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6267  
Sixtieth Anniversary Edition

Will H. Tracy Sr.

1850

1910

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Department of Agriculture,  
Washington, D.C.

# Livingston's

## SEED

### ANNUAL

FOR

# 1910.



**LIVINGSTON'S**  
GLOBE-SHAPED  
TOMATOES

THE GLOBE,  
THE HUMMER,  
THE CORELESS.

ONE PACKET EACH  
FOR **25** CTS.

LIVINGSTON'S  
CORELESS  
A  
Twentieth Century  
Tomato.

OUR

"TRUE BLUE" SEAL



## THE LIVINGSTON SEED CO.

114 NORTH HIGH STREET.

COLUMBUS, OHIO.

Stands for Highest Quality.

209

REGISTERED TRADE MARK

# 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. Which one of these has proven to be a success with you?

Livingston's Paragon .....	in 1870	Livingston's Honor Bright .....	in 1897
Livingston's Acme .....	in 1875	Livingston's Dwarf Yellow Prince .....	in 1898
Livingston's Perfection .....	in 1880	Livingston's Magnus .....	in 1900
Livingston's Golden Queen .....	in 1882	Livingston's Aristobright .....	in 1901
Livingston's Favorite .....	in 1883	Livingston's Royal Colors .....	in 1901
Livingston's Beauty .....	in 1886	Livingston's Dandy Dwarf .....	in 1901
Livingston's Potato Leaf .....	in 1887	Livingston's Multicolor .....	in 1901
Livingston's Stone .....	in 1889	Livingston's Princess .....	in 1901
Livingston's Royal Red .....	in 1892	Livingston's Grandus .....	in 1901
Livingston's Gold Ball .....	in 1892	Livingston's Dwarf Stone .....	in 1902
Livingston's Buckeye State .....	in 1893	Livingston's Dwarf Purple .....	in 1903
Livingston's Aristocrat .....	in 1893	Livingston's Globe .....	in 1905
Livingston's Large Rose Peach .....	in 1893	Livingston's Hummer .....	in 1907
Livingston's New Coreless .....	in 1908		

See Pages 8-14 of Catalogue for Description of Livingston's Famous Tomatoes

## 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 unequalled 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 expenses 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 by express as cheaply.**

**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 True Blue Seed orders 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.

**WE PUBLISH EACH YEAR THE FOLLOWING CATALOGUES**, all of which are at the disposal of our patrons:

January 1—This large Annual, free to all.

January 1—Blue List for Market-Gardeners.

March 1—City Garden Catalogue for owners of small (or large) gardens.

June 20—Summer List of Plants, etc., for Market-Gardeners.

August 1—Wholesale List of True Blue Seeds for Southern Growers.

August 20—Livingston's Guide to Fall Planting of Bulbs, Plants, Shrubs, etc.

**ALL THESE CATALOGUES ARE FREE**, but we must decline to send the wholesale lists to those using seeds in small quantities only. We shall be glad to mail our Catalogues to any addresses our patrons may care to send us, and shall be glad to reciprocate by sending some "extra seeds."

**If you have Rural Mail Delivery** be sure to give the Name and Number 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 can get no better stocks of any seedsmen, even though he **deceptively professes to warrant seeds**, which frequently covers nothing but the amount paid for the seeds. If you do not think so inquire into the extent of the warranty and you will ascertain that your warrants are no crop protection. A guarantee from an **irresponsible seedsmen** is of no value whatever.



Trial Grounds, "True Blue" Seed Farms, 1909.

To Our Friends, Our Customers:

COLUMBUS, OHIO, January 1, 1910.

**S**IXTY YEARS OF SEED-GROWING AND SEED-SELLING have brought home to us one great truth—that nothing but the best is good enough for the American people. This fact was perceived many years ago by the founder of our firm, whose steady advise was: "Give your customers something better than they expect to get and they are yours in the future." The strict adherence to this principle has made us many friends, who have bought from us for scores of years, and the children of men who bought of us years ago, are now our customers. This should create confidence in the minds of those who have never dealt with us. Livingston's "True Blue" Seeds are now better than ever



before, and we are well equipped in our new warehouse to take care of any orders that may come our way.

While we carry a general line of things needed for garden, farm, orchard, etc., we have concentrated our efforts on a few specialties which you need to make your work an absolute success. Tomatoes have been our specialty since we started. On the opposite page may be found a list of sorts that originated with us, and pages eight to fourteen of this catalogue, are devoted exclusively to Livingston's Famous Tomatoes. Onions are another one of our leaders. Throughout this catalogue we call attention to special strains of our own growing. They are the best that can be produced.

And now, we extend to you a cordial invitation to help us celebrate our Sixtieth Anniversary. We thank old friends and customers for their continuous, faithful patronage, and ask new friends into whose hands this book may fall, to give us a trial. You run no risk in planting "True Blue" Seeds, Plants, Trees, etc. They are thoroughly tested before sending out, and they never fail to please the most critical. The descriptions and illustrations in this catalogue are truthful, devoid of exaggeration. Let this book be your guide in planning your garden for the coming year, and "True Blue" Seeds will help to make your work a pleasure, as well as a success from a financial standpoint. With best wishes for a year of health, wealth and happiness, we are,

Cordially yours,



Here we take care of your orders, and we can fill them promptly.

True Blue Seed Farms, Trial Gardens and Greenhouses Near this City  
Kirkersville Seed Farms, Kirkersville, Ohio  
Retail Store, 114 N. High and 15-17 E. Long Streets } Columbus, Ohio  
Seed Warehouse, 59-61 East Chestnut Street }

*The Livingston Seed Co.*

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

PARTIAL VIEW TRUE BLUE NURSERIES

FARM BUILDINGS AND GREENHOUSES IN BACKGROUND.

GILY POND, TRUE BLUE SEED FARMS

PARTIAL VIEW OF  
BEANOY FIELD, TRUE BLUE SEED FARMS

## A SHORT REVIEW OF SIXTY YEARS ACTIVITY

Primarily we were seed-growers. On the old farm at Reynoldsburg (10 miles east of Columbus), we started to save tomato and other seeds under the guidance of our father, Mr. A. W. Livingston. Up to 1875, we worked on the establishing of a commission box business. In 1876, however, this branch of the business was dropped and we decided to concentrate our efforts on the production of selected seed stocks for critical trade. We came to Columbus and rented a large room at No. 34 North High Street, within a square of our present location. Constantly increasing business demanded better facilities. From one large place to still larger quarters we continued to move until we finally came to our present headquarters in 1886. At first we had only the ground floor; soon expansion became necessary and we added the four upper floors. As the years rolled by, an annex was established at 15-17 East Long Street, which is connected directly with our High Street store. Here the Farm Seed Department, Offices, etc., found more convenient facilities for the handling of the ever increasing business.

In 1900, we bought our True Blue Seed Farm near Columbus, on which we also erected greenhouses for growing plants for our mail order trade, cut flowers, etc. We gradually added to the acreage so that now we are holding 53 acres of the finest land for the production of all kinds of seeds, plants, nursery stock, etc. 60,000 ft. of glass represent the greenhouse department today. Evergrowing business necessitated the leasing of a four-story Warehouse on Gay Street in 1904. In 1906, we bought a farm of 208 acres, near Kirkersville (about 20 miles east of Columbus) where, in soil especially adapted for seed crops, we grow some of the finest strains of Onions, Tomatoes, Melons, etc., produced in the country.

And still, the business keeps on growing. July 1st of last year we decided to move our Mail and Express Order Department, as well as stocks to the splendid, new, large four-story building at 59-61 East Chestnut Street, adjoining the Postoffice. 23436 sq. feet of floor space and an exceptionally fine, large basement gives us ample room to do things right. Here we are equipped to handle business more speedily and efficiently than ever before and from this warehouse we shall distribute "True Blue" Seeds in future years.

We do more business now in a week than we did during the first ten years of business in Columbus. We employed 8 men and girls during the busy season in 1886, while last Winter and Spring we had more than 175 men and girls working in the various departments of our business.

At all times the history of our business has been closely connected with the evolution of the Tomato. The introduction of new and better kinds meant always more and larger business, and today the Tomato occupies the center of the stage in our establishment. To us the world is indebted for a score of the best varieties, and Livingston's Tomatoes are grown wherever there are lovers and consumers of this wholesome fruit.

This, then, sums up sixty years of activity in the seed business. That during the next sixty years our services to the world may be more and better is our sincere wish, and shall be the keynote to future efforts.

Yours for success with "True Blue" Seeds,

THE LIVINGSTON SEED CO.  
COLUMBUS, OHIO



GLIMPSE IN THE TRUE BLUE NURSERIES



BEAN TRIALS TRUE BLUE SEED FARM



PARTIAL VIEW OF  
WAREHOUSE, TRUE BLUE SEED FARM



TRIAL GROUNDS, 1909, TRUE BLUE SEED FARMS



FIELD OF LIVINGSTON'S PRIVATE STRAIN  
SOUTHPORT WHITE GLOBE ONION

# Novelties and Specialties for 1910

The Novelties and Specialties annually offered by us are usually the most interesting to customers, no matter how many old favorites they may have amongst the many standard varieties. It has always been our aim to offer in this department nothing but varieties of real merit and absolute value, and such as have been highly endorsed by leading specialists, farmers and growers throughout the country. Hence, customers are seldom disappointed in any Novelty or Specialty we offer. One of the uses to which our "True Blue" Trial Grounds are put is the testing of all New Plants, Flowers and Vegetables, as by so doing we are enabled to protect our customers.

We are always pleased to receive samples of New, Rare or Superior Seeds, Potatoes or Grains from our customers for trial in our True Blue Trial Grounds, which are located near this city.

Finest Wax Bean in Cultivation

## Livingston's New Hardy Wax

Although introduced by us four years ago, this excellent sort has maintained its place as the finest, most prolific and most palatable Wax Bush Bean in cultivation. Would space permit, we could fill many pages with unsolicited testimonials which the superb qualities of this sort brought from enthusiastic customers.

**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. We know Beans and have studied them all our life, but Hardy Wax surpasses anything we know. 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 preeminently a market gardener's favorite.

**Hardy Wax** is altogether the finest Wax-Podded Bean in cultivation today. The process of perfecting this splendid sort has been carried on for several years by Mr. C. N. Keeney, so well known as the foremost bean expert in this country. Mr. Keeney is quite enthusiastic about this one of his pets and can never say enough in favor of its many sterling qualities. **Pkt., 10c.; pt., 30c.; qt., 50c., postpaid. By express or freight, qt., 35c.; 4 qts., \$1.25.**

## Grand New Green-Podded Bush Bean, Keeney's Stringless Refugee

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., 25c.; pt., 40c.; qt., 75c., postpaid. By express, not prepaid, qt., 60c.**

## Two Meritorious New Bush Lima Beans

### The Fordhook Bush Lima Bean

This is a stiffly erect form of the "Potato" Lima, while the pods and beans are twice the size of Dreer's 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.

We highly recommend the Fordhook Bush Lima. We have grown it on both of our farms, and in every case it has come up to our expectations and proven a splendid addition to the Lima Bean family.

**PRICE—Pkt., 15c.; ½ pt., 25c.; pt., 45c.; qt., 75c., postpaid. By express, pt., 35c.; qt., 60c.; 4 qts., \$1.75; pk., \$3.**

### The Burpee-Improved Bush Lima

Enormous pods are produced in greatest abundance. Both pods and beans are larger than those of any other Bush Lima Bean in existence.

This sums up the principal characteristics of this truly remarkable new Lima Bean, which has caused a furore wherever it has been grown.

**Burpee-Improved** has uniformly larger pods than the best strain of Burpee's Bush Lima, while the pods contain more beans and the beans are larger and thicker. 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, which remain green even after they become fully ripe.

**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—Pkt., 15c.; ½ pt., 25c.; pt., 45c.; qt., 85c., postpaid. By express, pt., 35c.; qt., 70c.; 4 qts., \$2.25; pk., \$4.**

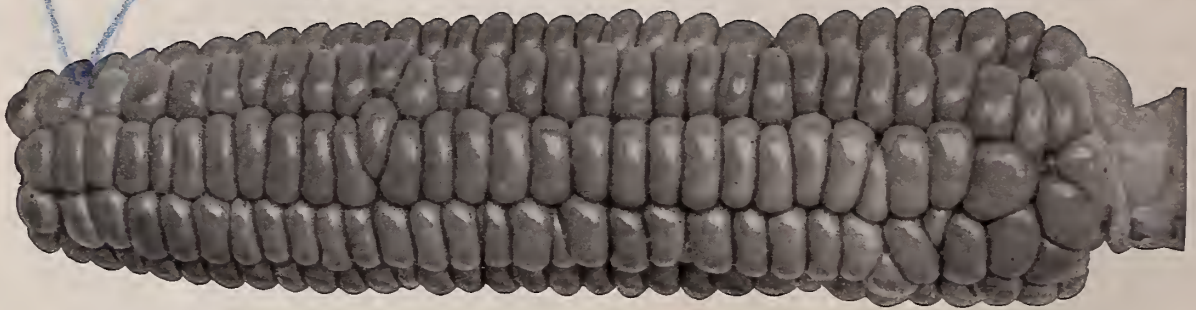


Livingston's Hardy Wax.



Fordhook Bush Limas.





## New Extra-Early Sweet Corn, Golden Bantam

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. That flavor always makes an appetite for more.

We confidently advise all lovers of a real good Sweet Corn to give "Golden Bantam" a trial. No description can describe the flavor and do it justice. The way to find out is to try it; and while you are about it, plant enough, or you'll surely be sorry when you begin to eat Golden Bantam.

**PRICE**—Pkt., 15c.;  $\frac{1}{2}$  pt., 20c.; pt., 30c.; qt., 50c., postpaid. By express, pt., 20c.; qt., 35c.; 2 qts., 65c.; 4 qts., \$1.20; pk., \$1.50.

**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. It is **always** good, whether planted in the spring or during the summer.

## Livingston's Ohio Sugar Melon, (Reproduced in Natural Colors on Back Cover of Catalogue.) Originated by us and introduced in 1908

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

This sums up the principal characteristics of the Ohio Sugar Melon, which is as far above the average Musk Melon as a Ben Davis is above a wild crab apple.

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 attractive green of 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 through the entire season.

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 seven years ago and have succeeded in producing a melon which has caused considerable comment. It has every desirable quality of the **Tip Top**, but with green flesh. Many who have tested it pronounce it even sweeter than the **Tip Top**.

We have great hopes for the future of this melon and believe it will make a splendid companion to grow with our **Tip Top**, and that it will be a very popular melon in markets which demand a green-fleshed melon. All who do not relish the musky flavor of the yellow-fleshed sorts should try **Livingston's Ohio Sugar Melon**. Read unsolicited testimonials about our melons below.

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., 15c.; 2 pkts., 25c.; oz., 40c.;  $\frac{1}{2}$  lb., \$1.25; lb., \$4.50.



Ohio Sugar, the Sweetest Melon That Grows



Ohio Sugar, the Sweetest Melon That Grows

### Livingston's Delicious Musk Melons have Ardent Admirers Everywhere

**READ THIS, ABOUT "OHIO SUGAR" OFFERED ABOVE.**

C. H. Billingham, Calhoun Co., Mich., writes: "Your new Muskmelon, Ohio Sugar, is away at the top. It beats the **Tip Top** so far it never will catch up. From one packet of seed we had melons for the table for over two months. Although we had an acre of other Muskmelons, we had the first and last melon from the Ohio Sugar. We had the first ripe ones Aug. 17th, and ate the last one Oct. 29th.

**ABOUT "TIP TOP" OFFERED ON NEXT PAGE.**

Mr. Edgar H. Cochran, Madison, Ind., writes: "Please accept thanks for the fine **Tip Top** Melon seed sent me last year. I raised the finest melons brought to Madison Market. Please favor me again with your best."

Mr. C. C. Ballard, Carlisle, Iowa, writes: "I have grown melons for market for the last 20 years, and the **Tip Top** is the best quality, and the best yielder I ever raised.



# Livingston's Tip-Top Musk Melon

Tip-Top in Quality—Tip-Top in Appearance

Tip-Top in Productiveness

Tip-Top was introduced by us in 1892

This splendid melon has "held its own" during the past eighteen 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, and very productive.

Be sure you get the genuine Livingston's Tip Top Melon Seed. 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.; 1 lb., 50c.; lb., \$1.75.



## Grand New Watermelon Tom Watson

**BEST QUALITY. BEST SHAPE. BEST SHIPPER.**  
**BEST SIZE. BEST APPEARANCE.**

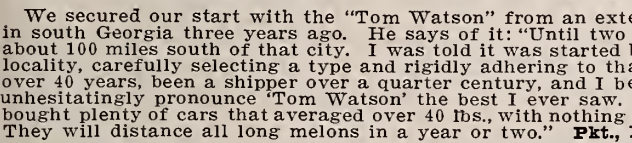
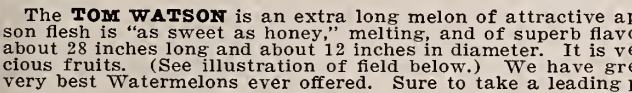
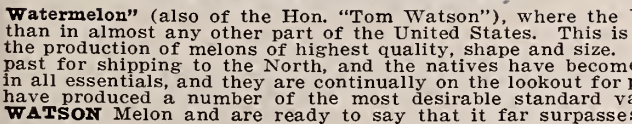
In the **TOM WATSON** we have a decidedly good thing directly from the State of Georgia, the "home of the Watermelon grows to a greater state of perfection probably than in almost any other part of the United States. This is on account of season, soil and climate being so favorable to the production of melons of highest quality, shape and size. Millions of melons have been grown there for generations past for shipping to the North, and the natives have become expert in the production of highest grade types of melons in all essentials, and they are continually on the lookout for promising strains and by careful selection and cultivation have produced a number of the most desirable standard varieties. All summer long we have been using the **TOM WATSON** Melon and are ready to say that it far surpasses, on the table, any variety of Watermelon we know of.

The **TOM WATSON** is 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 field below.) We have great faith in the **TOM WATSON** and believe it is one of the very best Watermelons ever offered. Sure to take a leading place with large melon growers and shippers.

We secured our start with the "Tom Watson" from an extensive shipper of Southern grown melons, who discovered it in south Georgia three years ago. He says of it: "Until two years ago it was not known north of Atlanta, originating about 100 miles south of that city. I was told it was started by mixing seed of six of the best long melons known in that locality, carefully selecting a type and rigidly adhering to that type until it was well established. I have grown melons over 40 years, been a shipper over a quarter century, and I believe I know an all round good melon when I see it, and I unhesitatingly pronounce 'Tom Watson' the best I ever saw. I know nothing too good can be said of the melon. I have bought plenty of cars that averaged over 40 lbs., with nothing under 35 lbs.—36-foot cars loaded four deep with 820 melons. They will distance all long melons in a year or two." **Pkt., 10c.; oz., 20c.; 1 lb., 50c.; lb., \$1.50, postpaid.**

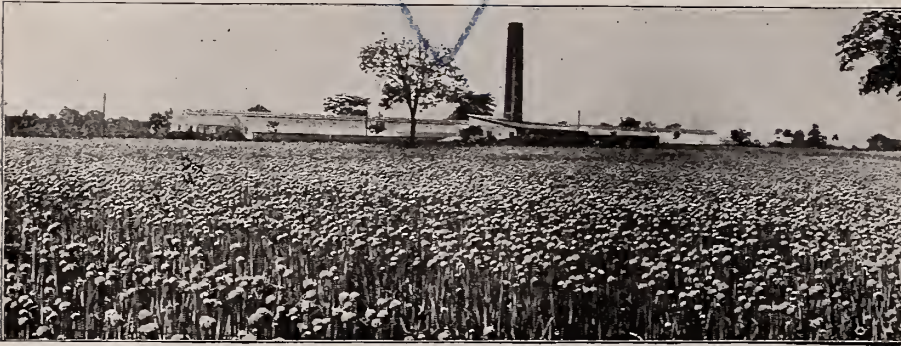


Livingston's Tip Top Musk Melon.



Field of Tom Watson Watermelons.

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



Field of Livingston's Brown Beauty Onion Seed, True Blue Farm.

Of the Onions offered on this and the next page, the following sorts are grown on our farms: Ohio Yellow Globe, Yellow Globe Danvers, Southport White Globe, Southport Red Globe and Brown Beauty. Our strains of these are absolutely unsurpassed.



Fertile land, thorough knowledge and untiring efforts have enabled 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.

## Livingston's Extra-Selected Ohio Yellow Globe

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 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. This is a superb onion for all classes of soil (well-enriched), and especially good for all our muck-lands.

Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00.

Ohio Yellow Globe is illustrated on page 39.

## Livingston's Select Yellow Globe Danvers

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.

low 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.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

## 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.

### Southport White Globe

See Field of Seeds of this Sort on Page 39. It is the Product of this field that Our Customers Get

The handsomest Onion grown. Of beautiful silvery-white color, perfectly globe-shaped, uniform in size, averaging  $2\frac{1}{2}$  inches in diameter. Flesh firm, fine-grained and of mild, pleasant flavor.

Last fall we happened to be out on our farms at "bulb-sorting time." A large pile of Southport White Globes impressed us as being particularly fine, and we asked our foreman, "Have these not been sorted over pretty closely?" The prompt answer was, "No, that's just the way they came from the field." After that we were satisfied that our strain of White Globe could not be surpassed in this country. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 90c.; lb., \$3.25.



Southport White Globe.

## Livingston's Brown Beauty



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 the late spring. Hard and solid. A medium flat variety, of good size; ripens early and perfectly. Skin golden brown; flesh white and of fine flavor. Good for putting out early for green bunch onions. Unexcelled for onion set growing, as no other sort surpasses it in producing round, smooth, hard sets of the very best keeping qualities. Every onion set grower should try Livingston's Brown Beauty; it grows the best sets in the world. **Pkt., 10c.; oz., 25c.; 1 lb., 70c.; 1b., \$2.25.**

## 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.; 1 lb., 50c.; 1b., \$1.75.**

**C. E. McGilliard, Fountain City, Ind., writes:**  
"You certainly surpass all other seed companies in the world in onions and tomatoes."



Southport Red Globe.

## 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. Our strain is selected for slim neck and uniform ripening qualities, and will surely please the most critical. **Pkt., 5c.; oz., 20c.; 1 lb., 50c.; 1b., \$1.75.**

## New Extra-Early Onion

### Early Rose

Entirely distinct from any other sort on our list. Early Rose produces medium-sized flat bulbs which in shape and general appearance resemble the Bermuda Onions. The bulbs average 3 to 4 inches in diameter, are about 1 inch thick through from top to bottom and are perfectly ripe in August, from seed sown in the early spring. The skin is thin, of pinkish rose color, while the flesh is pinkish white, crisp and of mild flavor.

We are sure that this variety will become a great favorite when its splendid characteristics become known. Before offering it for sale, however, we have decided to let our customers try it free of charge, and shall be glad to send a packet free for trial. It may be had as one of the **Premium Seeds** offered on page 16.

**Henry Hansel, Mt. Pleasant, Pa., writes:**  
"The Southport White Globe Onion I bought of you was very fine."



Southport Yellow Globe.

**For complete list of the leading standard varieties of Onions consult pages 39 and 40.**

### The Best Onions in the World And How to Grow Them

is the title of an interesting little pamphlet with concise and thoroughly practical culture directions. It is published by us for the benefit of planters of True Blue Seeds. Do you want one? It's free.

### 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, picture of which will be found on page 1, 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.



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

Tomatoes occupy continually the center of the stage in our establishment. It is only natural that it should be so. Few seedsmen in the world can make as positive a statement in connection with a crop as we make it above, and for three-score years the interest in this all-important vegetable has been religiously preserved in our house.

We make it a point to know and study all sorts. This is one of the reasons why we can speak authoritatively about the merits of the various sorts introduced. The descriptions given in this catalog may be relied upon. They tell the truth as we learn it from our annual extensive trials. Neither larger nor more thorough trials of tomatoes are made anywhere than those on our "True Blue" Seed Farms—more than 200 last season. They enable us to "keep posted" for the benefit of our customers, and they also show us, year after year, that Livingston's Famous Tomatoes are the most thoroughbred strains in existence. Although we have given a complete list of our introductions elsewhere in this book, we repeat herewith the names of those sorts that first originated with us and which we introduced. 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 Honor Bright .....	in 1897
Livingston's Acme .....	in 1875	Livingston's Dwarf Yellow Prince.....	in 1898
Livingston's Perfection .....	in 1880	Livingston's Magnus .....	in 1900
Livingston's Golden Queen .....	in 1882	Livingston's Aristobright .....	in 1901
Livingston's Favorite .....	in 1883	Livingston's Royal Colors .....	in 1901
Livingston's Beauty .....	in 1886	Livingston's Dandy Dwarf .....	in 1901
Livingston's Potato Leaf .....	in 1887	Livingston's Multicolor .....	in 1901
Livingston's Stone .....	in 1889	Livingston's Princess .....	in 1901
Livingston's Royal Red .....	in 1892	Livingston's Grandus .....	in 1901
Livingston's Gold Ball .....	in 1892	Livingston's Dwarf Stone .....	in 1902
Livingston's Buckeye State .....	in 1893	Livingston's Purple Dwarf .....	in 1903
Livingston's Aristocrat .....	in 1893	Livingston's Globe .....	in 1905
Livingston's Large Rose Peach.....	in 1893	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.



PARTIAL VIEW OF  
TOMATO TRIALS  
TRUE BLUE SEED FARM 1909.

**Tomato Facts** is the title of a unique, 24-page book relating the evolution of the tomato by Livingston's. Nothing like it has ever been attempted before! No other seedsmen in the world has made as big a specialty of any one vegetable as we have made of tomatoes. Three-score years of practical experience and observation are embodied in this little "De Luxe" booklet which is beautifully printed in two colors (the cover in four colors), and which is illustrated with more than 30 halftones from original photographs taken by ourselves.

This booklet will be religiously preserved as the most concise treatise ever published on the evolution of the tomato. Besides, it contains plenty of useful information, cultural hints, etc., of value to every planter. 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 the book. Edition is limited! Better send for one soon. Mention this special offer when you order it!



# Livingston's Famous Tomatoes

## 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.

**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 four seasons.

We are headquarters for True Globe Seed and sell it under our TRUE BLUE SEAL.

(SEE CAUTION BELOW)

PRICE—Pkt. 10 cents, oz. 40 cents,  
¼-lb. \$1.25; lb. \$4.25.

### A FEW TESTIMONIALS.

Lee Co., Florida,  
May 24, 1909.

Please ship us by express 20 lbs. Livingston's Globe Tomato seed, put up in ¼-pound packages under your seal.

Sanibel Packing Co.

J. B. Jones, Lake County, Florida, writes us on July 28, 1909:

"I enclose you my check for fifty dollars (\$50.00), for which ship me QUICK, by express your Globe Tomato seed.

I planted this last season, and in my twenty-three years' experience growing Tomatoes find your Globe far ahead of any I ever planted.

Wm. O. Hubel, Biscayne, Fla., writes:

"There will be a great demand for your Globe Tomato this season here. It seems to be the tomato for this section, so would advise you to raise a large crop of same."



### A FEW TESTIMONIALS.

C. E. Giddens, Lee County, Fla., on July 25, writes:

"Please forward by mail ½ lb. Livingston's Globe Tomato. Do not send any but the Livingston's Globe; they are the ONLY Tomato I would think of planting."

M. M. Bailey, Sanibel, Lee County, Fla., writes:

"I have been planting your tomato seed for 15 years, and propose to continue doing so. Your Globe is truly a wonder; it is very blight proof, unlike other blight-resisting varieties, and is a good yielder of excellent fruit. I have ripe Globes now (January 4) in the house and a field nearly ready to pick."

John F. Crabb, Little River, Fla., writes:

"Your Globe Tomato is the best that has ever been tried in this country."

**Livingston's Three Globe-Shaped Tomatoes** described on this and the following page — CORELESS, GLOBE AND HUMMER—1 pkt. of each, postpaid **25c**

## Caution

TO BE SURE OF TOMATO SEED GROWN BY US INSIST UPON HAVING IT IN PACKAGES BEARING OUR REGISTERED TRUE BLUE SEAL. Large quantities of spurious seed are sold annually as Livingston's by unprincipled persons, hence this warning. ALL THE TOMATO SEED WE OFFER HAS BEEN SAVED FROM CHOICE SELECTED FRUITS OF TRUE ORIGINAL TYPE, and CANNOT FAIL TO PLEASE THE MOST CRITICAL TOMATO GROWER.

THE LIVINGSTON SEED COMPANY

FAMOUS FOR TOMATOES

COLUMBUS, OHIO





Two Other Sorts of the New Globe-Shaped Type  
**Livingston's Hummer**

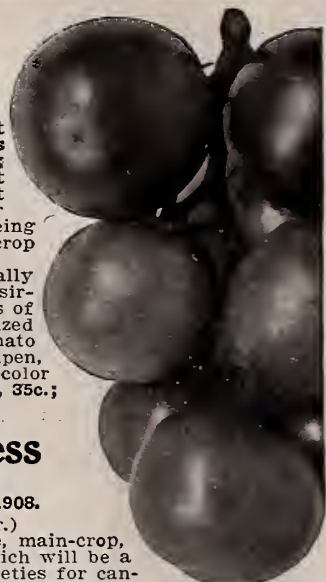
ORIGINATED BY US AND INTRODUCED IN 1907.

(See also illustration of cluster on page 51.)

A real good, absolutely new Tomato, and one that is quite distinct in several important points from all other varieties sent out by us in former years. **Livingston's Hummer** is as round as a ball, smooth as an apple, and has very little indenture about the stem end; hence there is no waste whatever in preparing the fruits for use. The color is bright scarlet and is very attractive. The flesh is rich crimson scarlet and of the very finest quality. In size, not so large as Livingston's Stone, but a good variety, nevertheless, for canners' use, as a large percentage of the fruits can be put into the can whole; and, being quite an early Tomato, is especially desirable for canners in those latitudes where the crop must be produced in a short period of time.

For the home garden and market also, **Livingston's Hummer** is hard to beat, especially when grown on stakes or trellises of some kind. Free from cracks, always smooth, of desirable size, and withal a great producer of beautiful clusters of fruits. It is a healthy, vigorous grower of medium sized vines. The fruit is firm and solid; in fact, a rotten Tomato is 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 sale. **Pkt., 10c.; oz., 35c.; 1/2 lb., \$1.10; lb., \$4.00, postpaid.**

New Globe-Shaped Tomato  
 Livingston's  
 Coreless.



**Livingston Coreless**

ORIGINATED BY US

And Offered for the First Time in 1908.

(See illustration on front cover.)

Livingston's New Coreless is a large, main-crop, globe-shaped, bright red variety, which will be a strong competitor with all old varieties for canners and catsup makers trade. All markets requiring a bright red sort will be pleased with the Livingston's New Coreless. In shape it is almost round, being about the same diameter each way. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning. It is immensely productive, clusters of four to seven fruits, are produced at 6 to 8 inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large—12 to 15 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, and doubly so now that the law forbids the use of coloring matter.

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

Every canner, market gardener or lover of good Tomatoes should certainly try our New Coreless Tomato. **Pkt., 15c.; oz., 25c.; oz., 45c.; 1/2 lb., \$1.25; lb., \$4.50.**

**Extra Selected Stock Tomato Seed**

We have among our customers a number who are Tomato fanciers and who wish the very highest grade seed of the best varieties, regardless of cost, to enable them to grow the choicest of fruit, superior to all others, either as a matter of pleasure and pride or for exhibition

purposes. To meet their demand we had our Tomato expert (a man who has been identified with tomato growing for over twenty-five years, and knows the minutest peculiarity of every tomato) select in the growing fields, typical fruits from typical plants. The seeds from these selected fruits were then hand washed and carefully cured. It is absolutely the very best, purest and truest to type it is possible to procure. 100 per cent. will grow. Our stock is limited to a very small quantity of each variety. We can offer **Extra Selected STOCK TOMATO SEED** in the following varieties at the uniform price of 25c. per pkt. of about 200 seeds; 60c. per 1/2 oz.; \$1.00 per oz., except as noted.

Livingston's Globe  
 " Hummer  
 " Stone

Livingston's Beauty  
 " Perfection  
 " Acme

Livingston's Paragon  
 " Favorite  
 Ponderosa

Livingston's New Coreless—Pkt., 25c.; 1/2 oz., 85c.; oz., \$1.50.



Livingston's Tomatoes were the only ones to receive a Gold Medal (Highest Award) at the Jamestown Exposition 1907

**A New Era in Tomatoes**

To future generations the name of **LIVINGSTON'S** will be handed down as a synonym for good Tomatoes. We were the ones who persistently coaxed and assisted Mother Nature to do the best she could in this line. To us the world is indebted for the New Tomato, the Globe-shaped Type, which has justly been termed the "Tomato of the Future," and which is in every sense a twentieth century fruit. The introduction of the Globe, the Hummer and the Coreless marks the beginning of a new era in the Tomato

world. These new sorts are by far the biggest advance in Tomatoes since our father, Mr. A. W. Livingston, the founder of the firm, succeeded in evolving the Paragon from the common, rough, wild "love apple."

**Collection of New Globe-Shaped Tomatoes**

To give all users of True Blue Seeds a fair opportunity to try Livingston's New Globe-Shaped Tomatoes, we have decided to offer one packet each of Globe, Hummer and Coreless, as described on this and the preceding page, three full-sized, liberal packets in all for 25 cents, postpaid.



## The Greatest Canning Tomato in the World

### Livingston's Stone

Introduced by us in 1889

The most highly complimented Tomato we have sent out, for it has received more renames than anything we have ever introduced. Dealers and planters everywhere instantly recognized the merit of the Stone and considered it too good a thing to push for somebody else—but especially for us. Consequently 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 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 there are many other seedsmen who sell considerable quantities of Stone Tomato seed, but—seed of the real, original Stone, that masterpiece of the hybridizer's art, as it was 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 to be found at the zenith of its perfection.

Livingston's Stone is the largest, bright red, perfectly smooth, highest yielding, best keeping, finest flavored main-crop variety in existence. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.



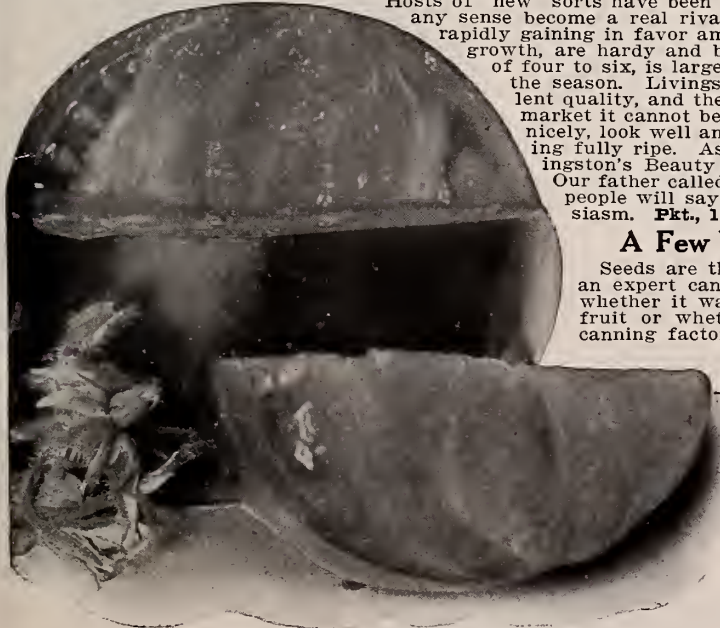
Livingston's Stone.

### Livingston's Beauty (Introduced by us in 1886)

Although introduced by us twenty-four 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 2½ tons of seed of Livingston's Beauty alone, 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.; ¼ lb., 70c.; lb., \$2.25.

#### A Few Words About Quality in Tomato Seed

Seeds are the most deceptive merchandise in existence. Ever 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.



Livingston's Beauty.

**Caution** To be sure of seed grown by us insist upon having it in packages bearing our registered True Blue Seal. Large quantities of spurious seed is sold annually as Livingston's by unprincipled persons, hence this warning.  
The Livingston Seed Company, Columbus, Ohio



## 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. Could anything proclaim the merits of a sort more eloquently?

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. Even the trade pays tribute to the Acme's good qualities, for there is not a seedsman of importance in the land who does not list it. 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 lb., 60c.; lb., \$2.00.**

## Livingston's Favorite

INTRODUCED BY US IN 1883.

New sorts may be introduced, stronger 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. Livingston's Favorite is one of those hybrids which nature produces in her most generous moods. It was found in the field of Paragon, and its merits were at once recognized.

Favorite is one of the best, largest, perfectly shaped, 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.

Cluster of Livingston's Acme. It also bears shipping well, and truckers in many parts of the country consider Livingston's Favorite the most profitable variety. **Pkt., 10c.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 75c.; lb., \$2.25.**

## 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.

Livingston's Perfection is a large, invariably 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.; 1/2 oz., 15c.; oz., 25c.; 1 lb., 70c.; lb., \$2.25.**

## 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 in 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 unequalled for such purposes, that there is more money in growing it for early market than any other variety, as it has about 4 clusters of fruit where others have 3. Fruit and clusters are also larger. Comes early while prices are fancy. **Pkt., 10c.; 1/2 oz., 20c.; oz., 30c.; 1 lb., 85c.; lb., \$3.00.**



Plant of Livingston's Magnus.

**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.



# Livingston's Famous Tomatoes

## 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 forty years, would not have any other kind.

**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.

**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.

We are proud of the Livingston Paragon. It was the success with this variety that spurred the originator to further and stronger activity in the Tomato line. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**



Livingston's Dwarf Stone.

## Livingston's Dwarf Stone

INTRODUCED BY US IN 1902.

One of the largest fruited upright growing varieties in existence.

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 double the size of those of Dwarf Champion and are nearly as large as those of our original Stone, now famous as the greatest canning Tomato on earth.

**Livingston's Dwarf Stone is prolific!** Vines have produced as high as ten marketable fruits which weighed 5 pounds 3 ounces. Single specimen fruits weighing 1 pound are quite common.

**Livingston's Dwarf Stone is solid!** The fruits are just one mass of delicious meat, and seed cells are noticeable only by their smallness. Dwarf Stone is fine for slicing.

**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 is on a fair way to become a great favorite. **Pkt., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.**

## 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 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., 25c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.50.**

## Livingston's Honor Bright

INTRODUCED BY US IN 1897.

**THE LONG KEEPING VARIETY. THE LONG DISTANCE SHIPPER.**

The distinctive features of the Livingston's Honor Bright Tomato 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, and will keep from one to four weeks if stored in a cool place. The clusters bear three to five perfect fruits, which ripen evenly from blossom end to stem. The flesh, when ripe, is tender and melting, not hard, as one might conclude from the solidity of the uncut fruit. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

### TOMATO PLANTS

We not only grow and sell large quantities of Tomato Seed, but our Tomato Plant trade has assumed large proportions. Our shipments to Cannery, Market Gardeners and Home Gardeners, run up into the hundreds of thousands of plants yearly. Many prefer buying of us rather than grow the plants, as our prices are reasonable and our method of growing always insures well-rooted plants of the very best quality. SEE PLANT LIST FOR PRICES, page 53, but where wanted in large quantities we would rather that you write us for rates, stating the quantity and kinds needed.



Livingston's Honor Bright.

**Packet Prices** OF LIVINGSTON 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.

# Livingston's Famous Tomatoes

## Livingston's Improved Dwarf Champion Tomato

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 the best. (See illustration below.) Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

## Livingston's Dwarf Purple

Introduced by us in 1903. Biggest fruited Dwarf-Growing Purple Tomato. Holds up in size until frost. Livingston's Purple Dwarf Tomato is about double the size of the original Dwarf Champion. It has every good point of the Dwarf Champion, and besides an increased size, which is a decided advantage. Many gardeners have been compelled to discard Dwarf Champion on account of its being under market size, a decided drawback. 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.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

## 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. It is a second-early, ever-bearing until killed by frost. Has a strong vine, and resists the wind remarkably well. A most excellent variety for growing on trellises or tying up to stakes, and for hot climates, the leaves protecting the fruit from the scorching sun. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## 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.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

## 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.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

For complete condensed list of Livingston's Famous Tomatoes and other standard sorts see pages 51-52

## 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.;  $\frac{1}{2}$  oz., 20c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

## 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.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

## Livingston's Yellow Prince

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.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

## 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.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**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.;  $\frac{1}{4}$  lb., 75c.

**LIVINGSTON'S MULTICOLOR**—The foliage is similar to Livingston's Potato Leaf, but with Livingston's Honor Bright features. The fruit is exceedingly smooth, glossy red in color, and solid; very productive. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**LIVINGSTON'S ARISTOBRIGHT**—A wonderfully productive dwarf Tomato of medium size; fruit bright red, very solid and fine flavored. Has all marked qualities of the Livingston's Honor Bright, and is from two to three weeks earlier. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**LIVINGSTON'S PRINCESS**—Similar to Livingston's Multicolor except in color, which is a fine glossy purple. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**LIVINGSTON'S GRANDUS**—A Purple-Fruited Livingston's Honor Bright Tomato. The fruit is fully equal to the Livingston's Beauty, being much the same in color and size; very solid. Vines vigorous and productive. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

**LIVINGSTON'S DANDY DWARF**—The same as Livingston's Royal Colors, except in color of ripe fruit, which, with Livingston's Dandy Dwarf, is a fine bright red. Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.

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.



## Livingston's Beautiful Floral Novelties for 1910

### A Grand New Aster 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 4½ to 6 inches 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., 20c.**

**VICK'S MIKADO WHITE**—A magnificent new Aster, same as Mikado Pink except in color, which is a pure glistening white. **Pkt., 15c.**

### Livingston's Exhibition Aster Collection

A superb collection of mammoth flowering Asters of all types and all colors. 7 large pkts. of the most desirable and distinct kinds, **postpaid, for 50c.** See page 64 for full description.

## Two New Dwarf Variegated-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.

**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. **Pkt., 15c.**

**Dwarf "Rose Queen"** Considered at our trials the most beautiful of all the **Tom Thumb Queens.** Charming mottled foliage. Handsome bright rose-flowers. Distinct and charming. **Pkt., 15c.**

For other varieties and Tall Variegated-Leaved Nasturtiums, consult page 81.



"Tom Thumb" Queen Variegated-Leaf Nasturtium



Sunflower "Starlight."

## New Sunflower "Starlight"

A very fine new sort, which lends itself particularly to decorative purposes. For bunching it is without a rival. The flowers are single, large, with elegantly twisted petals. (See illustration.) They are of beautiful canary-yellow color, which forms a lovely contrast with the dark center. As the flowers are borne on long stems they are especially adapted for cutting purposes. Be sure to try this new Sunflower this season. **Pkt., 10c.**

## Livingston's Exquisite New Orchid-Flowering 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-flowering 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. The colors run mostly in the lighter shades and are very rich, particularly in bedding effects. These new selections created quite a stir in the horticultural world when brought out a few years ago, and after thoroughly testing them at our True Blue Seed Farms we are sure that our customers will be pleased with the Orchid-flowering type of Pansies. **Pkt., 15c.; 2 pkts. for 25c.**

## New "Spencer" Sweet Peas of Distinct Merit

**White Spencer** (See illustration on page 91)—This grand Sweet Pea caused considerable comment when first offered. It is without a doubt the largest and most magnificent white Sweet Pea ever introduced. The vines are most vigorous in growth, reaching a height of 10 to 12 feet, and are almost completely covered with mammoth 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. Magnificent for cutting, as the extra strong stems are from 12 to 15 inches long. It is without a rival among White Sweet Peas. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.**

**Princess Alice Spencer**—A lovely shade of lavender, possessing every characteristic of the true Spencer. Extra large, wavy flowers, 3 to 4 to the 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.**

# Our Great Dollar Collection of "True \$1.00--Blue" Vegetable Seeds--\$1.00

Here is a real bargain, a rare find which we offer at so reasonable a price because we can handle orders for it quickly. We "put up" the collections before the real busy season starts, get thousands of them ready for immediate mailing—that's the reason why we offer such a prize collection for so little money. Look at the varieties! You couldn't buy a collection like this at as cheap a price anywhere in this country. Only the best of the standard sorts and many high-priced novelties are included—all in our regular sized packets.

Just figure out how much you will save by buying this collection. It contains not less than eight sorts which cost 10 cents per packet at regular catalogue prices. The remaining 24 packets you buy for 20 cents in this collection. Can you imagine a greater treat, and of "True Blue" seeds, too, of the same high quality with which we supply the most critical trade in this country.

This Dollar Collection is such a great bargain and our margin of profit on it is so small that we cannot allow any discount, and any special offer in this book or any of our other price lists do not apply to or cannot be taken advantage of in connection with this Collection. No changes can be allowed.

**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 also enclose our helpful pamphlet of cultural directions—THE VEGETABLE GARDEN.



## 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—Early Spring. One of the best for early use.</li> <li>6 Cabbage—Livingston's Ideal. The best winter variety.</li> <li>7 Celery—Golden Self-Blanching. Finest flavor. Very crisp.</li> <li>8 Celery—Livingston's Snowwhite. Early; good flavor.</li> <li>9 Cucumber—New Cumberland. A splendid pickler.</li> <li>10 Cucumber—Livingston's White-Spine. Best slicer.</li> <li>11 Sweet Corn—Livingston's Evergreen. Sweetest of all.</li> <li>12 Sweet Corn—Extra-Early Premo. Very early and sweet.</li> <li>13 Lettuce—Big Boston. Tender. Large headed sort.</li> <li>14 Lettuce—Grand Rapids. Best curled lettuce.</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—Ohio 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. Beautifully crisp; tender.</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> |
|---|---|

## Our Sixtieth Anniversary Premium Offer

**Premium Seeds** For Seeds ordered in Packets and Ounces. Below we offer 8 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.

## Four Fine New Vegetables and Four Superb New Flowers of Proven Merit

**Swiss Chard or Spinach Beet, Lucullus**—The leaves are attractively curled and should be boiled like Spinach. Prepare the stems like Asparagus. Pkt., 10c.

**New Summer Radish, White Delicious**—Is olive-shaped, of fine, mild flavor. Pkt., 5c.

**Extra Early Red Onion, Early Rose**—Dry bulbs resemble the Bermuda Crystal Wax in appearance. Ripens in August. Light rose color. Pkt., 10c.

**Garden Huckleberry**—Belongs to the class of the Tomatoes and should be cultivated like those. Berries are black, about 3/4 inches in diameter and make extra fine pies, jams, etc. Pkt., 5c.

**Calendula or Pot Marigold, Double Meteor**—Striped beautifully with orange-yellow. Easily grown and very pretty for borders. Pkt., 10c.

**Eschscholtzia or California Poppy, Rose Cardinal**—Of beautiful cardinal red color. Very showy. Pkt., 5c.

**Helianthus or Sunflower, Orion**—Each petal is gracefully twisted, almost like those of the Cactus Dahlias. Elegant for bouquets and easily grown. One of the prettiest. Pkt., 10c.

**Mimosa or Sensitive Plant**—A curious and interesting plant, the leaves and stalks of which drop and fold up when touched. Will amuse both the young and old folks alike. 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 (1 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.



Swiss Chard, Lucullus.

Livingston's Novelties Always Give Genuine Satisfaction

B. F. Draper, Hot Springs Co., Ark., writes: "Your Coreless Tomato, Ohio Sugar Muskmelon and Tom Watson Watermelon seed I got of you last spring all did very well."

# Livingston's True Blue Vegetable Seeds

In this department may be found all that is best in Vegetables—except our specialties for 1910—carefully described from actual observation. 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 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, 8 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.



## 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 6 feet wide, with a 2-foot path each side; set the plants one foot apart each way, 4 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 4 inches of coarse straw manure or leaves, which should be removed in the spring. A bed 6x40 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.**

**EARLY ARGENTEUIL**—Earlier, larger and better than the good old Colossal. Flavor superb. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 65c.

**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.; 1/2 lb., 25c.; lb., 65c.

**CONOVER'S COLOSSAL**—Large and rapid grower of excellent quality. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 45c.

**DONALD'S ELMIRA**—Good, reliable, mammoth variety of very fine quality. Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 75c.

**PALMETTO**—A large, dark green variety, of vigorous growth, having pointed tips. Early. Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 55c.

Leaflet with Culture directions free to customers.

## New Asparagus---Carolina Queen

**A VERY CHOICE NEW SORT. LARGEST SIZE OF STALK WHEN SPROUTING. FINEST QUALITY, HEAVIEST YIELDER, HANDSOMEST APPEARANCE**

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 a creamy white with pink heads. The flavor delightful. **Choice Stock Seed**—Pkt., 10c.; oz., 20c.; 1/2 lb., 60c.; lb., \$2.00.

## Asparagus Roots

We have a splendid lot of Asparagus Roots, grown at our True Blue Nurseries, and are able to fill orders promptly with roots in fine shape. **By purchasing good, strong Roots two years' time is saved.**

	By Mail, Postpaid.	By Express, Not Prepaid.
	100	1000
Carolina Queen	40c	\$1 00
Conover's Colossal	30c	65
Columbian Mammoth White	35c	75
Early Argenteuil	35c	75
Palmetto	35c	75

50 at the 100 rate, 500 at the 1000 rate. Special Prices Quoted on Larger Quantities.

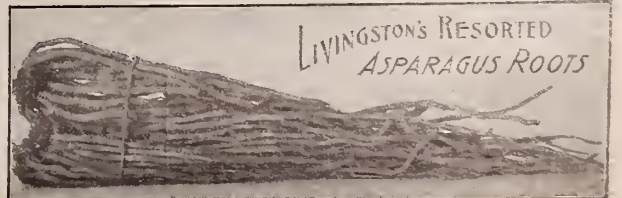
## Artichoke **Artichoke** Alcachofa

**LARGE GLOBE, or PARIS**—This Artichoke is grown for its flower heads, which are cooked like Asparagus. Hardy, 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.; 1/2 lb., 80c.; lb., \$3.00.

**JERUSALEM ARTICHOKE ROOTS**—For description and prices, see Farm Seed List, page 59.

### ASPARAGUS CULTURE

A book giving all possible details as to Growing, Soil, Marketing, Canning, etc., for home use or market. 150 pages, 5x7. Cloth, 50c., postpaid.



New Asparagus, Carolina Queen.



## 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 at any price.

**Five** 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

#### Wax Podded Varieties

LIVINGSTON'S

#### "New Hardy Wax" Bush Bean

**FINEST WAX BEAN IN CULTIVATION**  
Enormous Yielder. Robust Grower.  
Unsurpassed Quality.

So impressed are we with the absolute merits of this splendid sort that we decided to give it extra space in our "Specialty pages," where complete description and illustration from our own photo may be found on page 3. After another season's careful observation, both at home and with our growers, we have come to the conclusion that Livingston's New Hardy Wax is absolutely the best Wax Bean today. Be sure to refer to page 3. Pkt., 10c.; pt., 30c.; qt., 50c.; 4 qts., \$1.25.

#### Wardwell's Kidney Wax

**Immensely Productive. One of the Handsomest Wax Podded Beans Known.**

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. (Illustrated in panel above.) Pkt., 10c.; pt., 30c.; qt., 50c.; 4 qts., 85c.; pk., \$1.60; bu., \$6.00.

#### Burpee's New White Wax Bean

Large Seeded, Stringless Bush Bean.

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. Our stock is very choice and absolutely true. Pkt., 10c.; pt., 35c.; qt., 60c.; pk., \$1.75; bu., \$6.50.

**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.

**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 will become very popular. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.65; bu., \$6.50.

#### Livingston's New Yellow Pencil Pod Wax

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, hardness and prolificacy, no other sort equals it. It stands in a class by itself. We offer it as the best market gardener's Wax Bean to date. We have sold this Bean for several years in all parts of the United States with the best of satisfaction under all conditions. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.25.

#### Keeney's Rustless Golden Wax

(See illustration.) Strong grower, with remarkable vigor and freedom from rust. Pods meaty and well filled, semi-round; rich yellow, fine quality, and entirely stringless, even when large enough to shell. If pods are picked as fast as formed, the plant is ever-bearing until frost. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bu., \$5.00.

#### 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.

**BURPEE'S BRITTLE WAX—**An extra early, hardy variety of fine quality; long, round, meaty pods of rich golden yellow; immensely productive. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.50.

**CURRIE'S RUST-PROOF WAX—**Pods long, flat, tender; early, productive. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bu., \$5.00.

**DAVIS WHITE WAX—**Very productive, white-seeded, rustless, string or snap variety; long, flat pods, which are very crisp, brittle and tender when young. Excellent flavor and very hardy. The dry white beans are good for cooking purposes. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$5.00.

**YOSEMITE MAMMOTH WAX—**The monster wax pods are absolutely stringless, cooking tender and delicious; rich golden yellow. Pkt., 10c.; ½ pt., 25c.; pt., 40c.; qt., 75c.; pk., \$2.50.

**SCARLET FLAGEOLET WAX—**Pods long, flat and beautiful. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.



Keeney's Rustless Golden Wax.



## Dwarf Green Podded Beans

### Hodson "Green Podded" Bush Bean

(See greatly reduced pods above, as photographed in our trial grounds.)

Entirely unaffected by rust or blight; an exceptionally strong and robust grower; enormous yielder, often producing 50 to 60 pods to the plant, and withstanding adverse weather conditions to a remarkable degree. A little later than Refugee, or Thousand to One. Excellent shipping sort. **Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.50.**

### Grand New Green Podded Bush Bean Keeney's Stringless Refugee



Is listed among Specialties on page 3. This Bean is almost identical with Refugee or One Thousand to One in its habit of growth, shape and size of pod, but **absolutely stringless.** We are certain that this splendid new Bean will become a great favorite. Be sure to refer to page 3. **Pkt., 15c.; ½ pt., 25c.; pt., 40c.; qt., 75c.**

### Burpee's Stringless Green Podded

(See illustration)

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., 25c.; qt., 45c., post-paid. By express, pk., \$1.60; bu., \$6.00.**



Stringless Green Podded.

### GIANT STRINGLESS GREEN POD

This Bean 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., 25c.; qt., 45c.; pk., \$1.60; bu., \$6.00.**

### NEW BOUNTIFUL

A new green pod Bush Bean, which comes into bearing very early and continues almost 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.**

### LONGFELLOW

A new extra early variety with perfectly round and uniformly straight pods; very fleshy, long, brittle and without strings when broken; flavor delicious; very prolific; plants very strong and compact in growth. Adapted to the South and long-distance shipping. **Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.**

### FULL MEASURE

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

### EXTRA EARLY ROUND POD RED VALENTINE

Usually ready to pick in 35 days after planting. Pods round, thick, fleshy, of fine quality and unequalled uniformity of ripening; one of the most profitable sorts for market gardeners. **Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bu., \$4.75.**

**REFUGEE, or 1000 to 1**—Fine quality; medium late. Prolific. Nearly round. **Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.10; bu., \$4.00.**

## 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 two to three feet apart and a foot apart in the rows. Two new improved Bush Limas are listed on page 3.

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

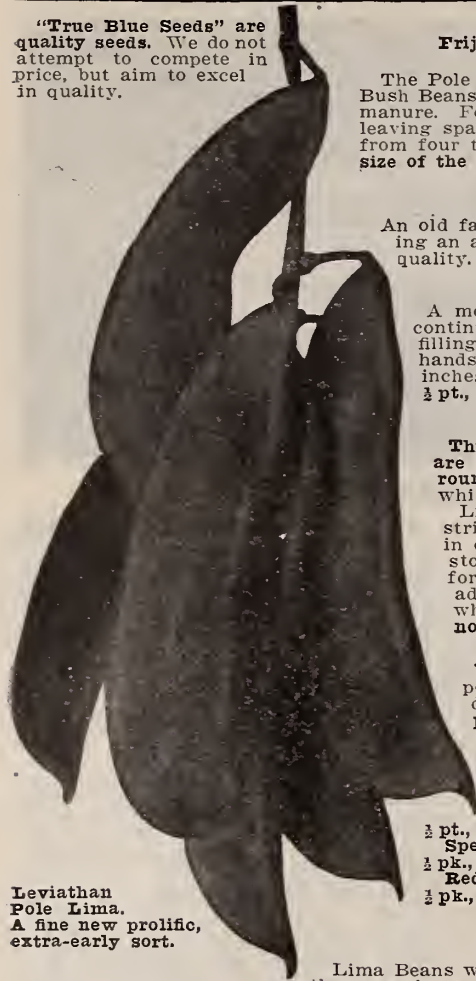
Pods about the same as Burpee's Bush Lima; beans slightly smaller; a few days earlier and fully as productive. A sure cropper. Very true to bush form. An immense yielder. **Pkt., 10c.; ½ pt., 15c.; pt., 30c.; qt., 50c.; ½ pk., \$1.00; pk., \$1.75; bu., \$6.75.**

**HENDERSON'S BUSH LIMA**—Compact bush form, and produces large crops. Delicious flavor. **Pkt., 10c.; ½ pt., 15c.; pt., 30c.; qt., 50c.; ½ pk., \$1.00; pk., \$1.75; bu., \$6.25.**

**THORBURN, or DEER'S BUSH LIMA**—Very productive; thick, sweet, tender, succulent. A fine sort. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.00; pk., \$1.75; bu., \$6.75.**

**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.; ½ pk., \$1.00; pk., \$1.75; bu., \$6.75.**

"True Blue Seeds" are quality seeds. We do not attempt to compete in price, but aim to excel in quality.



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

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.

### Kentucky Wonder or Old Homestead

An old favorite, with long, fleshy, deeply saddlebacked 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., 85c.; pk., \$1.60; bu., \$6.00.

### Powell's Prolific

A 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 luscious Beans. The handsome green pods average 8 or 9 beans to the pod, very uniform, about 6 inches long; perfectly stringless, very thick meated, rich and buttery. Pkt., 10c.;  $\frac{1}{2}$  pt., 20c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., 85c.; pk., \$1.60; bu., \$6.00.

### Livingston's Royal Corn Pole Bean

This is a remarkably fine green-podded Snap Pole Bean. The splendid pods are produced in large clusters or handfuls; shape long, 6 to 8 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 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. Pkt., 10c.;  $\frac{1}{2}$  pt., 20c.; pt., 30c.; qt., 50c. By express, not prepaid,  $\frac{1}{2}$  pk., 85c.; pk., \$1.60; bu., \$6.00.

**EARLY GOLDEN CLUSTER WAX**—Crop a total failure.

**WHITE CREASEBACK (Fat Horse)**—Very early, productive; round, meaty pods, entirely stringless. 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.

**LAZY WIFE'S**—Pods 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked as a snap bean; also a good white shell bean for winter. One of the very finest flavored. Crop very short. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$2.00; bu., \$7.00.

**White Dutch Case-Knife**—Green or dry. Crop very short. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.50.  
**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.  
**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.

## 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.

### Early Leviathan Pole Lima Bean

One week earlier than any other Pole Lima. Of superior quality. Immense size. 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 one week earlier than any large Pole Lima yet offered and fully two weeks earlier than most; 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 productiveness. Pkt., 10c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.50.

**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.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.00.

### Siebert's Early Lima

One of the very best for market gardeners. The result of a number of years' selecting to largest green beans and early 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 large White Lima. Pkt., 10c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.00.

**DREER'S IMPROVED**—Beans thick, sweet and tender. Especially good for the home garden. Enormously productive. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.50.

**SIEVA, or SMALL LIMA**—Early, and the small beans are of luscious flavor. Fine sort for the kitchen garden. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.75; bu., \$6.50.

**LARGE WHITE**—The old favorite for home use or the market. Pods and beans very large. Pkt., 10c.;  $\frac{1}{2}$  pt., 15c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.00; pk., \$1.75; bu., \$6.00.

## Broccoli

Brócoli

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 2 $\frac{1}{2}$  feet apart, leaving 18 inches between the plants. In cool, moist fall weather it thrives well.

**EARLY LARGE WHITE**—Heads medium size, close and compact. One of the most certain to head. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., \$1.00.

**EARLY PURPLE CAPE**—Rather harder sort; greenish purple heads; good flavor. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., \$1.00.

## Brussels Sprouts

Cól de Bruselas

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.

**IMPROVED DWARF**—Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 60c.; lb., \$1.75.

**BORECOLE, or KALE**—See Kale, page 32.



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.



Crosby's Egyptian.

**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 (see illustration); 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, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially where Beets are sold in bunches. It is preferred to all others for forcing in frame or for first sowing outside. Being a rapid grower, it 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.

**CROSBY'S IMPROVED EGYPTIAN.** Extra Selected Stock. Grown by ourselves. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; 5 lbs., \$4.25.  
**CROSBY'S IMPROVED EGYPTIAN.** Superior Stock—Grown for us under contract. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 5 lbs., \$3.50.

**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., 10c.; 1 lb., 25c.; 5 lbs., 75c.



Detroit Dark Red.

**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.; 5 lbs., 35c.

**EXTRA-EARLY EGYPTIAN**—Very early, dark blood red, medium size, tender and sweet; one of the best for kitchen gardens. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 60c.

**LENTZ'S EXTRA-EARLY BLOOD TURNIP**—A great favorite with market gardeners in the vicinity of New York and Philadelphia. Of a rapid growth; fine form, exceedingly sweet and delicious, retaining its color when cooked. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 65c.

**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., 20c.; 5 lbs., 60c.

**Acelgas Swiss Chard or Spinach Beet Mangold oder Beisskohl**

A peculiar variety of Beet, of which the leaves only are used. It does not make a large root, but the leaves are splendid for summer "greens" when cut young, and is equally delicious when allowed to mature, and the broad, white-leaf stalks or mid-ribs are cooked and served like Asparagus. Produces continually from July until fall. Superior to Spinach, as it can be had throughout the entire summer and fall, when Spinach is not in season. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 60c.

A Splendid New Swiss Chard will be found offered among the Premium Seeds on page 16. It is fine.

**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.

**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 lb., 15c.; 5 lbs., 35c. By express, 1 lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.

**LANE'S IMPERIAL**—Especially good for stock feeding. Large, smooth, of fine grain and very sweet. Pkt., 5c.; oz., 10c.; 1 lb., 15c.; 5 lbs., 35c. By express, 1 lb., 25c.; 5 lbs., \$1.00.

**FRENCH RED TOP**—Extensively grown in France. Ripens early; yields large returns in sugar per acre; heavy cropper. Pkt., 5c.; oz., 10c.; 1 lb., 15c.; 5 lbs., 35c. By express, 1 lb., 25c.; 5 lbs., 90c.

**Crimson Globe**

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 small, dark green. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 65c.

**EXTRA-EARLY ECLIPSE**—Very early and lasts well throughout the season. Handsome, smooth, dark, globe-shaped Beet; small top; quality very desirable; good Beet for private gardens. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 60c.

**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. The seed we offer is unexcelled by any in the country. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 60c.

**LONG DARK BLOOD RED**—Good keeper of good size; flesh dark blood red. Excellent for winter. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 50c.

**HALF-LONG BLOOD RED**—Of handsome shape, fine quality, quick growth; good for winter use if planted late. Especially good for family use. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 65c.

**BASTIAN'S EARLY TURNIP**—The largest of the turnip-shaped Beets. Tender and sweet; is somewhat lighter in color than other sorts, but much liked by many. Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 5 lbs., 45c.

**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 lb., 20c.; 5 lbs., 50c.

**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 lb., 15c.; 5 lbs., 45c. By express, 1 lb., 25c.; 5 lbs., \$1.50.

**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 lb., 20c.; 5 lbs., 50c. By express, 1 lb., 45c.; 5 lbs., \$2.00.

# Mangel-Wurzels for Feeding Stock

Remolachas forrajeras

Futter Rüben

An ever increasing acreage is being planted for stock beets because of the wonderful results from feeding them as shown by the reports of our experiment stations and leading farmers and stockmen. Fattening, breeding and milk cattle do equally well on them. About one-fourth of the daily rations should be of roots. Hog cholera is prevented by their use. Sow in rows  $2\frac{1}{2}$  to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1 $\frac{1}{2}$  inches, making ground firm over the seed. When 4 inches high, thin to 8 inches apart. Where many are grown, a good drill and cultivator are needed. Six pounds sow one acre.

**IMPROVED MAMMOTH LONG RED**, also called **Norbition 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;  $\frac{1}{2}$  lb., 15c; lb., 45c. By express, not paid, lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75.

**GOLDEN TANKARD**—Very productive and sweet; flesh yellow, tops and neck very small; easily pulled. (See cut.) Especially relished by sheep and cows. Pkt., 5c; oz., 10c;  $\frac{1}{2}$  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.**

**CHAMPION YELLOW, or Orange Globe**—Very productive; easily pulled; fine keeper; spherical shape; orange-yellow. Pkt., 5c; oz., 10c;  $\frac{1}{2}$  lb., 15c; lb., 45c. By express, lb., 35c; 5 lbs., \$1.50.

**GOLDEN GIANT INTERMEDIATE (Yellow Leviathan, Mammoth Yellow)**—Beautiful russet-yellow; skin smooth; flesh white, firm, sweet; productive; easily pulled; good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{2}$  lb., 15c; lb., 45c. By express, lb., 35c; 5 lbs., \$1.50.

**RED GLOBE**—Similar to Champion Yellow except color. Pkt., 5c; oz., 10c;  $\frac{1}{2}$  lb., 15c; lb., 45c. By express, lb., 35c; 5 lbs., \$1.50.

## Coliflor Cauliflowers Blumenkohl

The culture of Cauliflowers is similar to Cabbage, but should be more thorough and the ground made very rich. 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 the soil of another hotbed, until such time as they are safe to be planted in the open ground, which in this latitude is usually from the 15th of March to the 10th of April. 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 by a check at any period of its growth. The soil in the hotbed should be no richer than in the field, to prevent the growth from being checked when plants are set out. One ounce gives from 1500 to 2000 plants.

## Livingston's Earliest Cauliflower

A Better Strain of Cauliflower than "LIVINGSTON'S EARLIEST" we firmly believe is not produced.

Our grower in Denmark spares no pains or expense with this stock. For wintering in cold-frames it cannot be excelled and, while we know it to be the very earliest variety in existence, 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. In short, it is an excellent all-seasons Cauliflower. A most compact grower and a sure header. Market gardeners who have grown this splendid strain for more than ten years are perfectly satisfied. Price (under our True Blue Seal)—Pkt., 25c;  $\frac{1}{2}$  oz., 85c; oz., \$3.00;  $\frac{1}{2}$  lb., \$10.00.

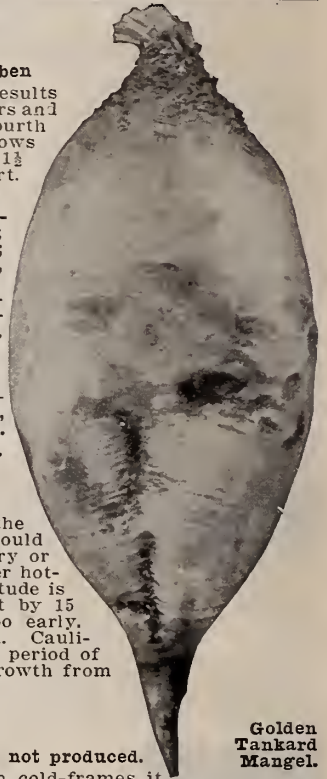


## Dry-Weather Cauliflower

(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. But, as with all Cauliflowers, 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. By planting this variety where other sorts have failed, a good crop of this delicious vegetable can easily be obtained. Pkt., 25c;  $\frac{1}{2}$  oz., 85c; oz., \$3.00;  $\frac{1}{2}$  lb., \$10.00.

Livingston's Earliest.



Golden Tankard Mangel.

## 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. Our labors in this direction have resulted in this splendid Cauliflower, which is especially adapted for greenhouse forcing on account of its short leaves and low growth. Livingston's Greenhouse Forcer is most valuable for greenhouse culture, and as an extra early market variety is unsurpassed. Pkt., 35c;  $\frac{1}{2}$  oz., \$1.00; oz., \$3.50.

**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. Our stock cannot be excelled in quality. Pkt., 25c;  $\frac{1}{2}$  oz., 75c;  $\frac{1}{2}$  lb., \$1.40; oz., \$2.50;  $\frac{1}{2}$  lb., \$8.50.

**VEITCH'S AUTUMN GIANT**—The heads are beautifully white, large, compact, and, being thoroughly protected by the foliage, remain for a long time fit for use. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 60c;  $\frac{1}{2}$  lb., \$1.50; lb., \$5.50.

**EXTRA-EARLY DWARF ERFURT**—Dwarf habit, compact growth; short outside leaves. Can be planted 20 inches apart. A sure header. Pkt., 15c;  $\frac{1}{2}$  oz., 65c;  $\frac{1}{2}$  lb., \$1.20; oz., \$2.00;  $\frac{1}{2}$  lb., \$7.00.

**LARGE LATE ALGIERS**—Popular with canners and market gardeners. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 75c;  $\frac{1}{2}$  lb., \$2.00.

## It Pays to Plant the Best

The first cost of any kind of seeds is very trifling as compared with the value of a field of the ready product. One ounce of best Cauliflower Seeds cost Three Dollars. Fifteen hundred heads produced therefrom will net you at least 375 Dollars if they are properly marketed. Buy Cauliflower Seed of the same kind elsewhere at a dollar per ounce, and you will neither get as many good heads, nor will the heads that you do get sell as well.

You saved 2 dollars on the buying price, but lost 100 dollars or more on the value of the crop produced. Does it pay to plant inferior stocks?

# Livingston's High-Bred Cabbage Seed

Col repollo

Weisskraut

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 the soil deep. As they advance in growth draw a little earth to the plants until they begin to head. To prevent splitting or bursting, go frequently over the ground and push every Cabbage that appears about to mature over sideways, which will break some of the roots and check its growth. 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.**

## Earliest Pointed-Headed Sorts

**Early 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 sort mostly used for wintering over in cold frames. **The seed we offer is first class, sure to give satisfaction. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.**

**LARGE WAKEFIELD, or 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 Winningstadt. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.**

**EARLY WINNINGSTADT, 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. Valuable for early or winter use. **Pkt., 5c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.**

**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., 10c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.**

## Early Flat or Round-Headed Varieties

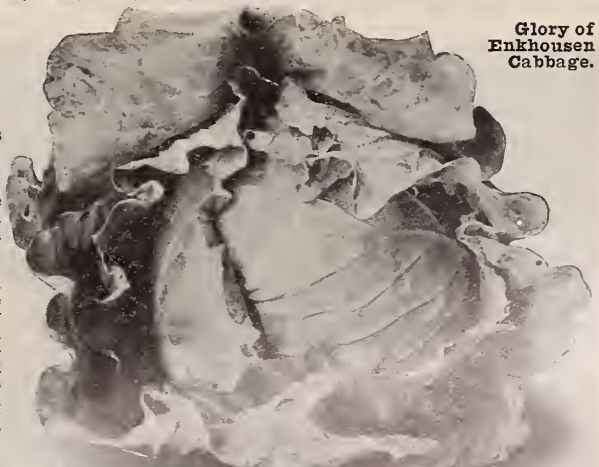
### All-Head Early

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., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$1.75.**

### Eureka First-Early

**Eureka First-Early**, in comparison with Early Jersey Wakefield, 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., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.**

Glory of Enkhousen Cabbage.



## 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 Grounds test of the Glory of Enkhousen Cabbage the past season 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., 10c.; ½ oz., 20c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.25.**

**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 flat-peccularity of heading firmly even before fully grown. Also flat-peccularity, making it valuable for extra-early market or home use. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.**



Partial View, Cabbage Trials, True Blue Farms, 1909.

## Splendid New Cabbage, The Volga, (No. 20)

The veteran Cabbage specialist, C. L. Allen, says of the New Volga Cabbage: "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 size and shape, weighing from 12 to 15 lbs. 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 hardness, 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. The Volga will lead in a few years in all Cabbage growing sections as an early maturing main crop variety. Large Cabbage growers are very enthusiastic in their reports concerning the Volga. **Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.00.**

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

**HENDERSON'S EARLY SUMMER**—About 10 days later than the Early Jersey Wakefield, but being fully double the size it may be classed as decidedly the best large Early Cabbage, 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;**  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$1.75.

**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;**  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

## All-Seasons (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. (See illustration.) 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;**  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

## Late Cabbages for Fall and Winter Use

**Livingston's Ideal Winter** (See cut.) 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;**  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.00.



All-Seasons Cabbage.

## 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 Ball-Head." **Pkt., 5c;**  $\frac{1}{2}$  oz., 20c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.

**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;**  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**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;**  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**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;**  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**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;**  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



Livingston's Ideal Winter—just as it grows in the field.

## 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;**  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



LIVINGSTON'S PREMIUM FLAT DUTCH

## "True Blue" Cabbage Seeds Give Uniformly Best Results

Mrs. Anna Zehendner, Cole Co., Mo., writes: "I have tried your Cabbage seed, both the Ideal and Volga and must truly say I was very much pleased with both kinds, and if I were to advise anyone of a good Cabbage, these two would be the ones. I believe everyone should try them."

Late Cabbage--Continued

Livingston's Illinois Winter Market

A splendid new variety introduced by us in 1903, and results substantiate our claim that it is the best late Cabbage for winter storing. The dark green color proclaims it a vigorous grower. The stalks are short, and it heads up close and solid. Heads average 12 to 15 lbs. Its keeping qualities are unexcelled, having kept perfectly during bad winters where other sorts were destroyed. The gardener who wants a Cabbage for winter and early spring sales should select our Illinois Winter Market. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.

**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., 20c.; ¼ lb., 50c.; lb., \$1.75.

**LARGE AMERICAN DRUMHEAD**—A superior fall and winter variety; large heads. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

**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.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.

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 unequaled. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

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.; ¼ lb., 50c.; lb., \$1.75.

Repollo colorado Red Cabbages Rotkraut

**EXTRA EARLY BLOOD RED ERFURT**—Earliest and reddest. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**MAMMOTH ROCK RED**—Heads as large as Large Late Flat Dutch; deep red to center. Highly recommended. Hard as a rock. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.



Improved American Savoy Cabbage.



Autumn King, or World Beater.

Col de Milan Savoy Cabbages Wirsingkohl

The Savoy or Curley 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.

**SMALL EARLY SAVOY**—Best early dwarf Savoy; heads firm, solid, beautifully crimped; finest quality. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.00.

**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.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

R. J. Dallinga, Sherbondy, Ohio, writes:

"Please send at once the Cabbage seed as per enclosed order list. The Glory of Enkhousen is a glorious kind indeed. Of about 2000 plants, not one failed to produce a fine, solid head. This variety is not so particular about soil; in fact, it will do well where other varieties would fail."

Enkhousen Glory Cabbage is listed on page 23.

Collards

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

**TRUE SOUTHERN, or GEORGIA**—Pkt., 5c.; oz., 10c.; ¼ 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.

**LARGE LEAVED**—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

Oscar Gladden, Armstrong's Mills, O., writes: We have been your regular customers for a long while and can say that your seeds are always "TRUE BLUE."

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.

**EXTRA CURLED (Pepper-Grass)**—May be cut two or three times. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**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., 15c.; ¼ lb., 50c.

Berro de fuente Water Cress 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 taste. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.



Water Cress.

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.**

**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., 10c.; 1 lb., 30c.; lb., \$1.00.**

**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 8 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., 10c.; 1 lb., 20c.; lb., 65c.**

**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 lb., 25c.; lb., 85c.**

**EARLY SCARLET HORN**—(Stump-rooted)—Popular for forcing and early garden use; flesh deep orange, fine grained; agreeable flavor; small top. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 65c.**

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

**SAINT VALEBY, or INTERMEDIATE**—A thick, intermediate smooth variety; an English sort, 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., 10c.; 1 lb., 25c.; lb., 75c.**

**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., 10c.; 1 lb., 25c.; lb., 75c.**

**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 stock of seed is unsurpassed. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.**

**OXHEART, or GUEBANDE**—Intermediate length; 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., 10c.; 1 lb., 30c.; lb., \$1.00.**

**NANTES HALF-LONG**—(Stump-Rooted)—Sweet, 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., 10c.; 1 lb., 25c.; lb., 75c.**

**Carrots, for Stock Feeding**

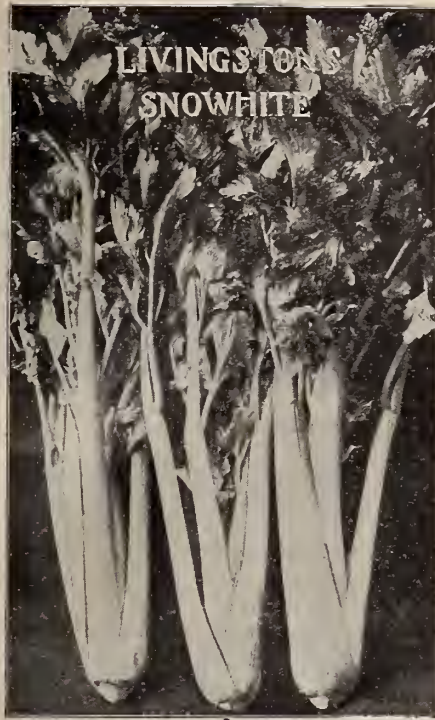
Too much cannot be said in praise of the Carrot as a wholesome addition to the winter feed for stock, apart from its great value as a vegetable for table use. The splendid roots make a most desirable change of feed for your cattle when given in connection with grain and dry fodder. Plant plenty of Carrots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

**IMPROVED SHORT WHITE**—Very large, half-long roots; pearly white. It is the heaviest cropper known. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 55c.**

**LARGE WHITE GREEN TOP BELGIAN**—Standard for field culture. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; lb., 55c.**

**We Test All Our Seeds** both for vitality and purity, on our "True Blue" Seed Farms. It costs us hundreds of dollars every year to find out what we are selling, but the consequent results are that our customers look with confidence upon "True Blue" Seeds. We aim to merit this confidence.

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



LIVINGSTON'S  
SNOWWHITE

## 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.

### Self-Blanching Sorts

Apio blanco lleno

Bleichsellerie

#### 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 2½ 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.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; ½ lb., \$3.00.**



#### Golden Self-Blanching

Our stock is direct from the original introducer, who grew the seeds especially for us. 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 stem and leaves become a beautiful waxy-golden 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. Always brings highest prices. Gardeners who have used our seed are more than pleased with it and say that almost every plant is solid and true to type. It is justly famed as the "Queen of all Celeries." Our seed is imported direct from the originators in France and is exceptionally fine. **Pkt., 10c.; ½ oz., 20c.; oz., 40c.; ¼ lb., \$1.25; ½ lb., \$3.75.**

#### 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. It is very ornamental. Early, of good flavor and fine texture; adapted to fall and early winter use; a good keeper up to the holiday season. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 60c.; ½ lb., \$1.75.**

#### PINK PLUME

Practically identical with White Plume, except that the stalks are suffused with pink, and possessing the crispness, rich, nutty flavor and long-keeping qualities peculiar to the red sorts. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.**

#### GOLDEN ROSE

Yellow and rose tinted; rich and beautiful; self-blanching, early, solid and crisp. **Pkt., 5c.; ½ oz., 15c.; oz., 20c.; ¼ lb., 60c.; ½ lb., \$2.00.**

### 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.

#### Giant Pascal

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.; ½ oz., 10c.; oz., 20c.; ¼ lb., 55c.; ½ lb., \$1.75.**

#### BOSTON MARKET

A vigorous grower; very branching; excellent keeper; remarkably tender, crisp, solid. Best for light soils. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.; ½ lb., \$1.50.**

#### EVANS' TRIUMPH

A splendid long-keeping late variety of extra fine flavor. Healthy, strong grower; stalk very white, crisp, tender and brittle. **Pkt., 5c.; oz., 20c.; ¼ lb., 55c.; ½ lb., \$1.75.**

#### DWARF GOLDEN HEART

A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper and of fine, nutty flavor. When blanched, the heart, which is large and full, is a light yellow, making a showy and desirable variety for either market or private use. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.; ½ lb., \$1.50.**

#### 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.; ½ oz., 10c.; oz., 20c.; ¼ lb., 55c.; ½ lb., \$1.75.**

**PERLE Le GRAND**—A good early Celery. Handsome, stocky, robust; rich, nutty flavor; a long keeper. **Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 50c.; ½ lb., \$1.50.**

We can also supply **GIANT WHITE SOLID, PERFECTION HEARTWELL, and NEW ROSE** at uniform price—**Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ 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.

**APPLE-SHAPED**—Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; ½ lb., \$1.50.  
**GIANT SMOOTH PRAGUE**—A large and smooth variety. Desirable for market; an excellent keeper. **Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; ½ lb., \$1.50.**

**CELERY PLANTS** Ready early in June—See List on page 53.



## Maíz dulce **Corn, Sweet or Sugar** 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 2x3 feet apart for the early kinds, and 3x3 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.**

**½ 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.

### Extra-Early Premo

**A Pure Sweet Corn, Earlier than Extra-Early Adams.**

A decidedly meritorious variety. (See illustration.) A "sixty-day" Sweet Corn that combines all the merits of the leading early varieties, and is also really superior to all 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, and the seed of them will rot if planted before the soil becomes warm. The stalks grow about 5 feet high, and are very vigorous, generally bearing two well-developed ears to the stalk. Many favorable testimonials have been received regarding this Corn, and from our own tests (having grown it largely for several seasons) we do not hesitate to recommend it to our friends. **Large pkt., 10c.; ½ pt., 15c.; pt., 25c.; qt., 40c., postpaid. By express, not paid, 4-qts., 65c.; pk., \$1.10; bu., \$4.00.**

### Peep-O'-Day Sweet Corn

Ten days to two weeks earlier than any other sort and one of the sweetest of all Extra-Early table varieties, is what the originator has to say of this Sweet Corn. As tried last season, we can fully confirm his description. The stalks of Peep-O'-Day Corn grow from 3½ to 4½ feet high and bear from two to five ears each. The foliage is light green, and, being small, stalks will stand very close planting. If planted in hills, put six to seven kernels in a hill, thinning out later so as to leave four plants to a hill. If in rows and not in hills, drop the seed six to eight inches apart. If planted early, cover about one 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.**

### 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.**

**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., \$1.00; bu., \$3.50.**

### Kendel's Early Giant Sweet Corn

Kendel's Early Giant Sweet Corn has always been a variety of sterling merit. 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 the most deliciously sweet and rich sugary flavor. Very early for so large-eared sort; in fact, 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. Dealers and truckers report ready sales, and are very enthusiastic over its earliness, large size and productiveness. We first offered Kendel's Early 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. The demand for this superior variety is increasing with each season, and by our skillful selection year by year is now a very much more valuable sort than when first introduced. **Pkt., 5c.; pt., 25c.; qt., 40c.; ½ pk., 65c.; pk., \$1.10; bu., \$4.00.** (See illustration.)

**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.**

### Columbus Market Sweet Corn

(See specimen ear above)

The New Columbus Market is ready for the 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., 25c.; qt., 40c.; ½ pk., 65c.; pk., \$1.10; bu., \$4.00.**



1.—Kendel's Giant. 2.—Extra-Early Adams. 3.—Premo.

### The Splendid New Sweet Corn, Golden Bantam

is listed on page 4. It is the sweetest of the real sweet Corns and the most toothsome for the home garden. Be sure to try it.



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

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

**CROSBY'S EARLY**—Standard old sort; very sweet; early; good size. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

**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.

**HICKOK 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.

**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., 65c.; pk., \$1.00; bu., \$3.50.

**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.

**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.

**BLACK MEXICAN**—The sweetest Corn that grows; color when in roasting ear, purple and white; also a fine late variety. Pkt., 5c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., 75c.; pk., \$1.25.

**SHAKER'S EARLY**—Splendid market sort; second-early; large. Pkt., 5c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 60c.; pk., \$1.00; bu., \$3.75.

**EGYPTIAN**—Ears very large and uniform; cob and kernel white. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

**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., 60c.; pk., \$1.00; bu., \$3.75.

### 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. Pkt., 5c.;  $\frac{1}{2}$  pt., 15c.; pt., 25c.; qt., 40c.;  $\frac{1}{2}$  pk., 65c.; pk., \$1.10; bu., \$4.00.

## The Evergreen Sorts

### NEW WHITE EVERGREEN

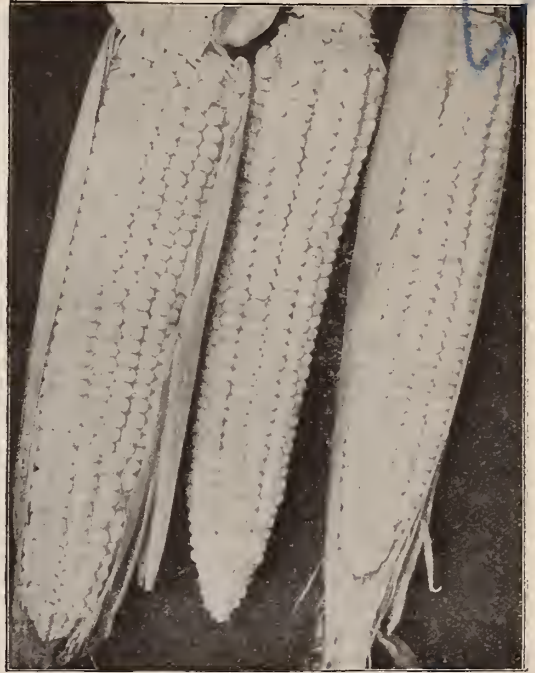
This is a high-bred Pure-white type of the ever popular Stowell's Evergreen. From one pure white-grained ear, accidentally discovered some years ago, it has been developed by careful selection. Stalks very vigorous, 6 to 7 feet high. The ears are uniformly very large and well filled to the tip with long, slender kernels. Market gardeners, canners and all lovers of Sugar Corn have been long 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.

**LIVINGSTON'S EVERGREEN (Red Cob)**—Our old original variety, introduced by us in 1860, and now a general favorite for family use, 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. Very sweet (none sweeter). Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

**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, from which it sprung. A splendid second-early sort. Pkt., 5c.; pt., 20c.; qt., 35c.;  $\frac{1}{2}$  pk., 55c.; pk., 95c.; bu., \$3.50.

### 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.



Livingston's Fvergreen.

## Livingston's Broad-Grained Sweet Corn

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; and for those who enjoy running a knife blade down through the rows of grains before eating, Livingston's New Broad-Grained Sweet Corn is unexcelled; there is no dodging of the knife about these big grains. We offer you selected, hand-shelled seed. Pkt., 10c.;  $\frac{1}{2}$  pt., 20c.; pt., 30c.; qt., 50c. postpaid. By express, not prepaid 4 qts., 65c.; pk., \$1.10; bu., \$4.00.

### 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., 55c.; pk., 95c.; bu., \$3.50.

### "4 BEST" SWEET CORNS for Home Gardens

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

Premo, Extra Early. Columbus Market, Early.

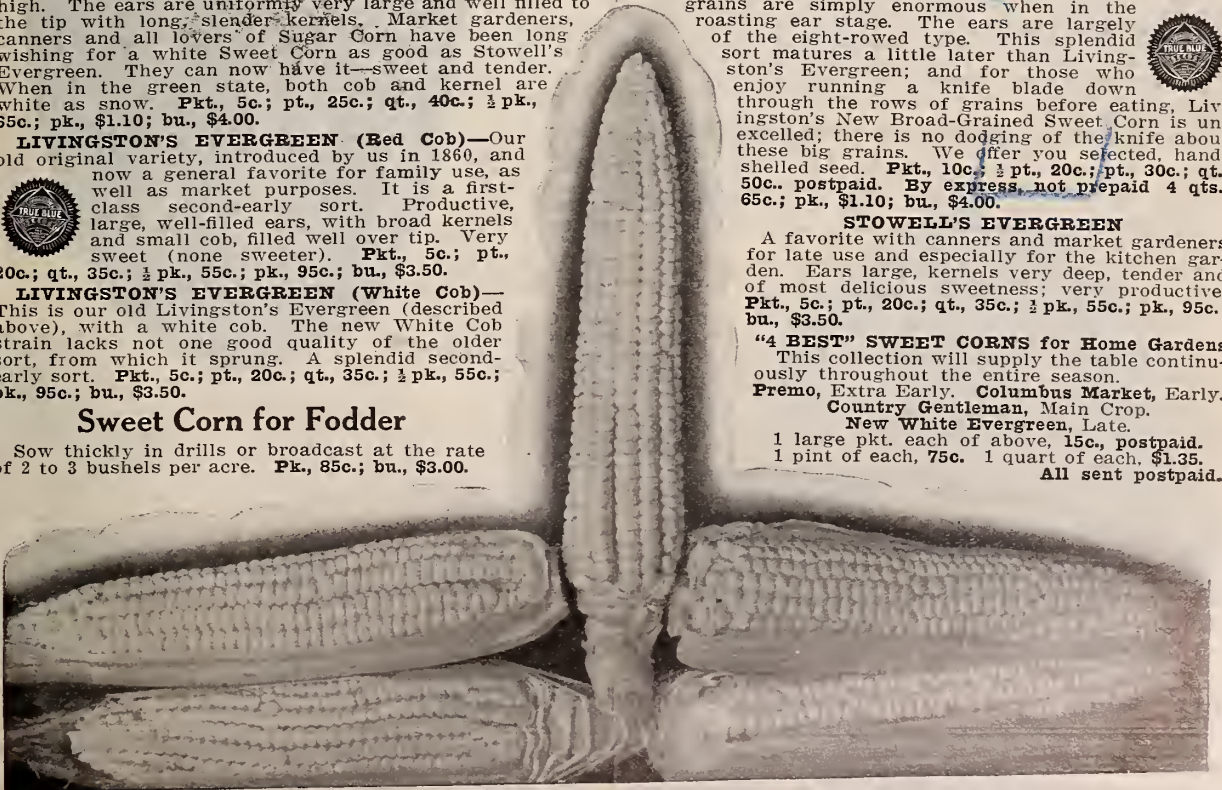
Country Gentleman, Main Crop.

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.



Mammoth White Cory.

Early Minnesota.

Shaker's Early.

# Livingston's Select Cucumber Seeds

Cohombros ó Pepinos

Gurken

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. The fruit should be gathered when large enough for pickling, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. Cucumbers forced under glass turn yellow quickly; sometimes from overfeeding, and often from the use of manures that are quick acting; on this account cow manure is preferred to horse manure. One ounce of seed will plant about 50 hills; one to two pounds to the acre.

## Livingston's Select Extra-Early White Spine

This private strain we have had over thirty years, and it is the most thoroughbred, uniform and shapely variety known, not only for first early, but for general crop as well. Excels in earliness, often ready for slicing when other sorts are only pickles. In purity it is unequalled. Vines are vigorous growers. The very best for slicing, and make choice pickles, straight and smooth; a great bearer; keeps green much longer than the yellow varieties; no sort excels it in crispness and flavor. Every market gardener knows how difficult it is to secure pure cucumber seed, and as this sort is absolutely without mixture we are sure it will be quickly appreciated. **Selected Seed—Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$7.50.**

**EXTRA-EARLY RUSSIAN**—Small, extra-early, hardy, productive, good for small pickles. **Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., \$1.00.**

**EARLY FRAME, or SHORT GREEN**—A popular early variety of medium size and good shape; good for small pickles. **Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., \$1.00.**

**NICHOL'S MEDIUM GREEN**—Introduced by us in 1883. It was a good one then, and is just as good or better now. Color dark green; flesh crisp and tender; medium size; straight and smooth; a real handsome and prolific variety. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 85c.**

**GREEN PROLIFIC, or BOSTON PICKLING**—Of uniform growth, seldom too large for pickling; immensely productive. **Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.**

**GIANT PERA**—Large, smooth, straight; flesh white, crisp and tender; good for slicing. Originator's stock. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.**

**EARLY GREEN CLUSTER**—Short and prickly; bearing in clusters; prolific; fine for bottling. **Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.**

**TAILBY'S HYBRID**—A cross between the White-Spined and an English Frame variety, combining the hardiness of the former and beauty and size of the latter. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 85c.**

**IMPROVED LONG GREEN**—Long and crisp; one of the very best for the family garden; also popular and reliable for pickles. **Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., \$1.00.**

**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., 10c.; ½ lb., 25c.; lb., 85c.**

**COOL AND CRISP**—The beautiful green color is all that can be desired. Excellent for pickling or slicing. **Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.15.**

**GHERKINS (True West India)**—Used only for pickles. **Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.**

**WESTERFIELD CHICAGO PICKLING**—Popular with Chicago gardeners. Medium length, slightly pointed at ends; very large; prominent spines; deep green. **Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., \$1.00.**

**JERSEY PICKLING**—Intermediate between Long and Short Green. Long, slender, cylindrical; crisp and tender. **Pkt., 5c.; oz., 10c.; ½ lb., 30c.; lb., \$1.00.**

**ARLINGTON IMPROVED WHITE SPINE**—For market use and pickling it is superior to the old White Spine. Our stock is the true Boston strain. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 85c.**

**HILL'S FORCING WHITE SPINE**—Large, straight and well formed; full at ends; productive; skin deep green, holding color well. **Pkt., 5c.; oz., 15c.; ½ lb., 30c.; lb., \$1.00.**

## The New Davis Perfect Cucumber

The sum and substance of the claims made for the New Davis Perfect Cucumber are that by using this variety gardeners can produce out-of-door Cucumbers 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, and, as stated above, it resembles a hothouse Cucumber so much that dealers cannot tell the difference and are willing to pay as high prices for it as for the product of the hothouse. **Pkt., 10c.; oz., 20c.; ½ lb., 50c.; lb., \$1.50.**

Mr. Wm. M. King, ex-editor Farm and Fireside, Glen-carlyn, Alexandria Co., Pa., writes:

"Too much cannot be said in favor of your New Coreless Tomato. It seems to be the crowning triumph of your most successful efforts in breeding the tomato up to the highest possible standard of excellence."

D. W. Stier, with Dept. of Agriculture, Washington, D. C., writes:

"I had a few plants of Livingston's Coreless Tomato this past summer. They are surely the 'king' of all tomatoes, and I do not see how they can be improved upon. Am proud that such a marvel originated in my native state."

## Cumberland

The new 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, from the time they first set until fully grown, the form is exceptionally straight and symmetrical, thus being a choice for slicing as for pickles. The flesh is firm, very crisp and tender at all stages. **Pkt., 5c.; oz., 15c.; ½ lb., 35c.; lb., \$1.15.**

## The "Vickery" Cucumber

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.; ½ lb., \$1.35; lb., \$5.00.**

Livingston's  
Select  
Extra-Early  
White Spine.





Choice Cucumbers--Continued

Livingston's Emerald Cucumber, Introduced by Us in 1897

We were eight years in perfecting this variety to produce a dark-green Cucumber that would hold its color, and we succeeded beyond our expectations. It is strictly an evergreen, retaining its color until quite ripe, making it an attractive variety. The fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. (See illustration.) As a slicer the flesh is perfectly crisp and tender, and the flavor most pleasing. The young fruit being dark green, straight, slender and almost spineless, makes an excellent pickle, and when ripe none excel it for making sweet pickles. For those who grow under glass, or for long-distance shipping, it will prove a boon on account of holding its dark green color so long. It is not excelled for beauty in color and form. Pkt., 5c.; oz., 15c.; 1 lb., 40c.; lb., \$1.25.

Livingston's Evergreen Pickling

Introduced by us in 1890, now well known the country over, cataloged by all the leading seedsmen, and 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., 10c.; 1 lb., 30c.; lb., \$1.00.

THE NEW "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.

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.

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 lb., 40c.; lb., \$1.25.

Frame and Forcing Cucumbers

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

NOA'S FORCING—Most excellent sort; prolific. Pkt., 15c.

ROLLISON'S TELEGRAPH—Grows about 18 inches long; bright green. Pkt., 25c.

RAWSON'S HOTHOUSE FORCING—A new and very superior greenhouse sort.

Very long; deep green; straight. Pkt., 10c.; oz., 45c.; 1 lb., \$1.35; lb., \$5.00.

Livingston's Emerald.

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.

Livingston's Mammoth Purple Egg Plant

Spineless. Northern Grown Seed.

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. This process of improvement has been continued until 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 7 to 9 inches in diameter, but sometimes specimens are grown measuring 10 inches. Skin a handsome dark purple, smooth and glossy. Flesh white, of superior quality. We pronounce it the best Egg-Plant in cultivation. Selected Seed—Pkt., 10c.; 1/2 oz., 20c.; oz., 35c.; 1 lb., \$1.10; lb., \$4.00.

Black Beauty From ten days to two weeks earlier than the purple varieties, and of rich, lustrous, purplish black color, and is a most 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. The fruits are of the very finest possible quality. Pkt., 10c.; 1/2 oz., 20c.; oz., 35c.; 1 lb., \$1.10; lb., \$4.00.

BLACK PEKIN—A globe-shaped variety of superior excellence; glossy black fruit, solid and fairly early. Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.

EARLY LONG PURPLE—An early, oblong variety, longer in shape than the other sorts. Pkt., 5c.; 1/2 oz., 15c.; oz., 25c.

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 it a very fine strain of this popular variety. Pkt., 10c.; 1/2 oz., 20c.; oz., 30c.; 1 lb., \$1.00; lb., \$3.75.

FLORIDA HIGH BUSH—A large fruited purple sort; very popular with Southern growers. Pkt., 10c.; oz., 35c.; 1 lb., \$1.10; lb., \$4.00.

Diente de león Dandelion Löwenzahn

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.

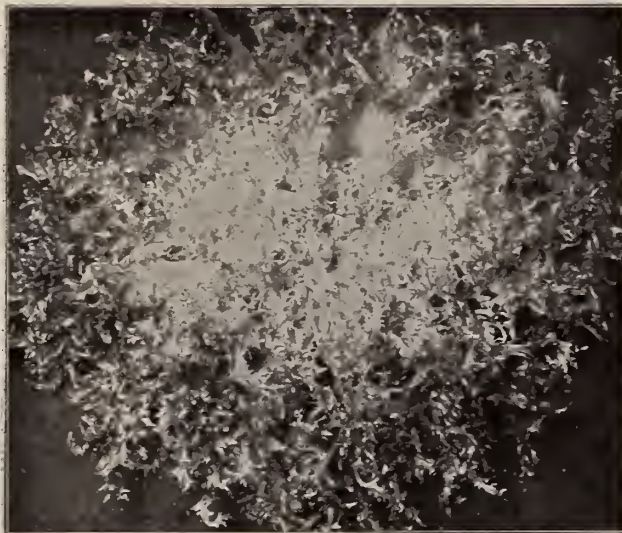
One ounce of seed will sow 150 feet of drill. One and one-half pounds will sow an acre.

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.; 1/2 oz., 30c.; oz., 50c.; 1 lb., \$1.50; lb., \$5.00.



Livingston's Mammoth Purple Egg Plant.





Green Curled Endive.

## 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. The following varieties will be found useful for household purposes, besides being extremely ornamental and serviceable as climbers.

- APPLE**—Small, with very beautiful striped fruit. Pkt., 5c.
- 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.
- BOTTLE-SHAPED**—White and dark green. Pkt., 5c.
- COCCINEA INDICA**—Beautiful foliage and fruit. Pkt., 10c.
- DIPPER**—Used for dippers; 9 to 12 inches long; hold from 1 to 4 pints; will last for years. Pkt., 5c.; oz., 20c.
- GOOSEBERRY**—Small dark green fruits. Pkt., 5c.
- HERCULES' CLUB**—Longest of all; white. Pkt., 5c.
- JAPANESE NEST EGG**—Exactly like a hen's egg in shape, color and size. Pkt., 5c.; ½ oz., 15c.; oz., 25c.
- LEMON AND ORANGE SHAPES**—Attractive. Pkt., 5c.
- PEAR-SHAPED**—A great variety of ringed and striped fruits; very pretty. Pkt., 5c.; ½ oz., 15c.
- SNAKE, or SERPENT**—Has long fruits, sometimes 5 feet, and striped like a serpent. Pkt., 10c.; 3 pkts., 25c.
- SUGAR TROUGH**—Holds 4 to 10 gallons; hard, thick shells; very light, strong and durable. Pkt., 5c.; oz., 15c.

### 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.; large pkt., 10c.; ½ oz., 20c.; oz., 35c.



Dwarf German Kale, Growing in our Trial Grounds.

Endibia ó Escarola

## Endive

Endivien Salat

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

The main sowings are made in June and July. When nearly full grown, gather up the leaves and tie them by their tips in conical form, thereby excluding the light and air from their inner leaves, which then blanch. One ounce of seed will sow 150 feet of drill.

**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.; ½ lb., 40c.; lb., \$1.25.

**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.; ½ lb., 40c.; lb., \$1.25.

**MOSS CURLED**—A beautiful curled variety, somewhat resembling moss; dark green color, and very dense; quality fine. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.25.

**BROAD-LEAVED BATAVIAN**—Broad, thick, slightly wrinkled leaves; forms very large heads, which are much used in soups. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.25.

## 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.

**HOLT'S MAMMOTH SAGE PLANTS**—Each, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00, by mail, postpaid. See list of Vegetable Plants for full description.

**SAGE**—Sow in rich ground and thin out the plants to stand 16 inches apart. Cut the young shoots when flowers open and dry in the shade. Used for flavorings and dressings. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.35.

**DILL**—This herb is used in large quantities in the making of Dill Pickles; also for flavoring vinegar. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

### Other Leading Varieties

	Pkt.	Oz.		Pkt.	Oz.
Anise .....	5c	10c	Peppermint .....	10c	20c
*Balm .....	5c	15c	*Rosemary .....	5c	35c
Borage .....	5c	10c	*Rue .....	5c	20c
*Caraway, lb., 50c.	5c	10c	Saffron .....	5c	10c
*Catnip, or Catmint 5c	30c		Summer Savory..	5c	10c
Coriander, lb., 50c.	5c	10c	Sweet Basil .....	5c	10c
Dill .....	5c	10c	Sweet Marjoram..	5c	10c
*Fennel, Sweet .....	5c	10c	*Tarragon .....	10c	...
*Horehound .....	5c	20c	*Thyme .....	5c	35c
*Lavender, Sweet..	5c	15c	*Winter Savory ..	5c	20c
Pennyroyal .....	10c	60c	*Wormwood .....	5c	20c

## 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. Some of the varieties are the most tender and delicate of the Cabbage family. Can be successfully raised on almost any soil, but the richer it is the better the product. 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 sows an acre.

**DWARF GREEN CURLED, GERMAN GREENS, or SPROUTS**—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green color. Quite hardy. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 65c.

**SIBERIAN KALE**—Dwarf growth, bluish green leaves; extensively grown as winter greens. Sow in September in rows a foot apart, and cultivate the same as Spinach; very hardy and makes an excellent spring greens. We offer a very choice strain of this variety. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 65c.

Special Prices made for 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.

**EARLIEST WHITE VIENNA**—Greenish white outside, with clear white flesh within. Smooth, short leaf; good for forcing; fine quality. Pkt., 5c.; oz., 15c.; ½ lb., 40c.; lb., \$1.50.

**EARLIEST PURPLE VIENNA**—Same in every respect as the Earliest White Vienna, except in the outside color. Pkt., 5c.; oz., 20c.; ½ lb., 60c.; lb., \$2.00.

## 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.



Improved Hanson.

Deacon.

May King.

Iceberg.

Denver Market.

Lechuga **Livingston's Choicest Lettuces** Salat

Lettuces are the most useful of all salads; of the easiest culture, requiring only rich, moist soil and clean cultivation. 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 in the garden in rows 18 inches apart, and set 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  $\frac{1}{2}$  inch deep with fine soil, and when well up thin to 12 inches apart in the rows. One ounce of seed sows 100 sq. ft.; plants 120 feet of row, produces 3000 plants.

**Earliest and Forcing Varieties**

**Livingston's Selected Big Boston Lettuce**

A very desirable large variety for forcing in cold-frames and for outdoor planting. In the kitchen garden there is no better variety to use. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. Heads large, and solid when grown inside, somewhat loose when grown in the garden. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Livingston's Selected Grand Rapids Lettuce**

This superb Lettuce is 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. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**May King**

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, which are ready ten to 15 days before other heading sorts. (See head 3.) Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.



Big Boston Lettuce.

**Loosehead or Cutting Varieties**

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

**Livingston's "Bon Ton"**

This fine variety is of the Simpson Lettuce type, but comes almost absolutely uniform and true. Whole greenhouses full of it are frequently seen without an apparent variation in type. 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., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**BLACK-SEEDED SIMPSON (Curled)**—Very popular among market gardeners, and fine for the home table. Forms a large, loose head. Its nearly white, curly leaves are large, thin, exceedingly tender and of good quality. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$1.25.

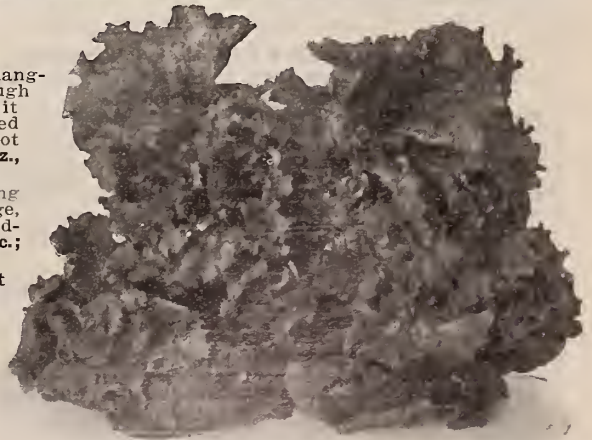
**EARLY CURLED SIMPSON**—A leading early sort; does not head, but forms a compact mass of curly leaves of yellowish green. Matures early; generally grown in cold-frames and as an early crop. Very tender and most crisp. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**PRIZE HEAD**—Mammoth heads; even the outer leaves are crisp and tender; light green, tinged with brownish red. Superior flavor; very hardy; fine for home use; too tender to ship any great distance. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**TILTON'S WHITE STAR**—A favorite for forcing or outdoor planting. Large heads, bright color; crisp and long keeping. A valuable shipping sort. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Special Lettuce Collection**

One full sized packet each of the following—Livingston's Selected **BIG BOSTON**, best head Lettuce; Livingston's Selected **GRAND RAPIDS**, early curled Lettuce; **DEACON**, finest "butter head" Lettuce—for 10 cents.



Livingston's Bon Ton Lettuce.

California  
Cream Butter  
Lettuce.



**SILVER BALL**—One of the best all-year-round sorts. Good for early spring, summer or winter forcing. Excellent quality; heads silver-white, compact, beautifully curled leaves. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 30c.; lb., \$1.00.

## "Butterhead" Lettuces California Cream Butter

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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

### Deacon

(See head 2 in illustration on page 33)

While this Lettuce does not grow so 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 heads 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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**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. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**DEFIANCE SUMMER (Perpignan)**—Very long standing and one of the finest large growing cabbage varieties. Large, solid heads that are slow in running to seed. Leaves a beautiful bright green. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

## Best "Crisp-Head" Lettuces

### 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.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

**WONDERFUL LETTUCE**—This splendid mammoth heading and long keeping variety has been grown to weigh six pounds to the head, and frequently weighs two or three pounds. For exhibition purposes and for an outdoor all-seasons 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.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

### Denver Market, or Savoy Lettuce

(See head 5 in illustration on page 33.) An early head-Lettuce for forcing or open ground. Heads large, solid and of a desirable light green. Leaves beautifully marked and blistered; crisp, tender and delicious. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

We can also supply the following well-known Lettuces: **New York, Mammoth Marblehead, Tennis-Ball, Black and White-Seeded**. Price of each, pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.

## 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.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.

## Leeks

Puerro

Porree oder Lauch

**BROAD SCOTCH, or LONDON FLAG**—A hardy kind; large, strong plants with broad leaves. Cultivation the same as for Onions. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**LARGE MUSSELBURGH (Carentan or Scotch Champion)**—A favorite market sort of enormous size; large, broad leaves; flavor is very mild and pleasant. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

Geo. B. Clark, Cambridge, Ohio, writes: "I got some of your seeds last year, and they gave entire satisfaction. Livingston's 'Crisp-as-Ice' Lettuce cannot be beat. In fact, everything I have ever received of your company was satisfactory."

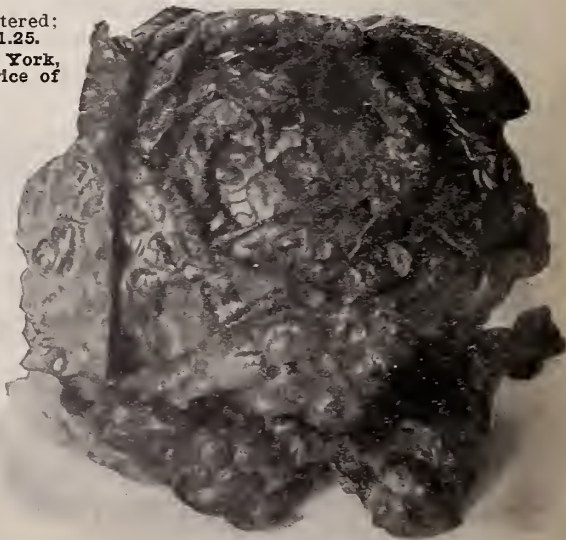
### Iceberg

(See head 4 in illustration on page 33)

A beautiful Lettuce, worthy of universal cultivation. Large, curly leaves of bright, light green, with a very slight reddish tinge at the edges. Very handsome heads, unusually 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.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**Improved Hanson** (See head 1 in illustration on page 33.) None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling that of a flat cabbage, and 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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**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 blanching, are stiff like Celery, and can be eaten in the same manner. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.



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

Mélon Almiracleño  
ó Cantalu

# Musk Melons or Cantaloupes Zucker Melonen

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 six feet apart, and when the plants are well up thinned to stand in hills five to six 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 three feet long. Cultivate often and not deep. **One ounce of seed will plant 60 hills; 2 to 3 pounds will sow an acre.**

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



We consider this excellent sort sufficiently meritorious to give it a place in our Specialty pages, in front of catalog. To further emphasize its importance, we state here that Tip-Top is the finest Melon we know of this class. A trial will usually convince those who doubt. Consult page 5.

**Price** { Under our True Blue Seal } **SUPERIOR STOCK:** Pkt., 10c.; ounce, 20c.; 1/2 pound, 50c.; pound, \$1.75.

## New Hoodoo Musk Melon

See Illustration of Specimen Fruits Photographed in Our Trial Grounds.

A splendid orange-fleshed variety in which there have been developed in highest perfection all the qualities requisite for the ideal shipping melon. The vine is vigorous, resisting blight better than most other sorts, and is very productive. The fruits vary slightly in shape, average nearly round, quite like the Netted Gem. The netting is distinctive in being exceptionally dense and fine, and it extends over practically the entire surface. The rind, although thin, is so very firm that the melons arrive in distant markets in perfect condition. The flesh is very thick, highly colored, of finest texture and most delicious flavor. **Pkt., 10c.; oz., 15c.; 1/2 lb., 50c.; lb., \$1.75.**

**New Fordhook** A very beautiful new sort of most delicious flavor. It is very productive, solid, thick through. Ripens with the popular Rocky Ford. We highly recommend this new sort. It's one of the sweetest we know. **Pkt., 10c.; oz., 25c.; 1/2 lb., 60c.; lb., \$2.00.**

**The Davis Grand** "The Grand" is ten to fourteen days earlier than the Osage, under the same conditions. It is salmon-fleshed, and in flavor and quality equals any variety in cultivation. 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 six inches in diameter. **Pkt., 10c.; oz., 15c.; 1/2 lb., 50c.; lb., \$1.75.**

**BURRELL GEM**—A superior new orange-fleshed shipping melon. Of splendid flavor, sweet and aromatic; oblong shape, smoothly rounded ends, closely netted and slightly ribbed, dark green skin. Rind 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.; 1/2 lb., 40c.; lb., \$1.25.**



Hoodoo Musk Melons—Grown in our Trial Grounds.

## 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., 25c.; 1/2 lb., 75c.; lb., \$2.50.**

**IMPROVED OSAGE, or MILLER'S CREAM**—A favorite salmon-fleshed variety. Large, oval, slightly ribbed and netted; skin very dark green, 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.; 1/2 lb., 40c.; lb., \$1.50.**

**KINSMAN'S QUEEN**—Similar to Emerald Gem, but will average three times as large. Skin yellowish green, and slightly ribbed and netted; flesh deep salmon. **Pkt., 5c.; oz., 10c.; 1/2 lb., 30c.; lb., \$1.00.**

**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.; 1/2 lb., 40c.; lb., \$1.25.**

**STRAWBERRY**—This nice variety has a sweet strawberry flavor, hence the name. Of good market size, weighing 6 to 8 pounds. Outside appearance compares favorably with the Green Nutmeg of old; turns to a yellowish hue when ripe. Its smooth, deep flesh is of an attractive rich color. **Pkt., 10c.; oz., 20c.; 1/2 lb., 40c.; lb., \$1.25.**

**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.; 1/2 oz., 15c.; oz., 25c.**

## The Grandest of All Good Musk Melons Livingston's "Ohio Sugar"

is fully described and illustrated on page 4, while a splendid reproduction in natural colors may be found on the back cover of this catalog. Would space permit, we could fill many pages with descriptive matter 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 15c. per pkt., 2 pkts. for 25c.



Emerald Gem Musk Melons.

## Green-Fleshed Musk Melons Livingston's New Ohio Sugar

(Reproduced in natural colors on back cover of this catalog.)

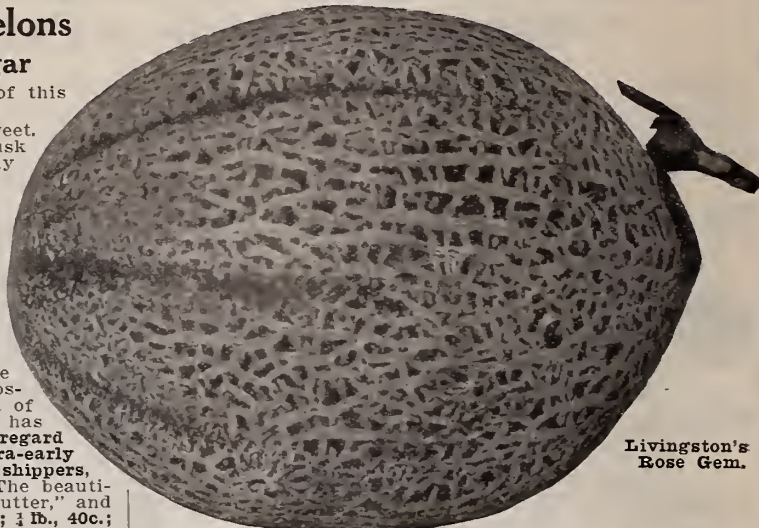
A revelation in Cantaloupes. Wonderfully sweet. Pronounced by experts the most desirable Musk Melon ever introduced. Don't fail to try it. Fully described and illustrated on page 4. Pkt., 15c.

## Livingston's Rose Gem

A FINE GREEN-FLESHED SHIPPING  
MUSK MELON

Named and Introduced by us in 1896

The illustration alongside is a reproduction of a photograph of this improved Netted Gem Melon. In shape it is more oval than the original strain, which gives them additional strength to stand long-distance shipping. The size has also been improved without losing a single day in earliness, and, on account of these valuable features Livingston's Rose Gem has become famous all over the United States. We regard it as the very best and most profitable extra-early melon 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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.



Livingston's  
Rose Gem.

## 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.;  $\frac{1}{2}$  lb., 30c.; lb., \$1.00.

## "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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

## 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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.



Rocky Ford  
Musk Melon.

**ACME, or BALTIMORE NUTMEG**—Has a beautiful, heavily netted, green skin; good size; shape oval, slightly ribbed; flesh thick, green, very finely flavored, smooth, always very sweet, and most productive. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

**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.;  $\frac{1}{2}$  lb., 35c.; lb., \$1.00.

**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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

## Some Other Good Musk Melons

We can always supply the following varieties at the uniform price of—Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25 (except where otherwise noted): **Perfection** (\$1.00 per lb.), **Bay View**, **Cassaba**, **Surprise**, **Hackensack**, **Early Green Nutmeg**, **Jenny Lind** (\$1.00 per lb.), **Montreal Market**, and **Champion Market**.

### WINTER PINEAPPLE

This novel and quite distinct sort, with its peculiar shape and corrugated skin, is certainly a unique variety. Rind very thin, of a rich yellow color tinged with green. Flesh firm, light green in color; delicious pineapple flavor. Fruit is of large size, frequently weighing 15 pounds or more. A wonderfully long keeper. Melons seldom ripen on the vine, but should be carefully picked off after first frost and stored like winter pears in a dry, cool place. Bring into a warm room a few days previous to using. If carefully handled, they may be kept late into the winter. Try a few and see how long you can keep them; then report to us. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 50c.

## Special Melon Offer

Three of Livingston's introductions—**TIP-TOP**, **ROSE GEM**, and **LIVINGSTON'S MARKET**—One regular packet of each, 15 cents, postpaid.

## We Are Extensive Growers

of high-class specialties in vegetables. By this we mean that we are actually planting, cultivating and harvesting many seed crops every year on our own farms. On our "True Blue" Seed Farm we grow many acres of finest strains of Beets, Onions, Tomatoes etc., besides Nursery stock. On our Kirkersville farm we cultivate more than 200 acres which are planted year after year to Onions, Musk Melons, Tomatoes and many other specialties. While writing this we recall the fact that about a month ago (October, 1909) we added to our holdings 80 acres of the richest bottom land in the world, a farm adjoining our Kirkersville properties. On this and our other land we shall continue to grow the finest strains of specialties with which we have supplied our trade right along.

We shall continue to grow the best Tomato seed in the world, the highest type Onions, the finest Musk Melons, and shall take up other specialties more extensively as the demand for them increases. If you want to know what we are doing in the Tomato line, read our booklet, "Tomato Facts," described on page 8. It shows how we evolved the highest type of tomato in cultivation today. It took three-score years to produce a "Coreless" tomato, but the result was worth the effort. What we have done in Tomatoes we propose to do in Onions, Musk Melons and other important classes of vegetables. We solicit trial orders from discriminating planters who desire the highest type of products procurable. "True Blue" Seeds will fit their wants.

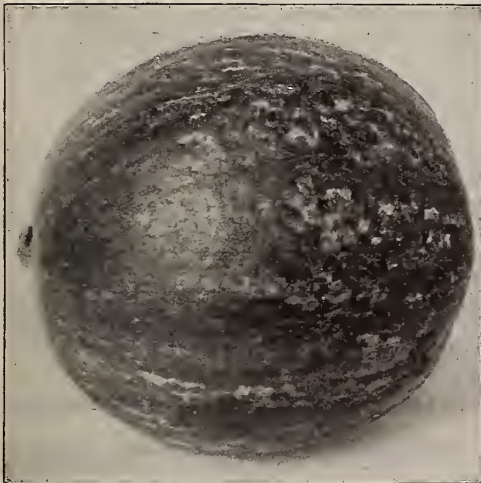




Livingston's Strains of Water-Melons excel in uniformity of product.

Sandiás **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.**



Nabob Water-Melon.

**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, Lusciously 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 pounds), resembling the Kolb Gem in shape, but differing in color, being peculiarly mottled, rather than striped; rind thin and very firm; fruit keeps a long time, and is not excelled in shipping qualities; seeds dark buff or dunn 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. (See illustration.) **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 75c.**



**Florida Favorite**

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., 20c.; 1 lb., 50c.**

**True Ice Cream**

**The Great Kitchen Garden and Home Market Water-Melon**

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 (Ohio) 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 (see illustration); 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.; 1 lb., 65c.**

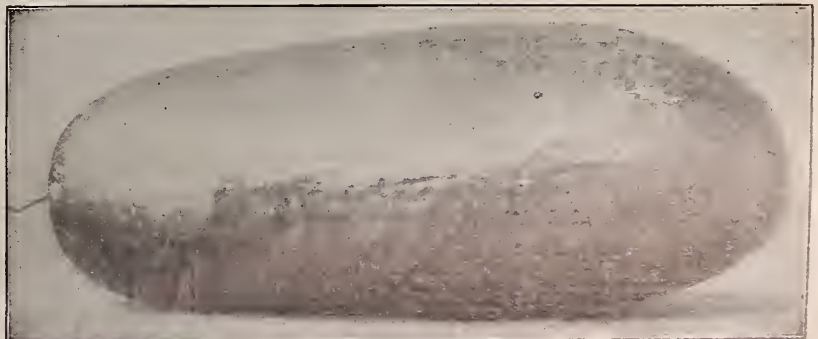
**Sweet-Heart**

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 mottled light and dark green. 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. **Pkt., 5c.; oz., 10c.; 1 lb., 20c.; 1 lb., 55c.**

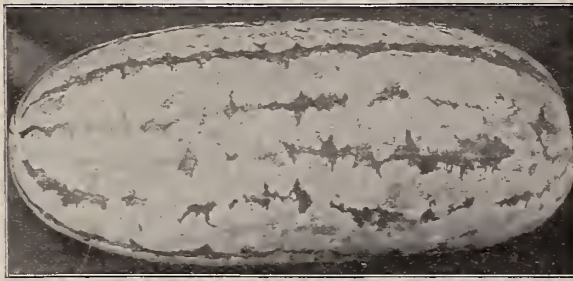
**Kleckley Sweets** This splendid and most sweet Water-Melon has certainly become very popular wherever it has been thoroughly tested. It is of superb, luscious flavor. While the skin is perhaps too thin to admit of the melons being shipped very great distances to market, it is most desirable to plant 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. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 65c.**

**Kolb's Gem** Probably the most extensively grown for long distance shipping of any Water-Melon 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.; 1 lb., 50c.**

**Halbert Honey** A very sweet, long, dark green variety. Fruits average 18 to 20 in. 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., 25c.; 1 lb., 75c.**



True Ice Cream Water-Melon. Pkt., 5c.



Georgia Rattlesnake, or Striped Gypsy.

### 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.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

**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., 15c.;  $\frac{1}{2}$  lb., 20c.; lb., 40c.

**GRAY MONARCH**—Very large; oblong in shape; flesh crimson, and of a delicious flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**IMPROVED DIXIE**—Fruit beautifully striped; surpassed by few for shipping or table; long keeper; flesh very red, sweet and juicy; quality excellent. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 50c.

**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.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**PRIDE OF GEORGIA**—A dark green, oval variety; very fine, large, second-early sort; a good shipper and keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**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.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

**PRESERVING CITRON**—Red seeded; most desirable for preserves; flesh solid and white. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 75c.

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

There is no more mistaken idea than that Mushroom growing is difficult. They will 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.

**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 lb., \$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

Mustard is not only used as a condiment, but 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.

**SOUTHERN GIANT CURLED**—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 2 feet high; enormous bunches. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 60c.

**NEW CHINESE**—A giant curled variety with leaves double the size of the ordinary. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 65c.

## Standard Varieties of Water Melons

**ALABAMA SWEETS**—Large, long, dark green melons of fine quality; skin faintly netted with lighter green stripes. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 75c.

**BLACK DIAMOND**—Very large oval fruits; dark skin; fine quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c. By express—5 lbs., \$1.75; 10 lbs., \$3.00.

**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.;  $\frac{1}{2}$  lb., 25c.; lb., 65c.

**CUBAN QUEEN**—A large variety, weighing 80 pounds and upwards; striped light and dark green; an enormous cropper. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**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.;  $\frac{1}{2}$  lb., 25c.; lb., 60c.

### 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.;  $\frac{1}{2}$  lb., 20c.; lb., 40c.

### Fordhook Early

The largest and best early melon of good size. Next to Cole's Early in time of ripening, but much larger. Fruit round; outer color medium green; flesh bright red, of fine quality. Good shipper. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

### Georgia Rattlesnake, or Gypsy

Very large, long, smooth and distinctly striped; flesh bright scarlet, very crisp and sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**McIVEE 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.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**LIGHT ICING, MOUNTAIN SWEET, MAMMOTH IRON-CLAD, JOHNSON'S DIXIE, and TRIUMPH**—We can supply the above at the uniform price of—Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 60c.



Field of Southport White Globe Onion Seed, "True Blue" Seed Farms, 1909.

Cebollas **Livingston's Superior Onion Seed** Zwiebeln

So proud are we of our "Private Strains" of the leading American Onions that we have given them pages 6 and 7, 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**

**Livingston's Extra Selected Ohio Yellow Globe**

(Please consult also page 6)

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. This is a superb Onion for all classes of soil (well enriched), and especially good for all our muck-lands, on account of its quick maturing qualities. Pkt., 5c.; oz., 20c.; 1 lb., 60c.; 1/2 lb., \$2.00.

**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 lb., 40c.; 1/2 lb., \$1.50.

**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, its attractive appearance and mild flavor give it a ready market. Pkt., 5c.; oz., 20c.; 1 lb., 50c.; 1/2 lb., \$1.75.

**Select Danvers Yellow Globe**

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 very choice home grown seed produces the true globe-shaped Danvers. Unlike California grown seed, which runs too 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) is large in 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.

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 that the seed we offer is right. Pkt., 5c.; oz., 20c.; 1 lb., 50c.; 1/2 lb., \$1.75.



Consult pages 6 and 7.

## American Onions—Continued

## Other Yellow Sorts

## Mammoth Prize-Taker Onion

## EQUALLY AS TENDER AS THE POPULAR 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.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

**PHILADELPHIA YELLOW STRASBURG, or Large Yellow Dutch**—The most popular variety for yellow onion sets, the sort grown so extensively around Philadelphia. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.50.

## AUSTRALIAN BROWN

This variety has become very popular in California because of its good keeping qualities, which are, however, more marked in that climate than in the Eastern states. 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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.25.

## LIVINGSTON'S BROWN BEAUTY

Finest for sets. Fully described and illustrated on page 7. Pkt., 10c.; oz., 25c.;  $\frac{1}{2}$  lb., 70c.; lb., \$2.25.

## White Sorts

## 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 6. Pkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 90c.; lb., \$3.25.

## 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.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00. By express—5 lbs. for \$9.50.

## 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.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00.

## Red Varieties

## SOUTHPORT LARGE RED GLOBE ONION

A very showy market Onion. Flesh fine grained, mild, tender and of excellent quality. Further description and illustration of this excellent sort will be found on page 7. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

**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.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

## Bermuda Onions, and Other Foreign Varieties

**BERMUDA CRYSTAL WAX**—Pure white, flat bulbs, crisp and very mild. Extensively grown in Texas. Pkt., 5c.; oz., 35c.;  $\frac{1}{2}$  lb., \$1.00; lb., \$3.50.

**BERMUDA ISLAND RED ONION**—Genuine seed imported direct from the Island of Teneriffe. A very early pale red Onion. Extremely mild, sweet flavor. Pkt., 5c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.25.

**BERMUDA ISLAND WHITE**—Mild flavor; white in color. Pkt., 5c.; oz., 25c.;  $\frac{1}{2}$  lb., 75c.; lb., \$2.50.



White Bermuda Onions.

PRIZETAKER ONIONS  
AS GROWN ON  
OUR KIRKERSVILLE FARMFROM OUR OWN  
PHOTOGRAPH

## 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.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00.

## Large Red Wethersfield

For general purposes, the country over, no red variety is more largely grown. The largest, most uniform, heaviest yielding, 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. We recommend it as a general cropper and a variety that will do well wherever large Onions can be grown. One of the best keepers. Yields enormous crops. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

**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.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.50.

**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.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{2}$  lb., 40c.; lb., \$1.50.

**HARD ROUND WHITE SILVER SKIN**—For pickling only. Small, round, handsome; an opaque white skin; very hard and crisp. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{2}$  lb., 60c.; lb., \$2.00.

**MAMMOTH SILVER KING**—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., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

**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., 15c.;  $\frac{1}{2}$  lb., 45c.; lb., \$1.50.

**GIANT ROCCO**—A light brown skin, globular in form; flesh tender and mild. This variety will produce an immense Onion from the seed the first season. Pkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

# Livingston's Choice Onion Sets

Steckzwiebeln



Early green Onions are much earlier obtained 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.

**EGYPTIAN WINTER, or PERENNIAL TREE ONIONS**

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. Pt., 20c.; qt., 35c.; ½ pk., 75c.; pk., \$1.25; bu., \$4.75 (measured).

**POTATO ONION SETS**

Esteemed by many as the best green Onion for early use. Large size, mild sweet flavored; the small bulbs are planted in the spring and increase in size; the large parent bulb, planted in the fall or spring, produce clusters of small bulbs almost on top of the ground. Pt., 20c.; qt., 35c.; ½ pk., 65c.; pk., \$1.15; bu., \$4.00 (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.; ½ pk., 60c.; pk., \$1.00; bu., (28 lbs), \$3.50.

## 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.

- WHITE ONION SETS**..... Pint, 15c.; quart, 30c.; ½ peck, 50c.; peck, 90c.; bushel, \$3.50
- RED ONION SETS**..... Pint, 15c.; quart, 30c.; ½ peck, 50c.; peck, 90c.; bushel, \$3.50
- YELLOW ONION SETS**..... Pint, 15c.; quart, 30c.; ½ peck, 50c.; peck, 80c.; bushel, \$3.00

## Quimbombo Okra, or Gumbo Saffran

Very wholesome. The pods, when young, make a fine soup, used alone or in connection with other vegetables. They are also pickled. Plant seed after the ground is warm and dry, thickly, 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.

**WHITE VELVET**—Distinct in appearance; the large pods are perfectly round, smooth, an attractive velvety white, of superior flavor and tenderness. Produced in great abundance. Plant dwarf, of compact, branching growth. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 55c.

**PERKINS' MAMMOTH**—Plant dwarf; very productive. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra choice variety. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 60c.

## "True Blue" Seeds

are as good as the best and better than many good strains. You may be able to buy seeds as good as "True Blue" elsewhere; but you cannot buy them any cheaper, nor could the crops produced be any better, and in many cases they will not be as good. Many seeds are "true to name" and still are of poor pedigree. We know that "True Blue" Seeds are as nearly perfect as human efforts can make them.



Hollow Crown Parsnips.

## 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.

**LARGE SUGAR, or HOLLOW CROWN (Im-perved Guernsey)**—Of intermediate length; white, smooth, sugary, excellent flavor, easily harvested. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

**LONG WHITE DUTCH**—Roots are very long and smooth; one of the very best varieties for general use. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 50c.

## 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.

## Livingston's Exquisite Parsley

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.; ½ oz., 10c.; oz., 15c.; ½ lb., 50c.; lb., \$1.75.

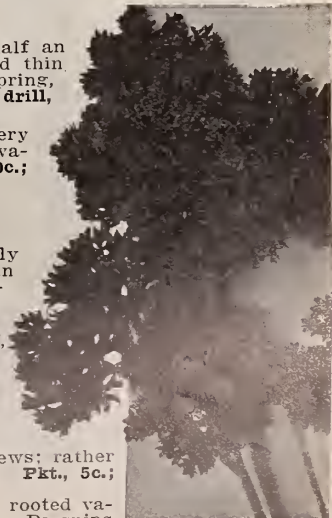


**FINE DOUBLE CURLED**—Dwarf, beautifully curled; very fine variety. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 55c.

**CHAMPION MOSS CURLED**—More densely crimped and curled than some other sorts. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 55c.

**PLAIN**—Much used for soups and stews; rather stronger in flavor than other varieties. Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 35c.

**HAMBURG, or TURNIP-ROOTED**—A rooted variety, of which the fleshy roots resembling Parsnips are used in soups and stews. Pkt., 5c.; oz., 10c.; ½ lb., 20c.; lb., 55c.



Livingston's Exquisite Parsley.



Chicaros  
o 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 for 1909 was even more disastrous than that of any preceding year. 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 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. **Large pkt., 10c.; ½ pt., 20c.; pt., 30c.; qt., 50c.; ½ pk., \$1.20; pk., \$2.25.**

#### 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; and it is immensely productive for such an early variety. We are convinced that Livingston's First-in-Market leads all extra-early sorts. **Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$2.25.**

#### 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; very uniform in maturing the crop; of excellent quality, and retains its desirable color after cooking. Our strain is especially fine. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., 95c.; pk., \$1.75; bu., \$6.50.**

#### Extra-Early Wrinkled Sort

##### Nott's Excelsior

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., 30c.; qt., 50c.; ½ pk., \$1.20; pk., \$2.25.**

Nott's  
Excelsior  
Peas.



Gradus Peas.

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

**FIRST AND BEST**—Height 2½ feet; a standard, extra-early Pea. Very hardy and productive. Planted early. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.15; pk., \$2.20.**

**IMPROVED TOM THUMB**—Dwarf. grows about 9 in.; can be planted very close; early; good quality. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.15; pk., \$2.20.**

Early Wrinkled Sorts—Continued.

**Gradus or Prosperity**

Without doubt the earliest large wrinkled Pea known. Exceedingly sweet, tender and luscious, fairly melting in your mouth. (See illustration on page 42.)

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 their handsome, large pods profusely all over the vine. The pods are nearly round, long and straight; fully as large as the Telephone, and are 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., \$1.50; pk., \$2.75.**

**Thomas Laxton** A new early wrinkled variety of great merit. 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. It certainly is one of the very best Early Peas ever produced. **Pkt., 10c.; pt., 35c.; qt., 60c.; ½ pk., \$1.50; pk., \$2.75.**

**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., \$1.20; pk., \$2.25.**

**Gregory's Surprise** —An extra-early wrinkled Pea. 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 2½ inches in height and need no brushing if sown thin. Pods well filled, containing six or seven peas. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½ pk., \$1.15; pk., \$2.20.**

**Premium Gem**  
See Illustration Above

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., \$1.15; pk., \$2.20.**



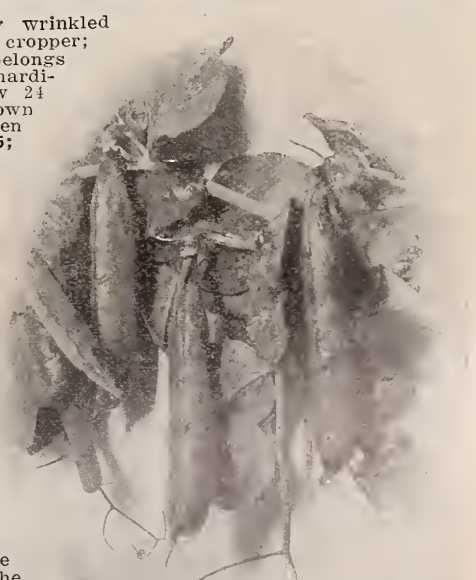
Premium Gem Peas.

**Three Fine New Early Wrinkled Varieties**

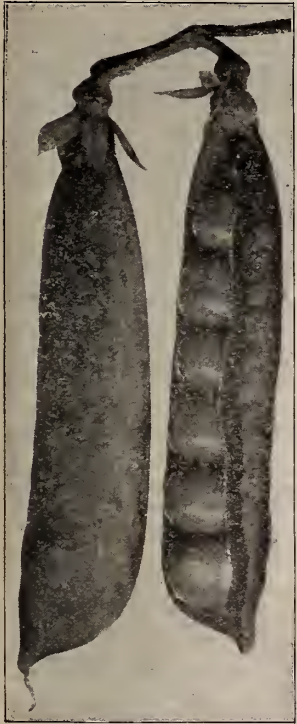
**Early Prize** A very prolific new wrinkled Pea. This excellent variety is a cross between the old Tom Thumb and McLean's Advancer. It is much larger than the Tom Thumb, producing vines 18 inches high, and earlier than the Advancer. The vines are vigorous and upright in growth; hardy and very productive. 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., \$1.15; pk., \$2.20.**

**New Hardy "Frost King" Pea** 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 include a small quantity at least with their early orders, as we are sure all market gardeners will want to test it. **Pkt., 10c.; pt., 30c.; qt., 50c.; 4 qts., \$1.20; pk., \$2.25.**

**Sutton's Excelsior** An 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 and of superior quality. Very prolific. We believe this is a Pea which has "come to stay." **Pkt., 10c.; pt., 40c.; qt., 75c. (See illustration below.)**



Sutton's Excelsior.



Alaska Peas.

**Why Not Buy a Dollar Collection**

It'll pay you (more so this year than any time before) to invest in one of our Dollar Collections. The past season has proven particularly disastrous with many seed crops, and on quite a number of items we were obliged to advance prices. We have neither advanced the price of our famous Dollar Collection, however, nor have we cut down the number of packets, and the amount of seed in each packet is the same as it always was. All these facts combined should make the buying of a "Dollar Collection" real attractive to many of our customers. Just what you would get is fully shown on page 16, while the arguments presented there will appeal to every wideawake seed buyer. One of these Dollar Collections would be a very acceptable present for one of your gardening friends. Not only would it please him (or her) when it arrives, but the products of the seeds will remind your friend throughout the season of the thoughtful giver. Send along the name and address of some one whom you value, attach a dollar bill, and the Collection will be forwarded with your compliments.

## Second Early and Main Crop Peas

### McLean's Advancer

See illustration on top of page 42.

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.;  $\frac{1}{2}$  pk., \$1.15; pk., \$2.20.

### Improved Stratagem

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  $5\frac{1}{2}$  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  $2\frac{1}{2}$  feet. The quality is excellent." Notwithstanding the large amount of inferior and spurious stock which has been sold, no Pea of recent introduction has gained more rapidly in popularity than this, thus showing that it has sterling merit which gardeners appreciate. Our stock has been carefully selected and is true. Pkt., 10c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.20; pk., \$2.50.

**HORSFORD'S MARKET GARDEN**—A very fine second-early green wrinkled variety, not only good for family gardens, but for canners and especially market gardeners' purposes. Vines 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.;  $\frac{1}{2}$  pk., \$1.10; pk., \$2.00.

**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.;  $\frac{1}{2}$  pk., \$1.15; pk., \$2.20.

### 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., 40c.; pk., \$1.15; bu., \$4.25.

**YORKSHIRE HERO**—A very fine, large, dwarf, wrinkled variety, of extra fine quality and very productive. Vines  $2\frac{1}{2}$  feet high, bearing great numbers of large, well-filled pods. Pkt., 10c.; pt., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., \$1.10; pk., \$2.00; bu., \$7.00.

### Livingston's Prolific Giant-Podded Sugar Peas

Excels all other Sugar Peas in size, productiveness and quality. Vines 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. Pkt., 10c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.20; pk., \$2.25; bu., \$8.50.

**MELTING SUGAR**—This variety grows to the height of 5 feet; bears a profusion of very large, broad, handsome, light green (nearly white) pods, which are so brittle that they snap without any strings. Sweet, tender and of excellent flavor. Pkt., 10c.; pt., 35c.; qt., 60c.

**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.

**BLACK-EYED MARROWFAT**—Similar to White Marrowfat above, but the seed has a dark eye; used for late crop; an old-fashioned variety. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.35; bu., \$5.00.

**FIELD AND COW PEAS**—See page 59.

### 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, early (see page 43). Telephone, late (see above).

McLean's Advancer, medium (see above).  
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.



Telephone Peas.

### 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.;  $\frac{1}{2}$  pk., \$1.50; pk., \$2.75.

**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.;  $\frac{1}{2}$  pk., \$1.10; pk., \$2.00; bu., \$7.00.

**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 most delicious flavor. Pkt., 10c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.35; pk., \$2.50.

**SHROPSHIRE HERO**—A second-early, large, wrinkled Pea; a robust grower; grows  $2\frac{1}{2}$  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., 35c.; qt., 60c.

**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., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., \$1.20; pk., \$2.25.

**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 large, tender and of superior flavor. Pkt., 10c.; pt., 25c.; qt., 45c.;  $\frac{1}{2}$  pk., \$1.15; pk., \$2.20.

**ALDERMAN**—A very large podded, late, wrinkled variety of vigorous growth,  $3\frac{1}{2}$  to 4 feet high, producing straight pods from  $4\frac{1}{2}$  to 5 inches long, well filled with large peas of excellent flavor. Pkt., 10c.; pt., 30c.; qt., 50c.;  $\frac{1}{2}$  pk., \$1.20; pk., \$2.25.

**HEROINE**—Is a medium-early green wrinkled Pea, about 2 to  $2\frac{1}{2}$  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.;  $\frac{1}{2}$  pk., \$1.15; pk., \$2.20.

**Some Reasons Why Our Business Grows**  
Mrs. Phebe Seigley, Tiffin, O., writes: "I have been using your seeds for seven years and can always speak a good word for them. They have always been just what you represented them to be."

George Homback, Douglas, Ill., writes: "Your seeds have always given me the best results and I shall use no other as long as I can get the 'True Blue' Seeds. I will tell my neighbors and friends about them."



# Livingston's Choice Peppers

## Pimiento

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.**

## Pfeffer

# Livingston's Mammoth Ruby King

(Illustrated below)

**Our Mammoth Ruby King Pepper is 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 (see photograph of these Peppers; note the size as shown by the rule at the bottom) and handsome appearance make it sell most readily in any market, and for the kitchen garden it is a special feature. 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. **They can even be sliced and eaten with salt and vinegar (like Tomatoes or Cucumbers), and are most appetizing.** Each plant produces from six to twelve handsome fruits of the brightest ruby red. **Our Special Selected Seed—Pkt., 5c.; large pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.**



## Livingston's New Ohio Crimson Pepper

The Sweetest, Biggest and Best of All

This grand Pepper was introduced by us in 1906 and has already established itself in popular favor. 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. 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, and even the seeds, may be eaten from the hand without any of the fiery sensation. Growers tell us they have no difficulty in selling all they can grow, customers preferring it to all others for making mangoes. Livingston's Ohio Crimson has been thoroughly fixed in type for several years. Our seed is saved from fine, large specimens. **Pkt., 10c.; ½ oz., 30c.; oz., 50c.; ¼ lb., \$1.35; lb., \$5.00.**

## New Upright Sweet Pepper

This Pepper is fully twice as productive as any very 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. This Upright Sweet Pepper will prove a grand market Pepper. **Pkt., 10c.; oz., 50c.; ¼ lb., \$1.35; lb., \$5.00.**

## Chinese Giant Pepper

Without doubt one of the very best and largest Mango Peppers 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., 25c.; oz., 45c.; ¼ lb., \$1.25; lb., \$4.50.**

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

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

## Livingston's Improved Thick Long Red

**A great improvement on the ordinary Long Red Cayenne**, being 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. Grown almost exclusively for some markets. Exceedingly prolific; very hot and handsome. **Pkt., 5c.; ½ oz., 15c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.**

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

**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.**

**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.**

**CORAL GEM**—Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals. A splendid sort for pepper sauce, and makes a ready selling ornamental plant. **Pkt., 10c.; ½ oz., 20c.; oz., 35c.**

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

**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.**

**CARDINAL**—Curved, tapering pods, 4 to 5 inches long and thick at the stem end. Very sweet and tender, and exceedingly handsome. Nothing excels it in depth, purity and brilliancy of color. Worthy of cultivation for its beauty alone. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.**

**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.**

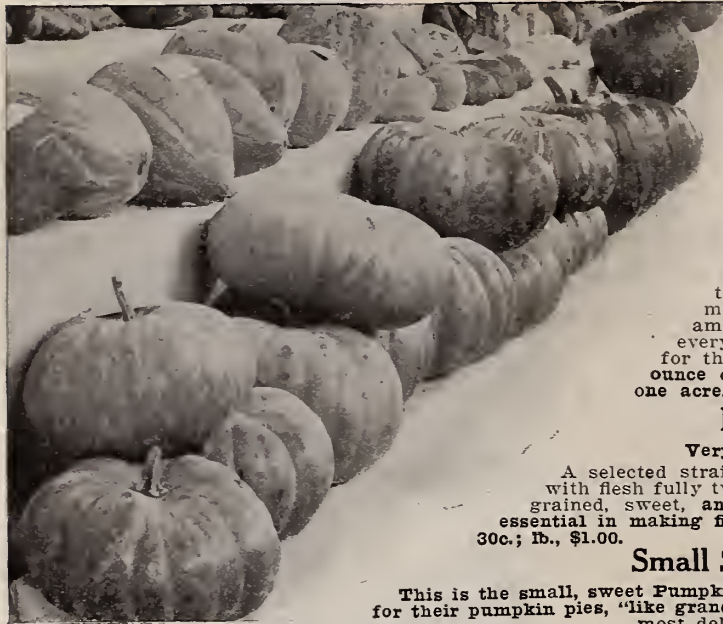
**CHERRY RED**—Fruit small, round, rich scarlet and exceedingly hot. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.**

**Golden Queen, Golden Dawn, Orange Mammoth.** Price of each sort—**Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**"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.





## Livingston's Prize-Winning Pumpkins

Calabazas 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.

### 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 in making first-class pumpkin pies. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.



### Small Sweet or Sugar Pumpkin

This is the small, sweet Pumpkin that has made the New England States famous for their pumpkin pies, "like grandmother used to make." It is a very fine grained, most deliciously sweet flavored Pumpkin; and a splendid keeper all through the winter. They average about 10 inches in diameter, of a round, flattened shape; deep orange-yellow color. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

### Large Common Yellow Field Pumpkin

(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.

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

**JAPANESE PIE**—Crooked neck; quality fine; very productive; ripens early; medium size; good keeper. Excellent for pies. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; lb., 75c.

**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.

**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.

### LIVINGSTON'S PUMPKIN MIXTURE

One Sowing Furnishes Pumpkins for the Season

At our True Blue Seed Trial Grounds we annually grow all the standard varieties of Pumpkins, to test our stocks. But as we plant these Pumpkins side by side, in order that we may better compare their various merits, this seed is not free from mixture and can only be sold as Mixed Pumpkin Seed. It is offered especially to those who wish to grow a grand collection of Pumpkins for the fall fairs. For Ten Cents you obtain seed of every variety in the list and many fine sorts. Large pkt., 10c.; oz., 15c.; 1 lb., 35c.; lb., \$1.00.

### Rhubarb, or Pie Plant

Ruibarbo

Rhabarber

Requires a deeply cultivated and thoroughly manured soil. It is now cultivated to a great extent, and indispensable wherever it is known. Sow the seed early in the spring, in rows 1 foot apart; the second year after planting they can be removed in autumn to the permanent place in the garden allotted to them. Plant the roots 2 feet apart each way, in ground that is well enriched, at least 2 feet deep. Seed does not always produce the identical variety, but if you purchase roots you are absolutely sure of the special variety you need. Rhubarb can be cured for winter use by cutting the stalks into small pieces, string them and expose to the sun until perfectly dry; keep in a dry place. One ounce of seed gives 500 plants.

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

**LINNAEUS**—A very early sort; fine grained, delicious. Pkt., 5c.; oz., 10c.; 1 lb., 30c.; lb., \$1.00.

**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.

### Large Sweet Cheese

Best for canning. 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., 40c.; 3 lbs., \$1.00, postpaid.

### A Mammoth Pumpkin, Boulogne Gray

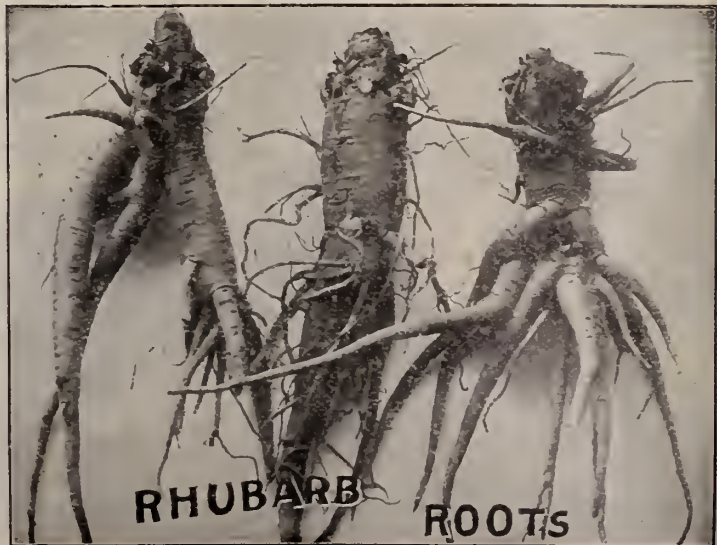
Vigorous, early, very productive and attains immense size, often from 2½ to 3 feet across and about half as thick. The skin is a dark olive green, marked with longitudinal bands of a lighter shade. The whole surface is finely marked with parallel lines, which give it a gray tint. Flesh yellow, thick. Splendid for stock. Try it if you want a big Pumpkin. Pkt., 5c.; oz., 10c.; 1 lb., 15c.; lb., 40c.

### 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.

**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.





**Eabanitos The Best Radishes 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**

**Scarlet Globe** This splendid globe Radish is the very finest early strain of the round, bright red Radishes (see illustration). Nothing can surpass its table excellence or its beauty. The skin is 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.; 1/2 lb., 25c.; lb., 75c.**

**Rosy Gem** (See illustration above from our own photo) One of the earliest; perfectly globular; 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.; 1/2 lb., 20c.; lb., 55c.**

**Non Plus Ultra** or Fireball. The earliest forcing Radish in cultivation; a pretty little round Radish, 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.; 1/2 lb., 20c.; lb., 50c.**

**EARLY SNOWBALL**—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.; 1/2 lb., 20c.; lb., 55c.**

**SCARLET TURNIP, White-Tip**—Handsome bright scarlet, with white tip; most attractive; quality splendid. **Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 55c.**

**Crimson Giant Radish** 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.; 1/2 lb., 30c.; lb., 90c.**



Scarlet Globe Radishes.

**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.; 1/2 lb., 20c.; lb., 50c.; 5 lbs., \$2.25, post-paid.**

**EARLY SCARLET TURNIP RADISH**—A very early, small, round Radish; entire Radish is 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.; 1/2 lb., 20c.; lb., 55c.**

**MODEL WHITE BOX**—Short top, rapid growth; perfect turnip shape; extra fine quality, remaining solid and juicy a long time; especially for growing under glass in frames. **Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 65c.**

**GOLDEN DRESDEN**—Tops very small; perfectly round, smooth, early, uniform in shape. Skin light golden brown; flesh white, brittle, tender. **Pkt., 5c.; oz., 10c.; 1/2 lb., 25c.; lb., 65c.**

**Early Long Varieties**

**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.) Skin scarlet colored, very thin, the flesh crisp, brittle and of delightful flavor. The finest long red Radish in existence for forcing,

and outsells all others in any market. **Pkt., 5c.; oz., 10c.; 1/2 lb., 20c.; lb., 65c.**

**EARLY LONG SCARLET SHORT-TOP**—Admirable for forcing; 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.; 1/2 lb., 20c.; lb., 60c.**

**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.; 1/2 lb., 20c.; lb., 50c.**





### Early Long Sorts—Continued.

## Livingston's Pearl Radish

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.;  $\frac{1}{2}$  lb., 30c.; lb., 90c.



**BRIGHTEST LONG SCARLET (Cardinal White-Tipped)**—Resembles Early Long Scarlet Short-Top in shape and size; extra-early; bright scarlet; white-tipped; rapid seller. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 75c.

### 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.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

### 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.;  $\frac{1}{2}$  lb., 25c.; lb., 80c.

## Summer Radishes

**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.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

**GOLDEN GLOBE**—Most perfect globe shape; golden colored skin; very quick grower; white flesh, tender, brittle; long standing. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

**LARGE WHITE SUMMER TURNIP**—A favorite with market gardeners. Round, smooth; very white; crisp and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

**WHITE LADY FINGER, or Long White Vienna**—Beautiful in shape; skin and flesh pure white, very crisp and brittle; a most rapid grower and long standing. A fine variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.; lb., 75c.

**GRAY SUMMER TURNIP**—Crisp, tender, brittle; choice variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 60c.

## Livingston's All-Season's Radish Mixture

Livingston's All-Seasons Mixture of Radish Seed 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. You will be surprised and delighted with our popular Radish Mixture. 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.;  $\frac{1}{2}$  lb., 35c.; lb., \$1.00.

**Remember** We pay the postage on all seeds by the packet, ounce, quarter-pound, pound, pint and quart, unless noted otherwise. For complete information about "Seeds by Mail," see page 17.

**Remember** One sowing will supply your table with crisp, delicious Radishes all summer. Large pkt., 10c.

**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.;  $\frac{1}{2}$  lb., 20c.; lb., 60c.

**CHARTIER LONG WHITE (Nonpareil)**—Developed from the preceding and in all respects similar, only color is pure white. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 30c.; lb., 90c.

**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.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

### Babanos Winter Varieties Bettige

Sown in summer and used in the fall, or put away same as you do Turnips for winter use.

**CALIFORNIA MAMMOTH WHITE**—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.;  $\frac{1}{2}$  lb., 20c.; lb., 65c.

### CHINESE ROSE WINTER RADISH

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. A very fine Radish. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 60c.

**LONG BLACK SPANISH**—Grows 5 to 8 inches long, 1 to  $1\frac{1}{2}$  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.;  $\frac{1}{2}$  lb., 20c.; lb., 60c.

**LONG WHITE SPANISH**—Differs from Long Black Spanish in color only. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

**ROUND BLACK SPANISH**—Like above except in shape; fine for winter. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**SCARLET PAMIE**—Fine, deep red, turnip-shaped sort of crisp, mild flavor; one of the best we know. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 30c.; lb., 90c.

**WHITE CHINESE (New Celestial)**—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. Market gardeners will find this a splendid seller. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 30c.; lb., \$1.00.

**SPECIAL PRICES on Large Quantities of Radish Seed.**



Golden Summer  
Crocket, and  
Golden Custard  
Squashes.

Cidracayote **Squashes** Speise-Kürbisse

Do not plant until the weather has become firmly settled and the ground is warm and dry. Then plant in hills 5 to 6 feet apart for bush varieties, such as Mammoth Yellow Bush Scallop, Giant Golden Summer Crookneck, etc., and in hills 6 to 8 feet apart for running varieties, such as the Hubbards, and other winter sorts; the hills should be thoroughly manured. Slightly elevate the hills and place seven or eight seeds in each, so as to have plenty for the bugs, 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. Ground plaster, or Hammond's Slug Shot, are as good as anything yet found for keeping off the squash bugs. One ounce of the Bush varieties for 40 hills, or of the large-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**

**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. (See illustration.) Its cooking qualities are unexcelled. One of the best varieties for the market or table use. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

**Mammoth Yellow Bush Scallop**

(Golden Custard Bush Squash.) (See illustration.) 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.; ¼ lb., 20c.; lb., 55c.**

**MAMMOTH WHITE BUSH SCALLOP**—Excellent large strain, earlier than the common sort; creamy white; splendid for market or home garden; good shipper. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.**

**LIVINGSTON'S IMPROVED CUSHAW**—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.; ¼ lb., 25c.; lb., 65c.**

**Sorts for Winter Use**

**CANADA WINTER CROOKNECK**—A good old standard pie Squash. Long keeper. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.**

**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. It is best as a fall and winter variety, improving with age. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.**

**MAMMOTH CELLI**—Largest of all Squashes. Oblong, productive; profitable for stock. **Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.**

**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.; ¼ lb., 40c.; lb., \$1.25.**

**Chicago Warted 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; good keeper. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

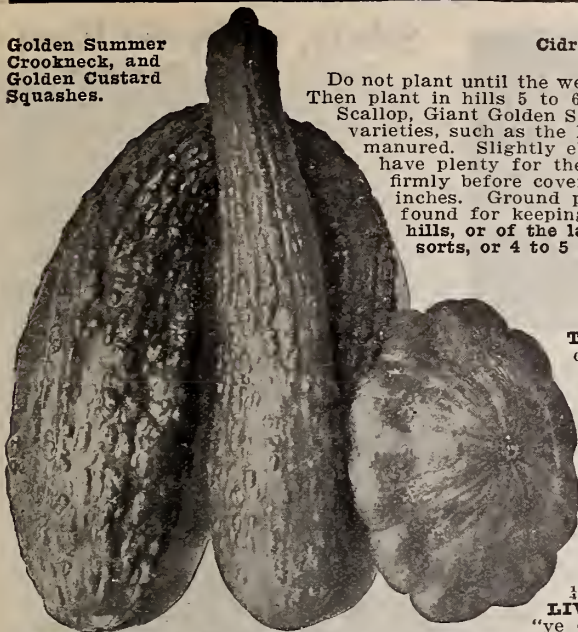
**HUBBARD SQUASH**—The standard winter Squash. It is of good size, often weighing 9 to 15 pounds. Color bluish green. Flesh fine grained, sweet and of excellent flavor. Has a very hard shell and will keep perfectly until spring. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

**GOLDEN HUBBARD**

Color bright, rich orange-red; showy and attractive. Shell hard and warty. Flesh deep golden yellow, fine grained; cooks very dry and of splendid flavor. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.**

**LIVINGSTON'S SQUASH MIXTURE**

One sowing, Squashes for season. Contains an almost endless variety of summer and winter sorts, just suited for growing for exhibition or table. **Large pkt., 10c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00**



**FORDHOOK**—Flesh dry, sweet; early, sure cropper and productive. Skin thin and meat thick; equally good for summer and winter use. **Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.**

**Livingston's Pie Squash**

Rich, Sweet Flavor. Makes Good Pies Without Eggs. Fine Size. Great Yielder.

Livingston's Pie Squash is far in advance of any Pumpkin in quality. 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. It is a ready seller. Size, 8 to 10 inches in diameter. **Large pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.**



**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. It is splendid for stock feeding. **Pkt., 10c.; oz., 25c.; ¼ lb., 75c.**

**DUNLAP'S PROLIFIC, or ORANGE MARROW**—The earliest of the fall varieties, and much sooner ripe than any other Marrow Squash. Very prolific, an attractive bright orange red; it is a general favorite, as its quality is the best. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

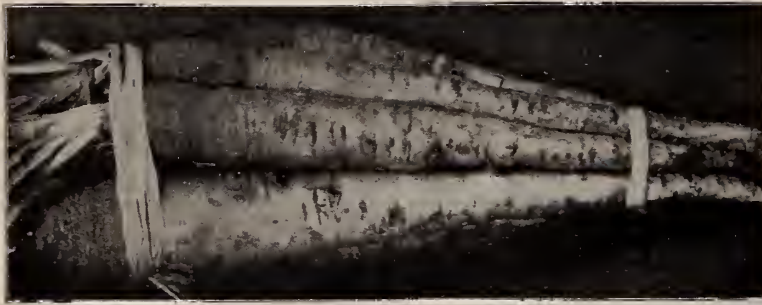
**BOSTON MARROW**—Of oval form and thin skin. Color a rich orange; of good size, excellent flavor and keeps well. A most valued variety. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

**ESSEX HYBRID**—Hard shell; solid, thick-fleshed, fine grained, rich flavored; prolific and of the best quality. Flesh rich orange color. Turban shape. There is no better sort for general crop. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.**

**MARBLEHEAD**—Of bluish color; sweet and dry; fine flavor; shape long-oval, pointed both ends. **Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.**

A Row of Warted  
Hubbard  
Squashes.





### 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.;  $\frac{1}{2}$  lb., 35c.; lb., \$1.15.

### 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 the approach of cold weather cover lightly with straw or any handy litter. Uncover the plants when they begin to make a new growth in 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.

**Improved Thick Leaf (Viroflay)**—The market gardener's favorite for fall or spring sowing. This splendid market variety is the favorite sort in this country. It produces very large and thick green, crumpled leaves; remains a very long time in saleable condition. It is just as good for home garden as for the market. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 30c.

**VICTORIA**—Very quick to mature after sowing, but a later sort somewhat than the Improved Thick Leaf; large, exceedingly thick, dark black-green leaves, curled in the center. A very fine sort for spring sowing. Fine for the kitchen garden. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 30c.

**CURLED-LEAVED SAVOY (Norfolk or Bloomsdale)**—Large wrinkled leaves, upright growth; fine quality. Earliest variety, but will not stand long. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 30c.

**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.;  $\frac{1}{2}$  lb., 15c.; lb., 30c.

**ROUND LEAVED SUMMER**—Good sort for early spring; stands the winter well; not so hardy as Prickly Seeded; leaves large, thick, fleshy. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 30c.

**LONG STANDING**—Does not run to seed as quickly as others. Leaves smooth, very dark rich green. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 30c.

Prices of Spinach Seed sent by express, purchaser paying charges: Lb., 20c.; 5 lbs., 85c.; 10 lbs., \$1.50. Prices on larger quantities will be quoted upon application.

## Salsify, or Oyster Plant

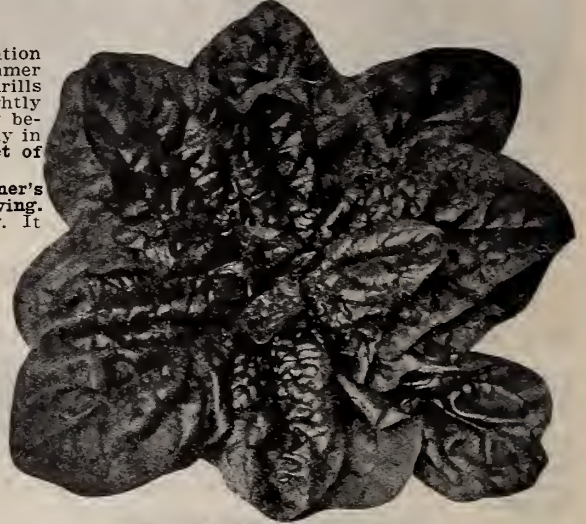
Salsifi

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. Sow early in drills 18 inches apart and cover firmly 1 inch deep; thin to three inches apart in the drills. One ounce of seed will sow 50 feet of drill; 8 pounds is sufficient to plant an acre.

### Wisconsin Golden Salsify

For fine quality, delicious flavor, extreme richness and tenderness it is not excelled by any of the old varieties. Roots are a very rich golden color. Much esteemed sort wherever known. Pkt., 5c.; oz., 15c.;  $\frac{1}{2}$  lb., 45c.



Improved Thick-Leaved Spinach.

## Nabos Turnips Rüben

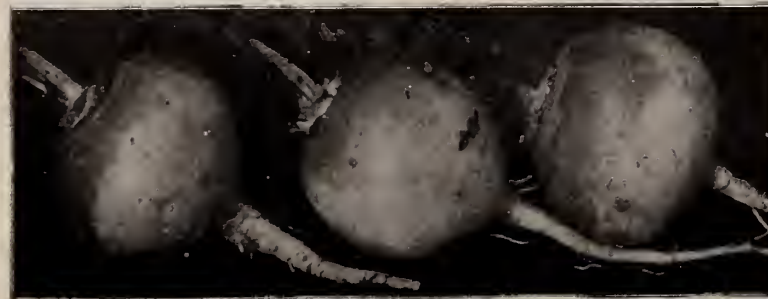
First-early varieties of Turnips should be planted just as early in the spring as the ground is dry and warm. May be sown in drills, beds or later broadcast. Plant in drills at least 12 inches apart and thin out plants when well up to from 6 inches apart down to 3 inches, according to the variety. Cultivate often and thoroughly. One ounce of seed sows 100 feet of drill; one pound for an acre.

**Purple-Top White Globe** A variety of decided merit. Globular shape, (see illustration) and of superior quality, either for the table or stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.

**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., 45c.; 3 lbs., \$1.25, postpaid.

**EARLY SNOWBALL**—Medium sized round Turnip; pure white, fine flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**EXTRA-EARLY PURPLE-TOP MILAN**—Earliest of the flat Turnips, with beautiful purple top. Mild and sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 55c.



Purple-Top White Globe Turnips.

**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., 55c.

**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.

**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.

**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., 50c.

**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., 65c.

**YELLOW GLOBE, or Amber**—Flesh firm, sweet; large; fine for table or stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.

**GOLDEN BALL, or Orange Jelly**—Rapid grower; globe shaped; bright yellow. Best yellow sort for table use. Keeps well. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 45c.

### Ruta-Bagas

(Swedish or Russian Turnips)

**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.

**WHITE RUSSIAN, or Large White**—Grows very large; excellent for table or stock; flesh firm, white and solid; the best keeper of any white variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 20c.; lb., 50c.



Livingston's  
Hummer Tomatoes.  
Two-thirds natural  
size.  
(For full description  
see page 10.)

## Livingston's FAMOUS TOMATOES

are described and (most of them) illustrated on pages 8 to 14 of this catalog. For the busy man, however, who has not 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 the most unique booklet published this season. It tells all about Livingston's Famous Tomatoes and is illustrated with thirty 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 beautiful de luxe booklet (printed in two colors, the cover in 4 colors) 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.	1/2 pound.	Pound.
Livingston's Coreless. Ideal for many purposes. See page 10.....	\$0 15	\$0 45	\$1 25	\$4 50
Livingston's Hummer. Fine for canning whole. Described and illustrated on page 10.....	10	35	1 10	4 00
Livingston's Stone. The greatest canning Tomato known. See page 11.....	10	25	75	2 75
Livingston's Paragon. The well-known standard, glossy deep red. See page 13...	10	25	75	2 75
Livingston's Perfection. Always a favorite. Early, smooth, prolific. See page 12.	10	25	70	2 25
Livingston's Dwarf Stone. The best large-fruited upright sort we know. Consult page 13.....	10	30	85	3 00
Livingston's Favorite. Large, smooth, of best quality. Described on page 12...	10	25	75	2 25
Livingston's Dwarf Aristocrat. Large, solid, smooth; rich bright red. See page 14.....	10	30	85	3 00
Livingston's Honor Bright. Long keeper and good shipper. Consult page 13....	10	25	75	2 50
Livingston's Royal Red. Very handsome sort; fine for canning and catsup. See page 14.....	10	25	75	2 75
Livingston's Aristobright. Very productive dwarf; solid and of good flavor. Consult page 14.....	10	25	75	
Livingston's Dandy Dwarf. Very stocky and robust. Excellent fruit. See page 14.	10	25	75	
Livingston's Multicolor. Fruit smooth and solid; very prolific. See page 14.....	10	25	75	

### Livingston's Famous Purple Sorts

Livingston's Globe. Full description and illustration will be found on page 9...	10	40	1 25	4 25
Livingston's Beauty. Of perfect shape and excellent quality. Described on page 11.....	10	25	70	2 25
Livingston's Acme. Of fine quality. Our strain is superb. Consult page 12....	10	20	60	2 00
Livingston's Magnus. One of the best for growing on stakes. See page 12.....	10	30	85	3 00
Livingston's Buckeye State. The largest sort introduced by us. Consult page 13.	10	40	1 25	4 50
Livingston's Improved Dwarf Champion. Firm, solid, thick fleshed. Described on page 14.....	10	25	75	2 75
Livingston's Potato Leaf. Fine for growing on trellises. See page 14.....	10	25	75	2 50
Livingston's Dwarf Purple. Fruits thick through; flesh solid. Consult page 14..	10	25	75	2 75
Livingston's Royal Colors. Golden potato-leaved foliage. Described on page 14.	10	25	75	
Livingston's Princess. Very productive. Handsome, solid fruit. See page 14....	10	25	75	
Livingston's Grandus. Similar to Honor Bright, but purple fruited. See page 14.	10	25	75	

### Livingston's Yellow and Small Fruited Sorts

Livingston's Golden Queen. Queen of all the yellows. Described on page 14....	10	25	75	2 50
Livingston's Gold Ball. Grows in clusters. An enormous bearer. See page 14..	10	25	75	2 50
Livingston's Dwarf Yellow Prince. Very early, of good flavor. Described on page 14.....	10	30	85	3 00
Livingston's Rose Peach. Fine for preserves. Bears abundantly. See page 14..	10	25	75	2 75

**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.



## 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. Lengthy descriptions we cannot give, as space is limited. But our customers may rest assured that the seed stock we offer is as fine as you can buy anywhere, and in many cases we have improved the original strain.

### Sparks' Earliana

(See illustration above 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 hardiness, 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 2½ inches in depth. They are fleshy, solid and excellent for shipping purposes. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.25.

### 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, but the leaves are dark green and not inclined to curl. Flesh thick, bright scarlet, solid, with comparatively few seeds and of sweet flavor; skin thin, but strong enough to make it a good shipper. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

### June Pink

Ripens as early as Sparks' 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 both 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 2½ to 3 inches in diameter and 2 to 2½ 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., 30c.; ¼ lb., 35c.; lb., \$3.00.

### Best Forcing Tomato, Comet

This is 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., 35c.; ¼ lb., \$1.10; lb., \$4.00.

### 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.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

### MATCHLESS

Color, very rich cardinal red. Large size, especially solid; very smooth and productive. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

### 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.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

### SUCCESS

Resembles our Livingston's Stone Tomato very much, but of smaller size. A good red, smooth, solid and productive sort. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

### MAGNIFICENT

A large and productive, smooth variety, with beautiful scarlet colored fruit. Reliable. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.00.

### TRUCKER'S FAVORITE

A large fruited purple Tomato; solid, smooth and productive. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

### ATLANTIC PRIZE

Strong grower, bright red, solid and handsome. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

We can supply the following varieties at the uniform price of—Pkt., 5c.; oz., 25c.; ¼ lb., 70c.; lb., \$2.25: Advance, Burbank's Preserving, Canada Victor, Cardinal, Cincinnati Purple, Cumberland Red, Early Conqueror, Early Michigan, Early Ruby, Essex Hybrid, Fordhook First, Hathaway's Excelsior, Ignatum, Imperial, Liberty Bell, Long Keeper, Lorrillard, May-Flower, Mikado, Optimus, Red Queen, Trophy, Turner's Hybrid, Volunteer. Also many other varieties, and a host of "re-names" or said-to-be New Tomatoes, at the usual customary prices.

### Small Fruited Tomatoes

EXCELLENT FOR PRESERVES, PICKLES AND PIES

Red Currant—Pkt., 5c. Yellow Plum—Pkt., 5c.  
Red Cherry—Pkt., 5c. Yellow Cherry—Pkt., 5c.  
Red Pear-Shaped—Pkt., 5c. Yellow Pear-Shaped—Pkt., 5c.  
Small-Fruited Tomatoes—½ oz., 20c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

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. (A very fine recipe is given on our packets.) Dried in sugar, as raisins or figs, or to use in fruit cake, they are unexcelled. They keep until mid-winter or longer. Have a strawberry flavor and are very productive, curious and attractive and sell first rate in the market. We offer the following two fine varieties:

**GOLDEN-HUSK**—Fruit a handsome golden color, the size of large cherries. Splendid for preserves and best suited for making pies. Pkt., 5c.; ½ oz., 20c.; oz., 30c.; ¼ lb., \$1.

**PURPLE-HUSK**—This beautiful sort produces abundantly; 1 to 2 inches in diameter. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

### 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. It seems to have the real bloom or fuzz of the peach upon its surface. Color purple, blended with orange-amber; very productive, comes early, lasts until frosts and never rots. Delicate flavor; skin thin and peels off like that of a peach. A very ornamental variety. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.

### YELLOW PEACH

Differs from the Purple Peach in color only, being a rich golden yellow. A very fine variety. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.





### Livingston's Transplanted Tomato Plants

Ready about April 20.

We naturally make a great specialty of Tomato Plants. Our plants are all transplanted and the very best in every respect. Always correctly labeled. We can supply the following fine varieties in any quantity:

Livingston's Coreless....	Doz., 35c.; 100, \$1.10; 1000, \$10.00
Sparks' Earliana .....	By mail, postpaid doz., 30c.
Ponderosa .....	
Livingston's Stone .....	By express, not prepaid.
Livingston's Improved Dwarf Champion	
Livingston's Globe .....	
Livingston's Dwarf Stone.....	
Livingston's Beauty .....	50 for 50c.; 100 for 75c.; 1000 for \$6.00.

### ARTICHOKE ROOTS

Lb., 30c.; 3 lbs. for 75c., postpaid. By freight or ex., peck, 60c.; bu., \$1.75; bbl. of 3 bus. (enough for an acre), \$4.50.

### ASPARAGUS ROOTS

We make a specialty of growing superior Asparagus Roots, and grow them in immense quantities on our True Blue Seed Farm. We are in a position to promptly fill orders with large, strong roots freshly dug from the ground. For list of varieties and prices, see page 17.

### CABBAGE—Early Transplanted Plants, Ready April 1.

We will supply plants of Glory of Enkhousen, Eureka First Early, Early Jersey Wakefield, Large Wakefield or Charleston, and Henderson's Early Summer at the uniform price—25 for 25c.; 50 for 40c.; 100 for 65c.; 1000 for \$4.50.

### CABBAGE—Field Grown Plants, Ready about June 15.

We will supply the following varieties: Livingston's Ideal Winter, Selected Premium Flat Dutch, Livingston's Illinois Winter Market, All-Head Early, Danish Ball-Head or Hollander, and Burpee's Surehead, at the uniform price of 30c. per 100, \$1.35 for 500; \$2.50 for 1000; 3000 or over, \$2.25 per 1000. Special Prices on large quantities. Write us.

### CAULIFLOWER—Transplanted Plants, Ready April 10.

Livingston's Earliest .....	25	50	100	1000
Henderson's Early Snowball..	40c.	65c.	\$1 00	\$7 50
	40c.	65c.	1 00	7 50

### CAULIFLOWER—Field Grown Plants, Ready June 15.

Dry Weather .....	50	100	500	1000
Henderson's Early Snowball..	40c.	70c.	\$3 00	\$5 00
Large Late Algiers .....	35c.	50c.	1 75	3 25

### CELERY—Early Transplanted Plants

We make a specialty of early grown, transplanted Celery Plants. We will supply the following at the prices and dates named below: Livingston's Snowwhite, White Plume, Giant Pascal, Golden Self-Blanching. 50 100 1000  
From June 1 to June 20..... 40c. 75c. \$5 00  
From June 20 to July 15..... 35c. 60c. 4 00

### CELERY—Field Grown Plants

Grown by an improved method on upland, hence well rooted and strong. We can supply the following splendid varieties: Evans' Triumph, Giant Golden-Heart, Giant Pascal, Golden Self-Blanching, Livingston's Snowwhite, Perle le Grand, White Plume, from July 5 to August 20, at the uniform price of 100 for 40c.; 500 for \$1.75; 1000 for \$3.00; 3000 for \$8.25; 5000 for \$12.50—with this exception, that field grown plants of Golden Self-Blanching Celery are not ready for delivery until July 15 (being a much slower grower, as plants, than the other sorts). Before July 15 we have early grown transplanted plants of this splendid variety as quoted above.

Special Prices on Larger Quantities.

## Vegetable Plants

The prices of the Plants on this page do not include prepayment of the express charges. They are sent by express at purchaser's expense, except where quoted by mail, postpaid. We aim to supply in any quantity, in their proper season, all the following Vegetable Plants, and ship directly from the beds, well packed, on the shortest notice. If we should, for any reason, be out of any variety ordered, we will send some other similar variety in place of it, unless requested to the contrary. Write for our Special Mid-Summer Price-List of Late Cabbage, Celery and other Vegetable Plants. Issued in June.

Millions of thrifty Vegetable Plants are produced here on our True Blue Seed Farms. The frames in the foreground are of special construction, which permits our men to work in them, no matter how bad the weather

### Seedling Tomato Plants

Ready in April.

We grow Tomato Plants in such enormous quantities that we are always in a position to supply Large Growers with Seedling Plants of the Standard Varieties we have named at \$3.00 per 1000.

These are grown especially for Market Gardeners and others who wish large quantities of small plants for growing on. For regular garden use we recommend Transplanted Tomato Plants.

### MILLIONS OF TOMATO PLANTS

We grow immense quantities under field culture for general crop, and are usually in position to make SPECIAL PRICES on all leading sorts in orders of 1000 to 100,000. We sell millions of Tomato Plants every season.

### CHIVE ROOTS

These belong to the Onion family; are perfectly hardy. By mail, postpaid, each, 20c.; 6 for 80c.; doz., \$1.50. By express, not paid, each, 10c.; doz., \$1.00.

### EGG-PLANTS—Ready in May

Large New York Purple, and Livingston's Mammoth, at the uniform price of, doz., 35c.; 50 for 85c.; 100 for \$1.50.

### HOP VINES

Common—The old favorite of our grandmother's garden. A very rapid hardy climber. Each, 10c.; doz., \$1.00.

### HORSE RADISH SETS

Splendid New Horse Radish, Nuremberg—By selection and careful cultivation the Nuremberg Horse Radish has reached a point where individual roots 18 inches long by 2 1/2 to 3 inches at the thickest part are produced from the growth of one year. Roots ready for planting—By mail, postpaid, 6 for 15c.; doz., 25c.; 50 for 75c.; 100 for \$1.35. By express, not paid, 50 for 60c.; 100 for \$1.00; 200 for \$1.75; 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.

### PEPPER PLANTS—Ready in May

Livingston's New Ohio Crimson.....	25c.	75c.	\$1 25
Livingston's Improved Thick Long Red.	25c.	75c.	1 25
Chinese Giant .....	25c.	75c.	1 25
Long Red Cayenne.....	25c.	75c.	1 25
Ruby King .....	25c.	75c.	1 25

### RHUBARB ROOTS

We offer strong Seedling Roots. By mail, postpaid, each, 20c.; 2 for 30c.; 4 for 50c. By express, not prepaid, each, 10c.; 10 for 65c.; 50 for \$2.50; 100 for \$4.00; 1000 for \$30.00. Extra large two-year-old Roots, 20c. each; \$15.00 per 100, by express, not prepaid.

### SAGE PLANTS—Holt's Mammoth

This large-leaved variety has been tested for years and is far superior to the old variety. Yields more leaves to the plant than a dozen of the common Sage. We offer Plants only. Each, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00. Prices on application for larger lots.

### SWEET POTATO PLANTS—Ready about May 10

"Up Rivers" and "Yellow Jerseys"—By mail, postpaid, 100 for 60c. By express, not paid, 100 for 30c.; 1000 for \$2.50; 5000 for \$10.00.

### TARRAGON ROOTS

Its aromatic leaves are used for salads, seasoning, etc.; also for Tarragon Vinegar, and no other herb quite takes its place. Each, 15c.; 2 for 25c.; 5 for 50c.; 12 for \$1.00.



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*)—Stands long droughts and still produces heavy crops in dry sections where other grasses would surely perish. Has also proven itself one of the hardiest grasses. Sow 25 to 30 lbs. per acre. (Bu., 14 lbs.) **Lb., 30c.; 10 lbs., \$1.50; 100 lbs., \$12.00.**

**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., 45c.; 10 lbs., \$3.50; 100 lbs., \$30.00.**

**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 and hard gravelly soil. Height, 1 to 1½ feet. Sow 25 lbs. per acre. (Bu., 21 lbs.) **Lb., 55c.; 10 lbs., \$3.75; 100 lbs., \$30.00.**

**HARD FESCUE** (*Festuca duriuscula*)—Not very productive, but 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., 35c.; 10 lbs., \$2.25; 100 lbs., \$18.00.**

**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.**

**TIMOTHY** (*Phleum pratense*)—Well-known variety. When ready to buy, write us for latest prices, whether you want a bag or a car load. Sow 8 lbs. per acre. (Bu., 45 lbs.) **Prime Seed ..... Lb., 20c.; 10 lbs., 65c.; 100 lbs., \$5.00**  
**Choice Seed ..... Lb., 20c.; 10 lbs., 70c.; 100 lbs., \$5.50**

**Mixed Grasses** For Meadows and Permanent Pastures. We are prepared to furnish seeds adapted to all soils, all situations and all purposes. Write us for what you want, giving nature of soil, number of acres, etc., and we will give you estimates and terms.

**KENTUCKY BLUE GRASS**, June Grass (*Poa pratensis*)—Universally known; desirable for pastures and lawns. Sow at rate of 30 to 40 lbs. per acre. (Bu., 14 lbs.) **Export Fancy Clean Seed—Lb., 35c.; 10 lbs., \$2.25; 100 lbs., \$18.00.**

**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., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.**

**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., \$1.25; 100 lbs., \$9.00.**

**BED 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., 30c.; 10 lbs., \$2.00; 100 lbs., \$16.00.**

**RHODE ISLAND BENT GRASS** (*Agrostis canina*)—Is 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., \$3.00; 100 lbs., \$25.00.**

**SHEEP'S FESCUE** (*Festuca ovina*)—Grows naturally on light, dry, sandy soils and mountain pastures. Sow 15 lbs. per acre. (Bu., about 12 lbs.) **Lb., 35c.; 10 lbs., \$1.75; 100 lbs., \$16.00.**

**SWEET VERNAL** (*Anthoxanthum odoratum*)—Very fragrant. Mixed with other grasses for pasture, it is quite valuable. Sow 35 lbs. per acre. (Bu., 10 lbs.) **Lb., \$1; 10 lbs., \$9.**

**TALL MEADOW OAT GRASS** (*Avena elatior*)—Used for soiling. Succeeds well in sandy lands, and owing to its long fibrous roots stands drought well. Sow 25 to 30 lbs. per acre. (Bu., 10 lbs.) **Lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$20.**

**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., 80c.; 10 lbs., \$7.00; 100 lbs., \$60.00.**

### Clover Seeds

Parties wishing large quantities will do well to get samples and prices before placing their orders. A bushel of clover seed is 60 pounds. Deduct 10 cents per pound from single pound prices if to go by express or freight not prepaid.

**Alfalfa** or **LUCERNE**—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 lbs. per acre when sown broadcast. Roots from 3 to 15 feet deep, and when established lasts for years. Not recommended for pasture. **Lb., 40c., postpaid; 10 lbs., \$3.00; 100 lbs., \$22.50.**

**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. Sow 5 lbs. per acre. **Lb., 40c., postpaid; 10 lbs., \$3.00; 100 lbs., \$22.50.**

**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. **Lb., 30c., postpaid; 10 lbs., \$1.65; 100 lbs., \$14.00.**

**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., 40c., postpaid; 10 lbs., \$3.00; 100 lbs., \$25.00.**

**MAMMOTH CLOVER**—Valuable with other grasses for mixed hay. Ripens about with Timothy. Sow 10 lbs. per acre. **Lb., 40c., postpaid; 10 lbs., \$2.50; 100 lbs., \$19.00.**

**MEDIUM**, or **COMMON RED**—The most important and valuable of the Clover family. Makes the best hay. Sow 10 lbs. per acre. **Lb., 40c., postpaid; 10 lbs., \$2.50; 100 lbs., \$19.00.**

**Millets** **GERMAN**, or **GOLDEN**—True Southern 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 lbs. per acre not later than June 15. Cut the crop while in bloom, before the seed hardens. (50 lbs. to bushel.) **Lb., 20c.; 10 lbs., 60c.; 100 lbs., \$5.00.**

**GERMAN**—Western Grown, at the market price.

**HUNGARIAN** (Grass)—A valuable forage plant of the Millet family, but not so coarse. (Bu., 48 lbs.) **Lb., 20c.; 10 lbs., 60c.; 100 lbs., \$3.50.**



Alfalfa, or Lucerne Clover.

# 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.

### White Tartar King

This grand new extra heavy white Oat has been thoroughly tested in all sections and in every case has proved very desirable. It is unusually productive. The grain is very white, thick, short and plump; yields as high as 40 bushels to the acre. Of strong growth, producing stiff, heavy straw, headed with thick clusters of large grains. (See illustration.) It is recommended as being free from smut. Our seed is grown in northern New York. Price, postpaid, lb., 30c.; 3 lbs., 75c. By express or freight, pk., 45c.; bu. (32 lbs.), \$1.40; 10 bus., \$13.00. Bags free.

### SILVER MINE OATS

A tall and very prolific sort. Has a short, thick grain and yields immensely. Postpaid, lb., 25c.; 3 lbs., 60c. By express or freight, pk., 30c.; bu. (32 lbs.), 5 bus., \$4.75; 10 bus., \$9.00. Bags free.

### AMERICAN BANNER OATS

Yields largest crops. 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 bus., \$4.75; 10 bus., \$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 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, similar to the Scotch Fife, but is far more productive and one of the best Spring Wheats for milling. Bu., \$2.00. 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 bu. per acre. Lb., 25c.; 3 lbs., 65c., postpaid. Pk., 45c.; bu., \$1.50; 10 bus. for \$14.50.

### Speltz or Emmer (40 lbs. to bushel)

A valuable grain recently introduced from Russia. Somewhat like Wheat, but a surer cropper, a heavier yielder and has valuable feeding qualities. 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, of which there is several tons per acre, has great feeding value, and is relished by all kinds of stock. It is sown at the rate of 50 lbs. per acre, much the same as Wheat or Oats. Large pkt., 10c.; lb., 25c.; 3 lbs., 60c., postpaid. 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.00.



New Oat, White Tartar King.

## 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 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 15. This Corn has been successfully grown for fifteen (15) years on black loam and clay soils, and is well adapted to both."

In 1908, 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." Another season's experience with this Corn 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 that is strictly thoroughbred, plant Kilbury's Yellow Hybrid. Our stock of seed is strictly A-No. 1.

PRICE—Sample Ears, 30c. each; large pkt., 10c.; qt., 40c., postpaid. By express or freight, purchaser paying transportation charges: 1/2 pk., 40c.; pk., 60c.; 1 bu., \$1.00; 5 bus., \$1.75; 5 bus., \$7.75; 6 Selected Ears, 50c.; bu. of Ears, \$2.25.





## 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 25 or 30 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 in the American trade.

The Field Corn Seed crops this year have been extraordinarily fine, and we warehoused some of the finest Field Corn Seed that we have ever seen. 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 20 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. It only costs about 25 to 30 cents an acre to use our carefully selected and tested Field Corn Seed. Is it wise for you to risk doubtful seed from the crib or other sources when our high grade seed costs so little? 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 have sold out of your first choice at the time your order arrives. Field Corn Seed on the ear can only be supplied while our present stock lasts.

## 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 NINETY 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 below, 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

90-day 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. **PRICE**—Sample Ear, 30c.; large pkt., 10c.; qt., 40c., postpaid. By express or freight: ½ pk., 40c.; pk., 60c.; ½ bu., \$1.00; bu., \$1.75; 5 bus., \$7.75; 6 select ears, 50c.; bushel of ears, \$2.25.

## LIVINGSTON'S GOLDEN SURPRISE FIELD CORN



# Livingston's Thoroughbred Field Corn (Continued)

The splendid varieties described and priced on this and the next page 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.)

Sample Ear, 30c.; large pkt., 5c.; qt., 30c., postpaid. By express: ½ pk., 30c.; pk., 50c.; bu., \$1.60; 5 bus., \$7.25. Carefully Selected Ears: 6 ears, 50c.; bu. ears, \$2.25.

## 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.)

Sample Ear, 30c.; large pkt., 5c.; qt., 30c., postpaid. ½ pk., 30c.; pk., 50c.; bu., \$1.75; 5 bus., \$7.75. Carefully Selected Ears—6 ears, 50c.; bu. ears, \$2.25.

## 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 price while it lasts as follows:

Sample Ear, 30c.; large pkt., 10c.; qt., 40c., postpaid. ½ pk., 40c.; pk., 60c.; ¼ bu., \$1.00; bu., \$1.75; 5 bus., \$7.75. Carefully Selected Ears—6 ears, 50c.; bu. ears, \$2.25.

## Red River

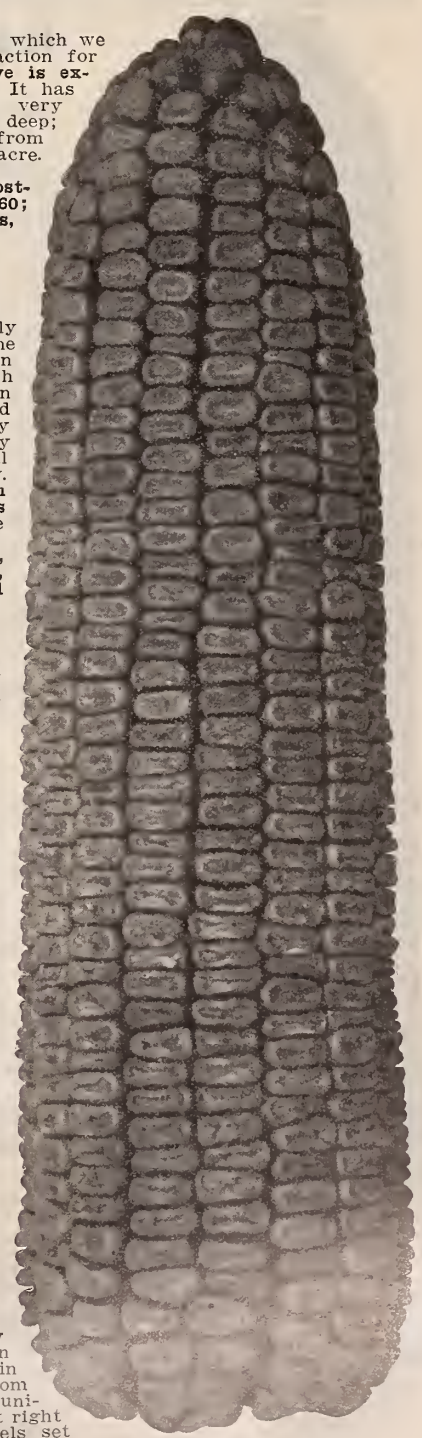
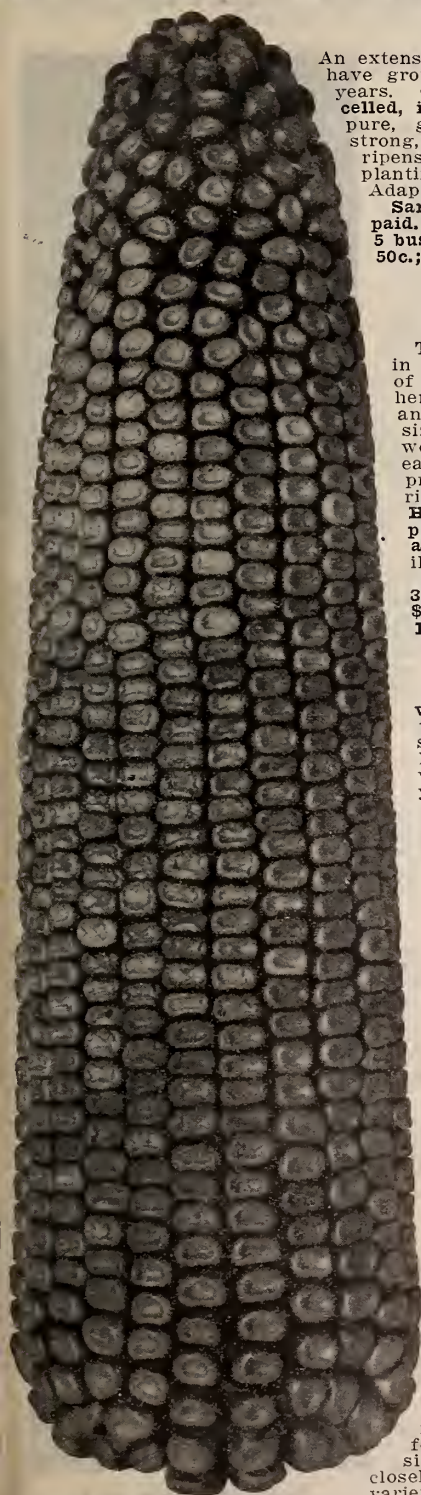
A good old variety, which has been grown throughout central Ohio for many years. It is of a reddish yellow color; has heavy, medium sized ears, averaging a little larger and maturing a little earlier than the well-known True Yellow Leaming. It is noted for its hardiness and vigorous habit of growth. 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.

Sample Ear, 30c.; large pkt., 5c.; qt., 30c., postpaid. ½ pk., 30c.; pk., 50c.; bu., \$1.60; 5 bus., \$7.25. Carefully Selected Ears—6 ears, 50c.; bu. ears, \$2.25

## 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. Large pkt., 5c.; qt., 30c., postpaid. ½ pk., 30c.; pk., 50c.; bu., \$1.75; 5 bus., \$7.75.

True Yellow Clarage Field Corn.



True Yellow Leaming Field Corn. when larger varieties could not possibly mature before the frosts.

# 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. Sample Ear, 30c.; large pkt., 10c.; qt., 30c., postpaid. By express— $\frac{1}{2}$  pk., 30c.; pk., 50c.; bu., \$1.60; 5 bus., \$7.25. Carefully Selected Ears—6 ears, 50c.; bu. ears, \$2.25. (See illustration to right, reduced in size, from our own photograph.)

## 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. Sample Ear, 30c.; large pkt., 10c.; qt., 40c., postpaid. By express:  $\frac{1}{2}$  pk., 40c.; pk., 60c.;  $\frac{1}{2}$  bu., \$1.00; bu., \$1.75; 5 bus., \$7.75. Carefully Selected Ears: 6 ears, 50c.; bu. ears, \$2.25.

## 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., \$1.30; 2 bus., \$2.50; 5 bus., \$6.00; 10 bus., \$11.00.

### 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., \$2.50.

### TRUE YELLOW LEAMING CORN

Highly recommended by the best ensilage authorities for Northern states, as True Yellow Leaming produces large quantities of leaves. Bu., \$1.60; 5 bus., \$7.25.

### 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., \$1.60; 5 bus., \$7.25.

## 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.

PRICES ON SEED CORN by Packet, Quart and Sample Ear includes Postage. On larger quantities prices do not include prepayment of Freight or Express charges.



Reid's Yellow Dent.



Mammoth White Dent.

J. B. Carpenter, Marion, Ind., writes: "I have got the best seeds of your house I have ever planted. I will continue to use your seeds."

W. P. Bayless, Wilmington, O., writes: "I have used True Blue Seeds for 15 years. I have tried seeds from many others, but found none better than True Blue."

# 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.; ½ 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

(60 lbs to bushel)

The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. In some portions of the South it is extensively grown only for feeding pigs. Agricultural Bulletins all over the Southern states praise it without stint. To plow under in the green state it is certainly one of the very best plants, next to Cow Peas. Is sown on account of its soil enriching qualities. It will draw from the air and return to the earth just the nourishment needed.

### OHIO GROWN STOCK—

To be sown north of the Ohio river. **Postpaid, ½ lb.,**

**20c.; lb., 35c. By express or freight: Pk., 90c.; bu., \$3.25.**

**SOUTHERN GROWN STOCK—**To be used south of the Ohio river. **By express or freight: Pk., 65c.; bu., \$2.50.**

## 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.**

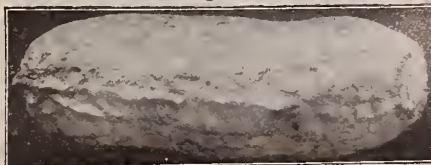
**SILVER HULL—**A very good and popular variety. The grain is of light gray color, rounder than the common variety; has a much thinner hull; matures earlier and yields a half more to the acre. **Lb. 25c.; 3 lbs., 60c., postpaid. By express: Pk., 60c.; bu., \$1.75.**

## Peanuts

(22 lbs. to bushel)

**IMPROVED LARGE VIRGINIA—**A very profitable variety to grow, and is easily cultivated; very erect; largest pods and kernels with fewer imperfect pods than any variety. 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 small, remarkably solid, well filled, 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.**



Improved Large Virginia Peanut.

## Cow, or Southern Peas

(60 lbs. to bushel) There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It makes enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and so very largely enables him to dispense with the use of nitrogenous commercial fertilizers. 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 the condition improved. From 5 to 9 tons of green fodder per acre have been produced by the Cow Pea. To grow for hay they are most valuable. The bacon made from hogs fed on the dry peas is much sweeter and more solid and the fat will not run out in cooking nearly so much as when fed on corn. 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 late planting and the Northern sections; a vigorous grower and great yielder. **Pk., 70c.; bu., \$2.25.**

### Whip-poor-will Cow Peas.

—Is quick to mature; well adapted for late planting and the Northern sections; a vigorous grower and great yielder. **Pk., 70c.; bu., \$2.25.**

## Whip-Poor-Will

(See illustration above; from our own photo.)—An early, bunch-growing variety; a great favorite in the North and West; quite prolific. **Pk., 70c.; bu., \$2.25.**

**BLACK-EYE—**A prolific vine-growing variety of merit; seed often sold for table use. **Pk., 85c.; bu., \$3.00.**

☞ **Market Price on Cow Peas changes often. Write for prices on larger quantities when ready to buy.**

## Peas, Canada Field

(60 lbs. to bushel)

Every year there is more inquiry for Field Peas. They stand in the front rank as a fodder crop, especially for hogs. They can be fed green or dry. As a fertilizer they come next to clover, to be plowed under when they commence to blossom; 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., 70c.; bu., \$2.25. For larger quantities, write us for Prices, stating the quantity you can probably use.**



## Miscellaneous Farm Seeds---Continued

All Prices subject to market changes

**Rape, Dwarf Essex** (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.;  $\frac{1}{2}$  lb., 15c.; lb., 30c. By express or freight: 10 lbs., 80c.; 50 lbs., \$3.75; 100 lbs., \$7.00.

## Various Types of Sorghum The Great Dry Land Forage Plants



Head of Sorghum.

10c.; lb., 25c.; 3 lbs., 50c. By express or freight: 10 lbs., 50c.; 25 lbs., 85c.; 50 lbs., \$1.35; 100 lbs., \$2.50.

### Broom Corn

(40 lbs. to bushel)

**IMPROVED EVERGREEN**—Best variety for general cultivation on account of 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., 70c.; 25 lbs., \$1.00; 100 lbs., \$4.50.

### Vetches, or Tares

(60 lbs. to bushel)

**HAIKY VETCHES**—Succeed on all soils; do not suffer from extremes of drought, heat or cold. Sown in August, it will cover the ground with a dense foliage, which in the Southern states will afford abundant pasture throughout the winter. Sown in spring, it quickly produces a luxuriant crop. Sow 40 to 50 lbs. per acre. Postpaid: Oz., 5c.; 4 ozs., 15c.; lb., 30c. By express or freight: 10 lbs., \$1.25; 25 lbs., \$2.75; 50 lbs., \$4.50; 100 lbs., \$8.00.

**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 ozs., 15c.; lb., 25c. By express or freight: 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00.

### 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 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.;  $\frac{1}{2}$  lb., 10c.; lb., 20c. By express or freight: 10 lbs., 50c.; 25 lbs., 85c.; 50 lbs., \$1.35; 100 lbs., \$2.50.



White Kaffir Corn.

### 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: Fkt., 5c.; oz., 20c.;  $\frac{1}{2}$  lb., 50c.; lb., \$1.75.

**CATALPA SPECIOSA SEEDLINGS** are just the thing for starting extensive plantings right. We have a fine lot of sturdy young plants which we offer at the following

reasonable prices:	100	1000
18 to 24 inches.....	1 00	8 00
12 to 18 inches.....	\$0 75	\$6 00

**RUSSIAN MULBERRY**—Easy grown; hardy; fine hedges; makes fence posts in five years; fruit good. Fkt., 10c.; oz., 30c.;  $\frac{1}{2}$  lb., 85c.; lb., \$3.00, postpaid.

**BLACK LOCUST**—Very rapid grower, as fence posts or ties may be cut in 10 years from planting seed, and will last a life time. Oz., 5c.;  $\frac{1}{2}$  lb., 15c.; lb., 50c., postpaid. By express: 10 lbs., \$4.00; 25 lbs., \$8.75; 50 lbs., \$15.00.

### Sunflower

(24 lbs. to bushel)

**MAMMOTH RUSSIAN**—An 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., \$1.85; 100 lbs., \$6.50.



Mammoth Russian Sunflower.



Patatas **Livingston's Superior Seed Potatoes** Kartoffeln

The necessity for changing Potato Seed often is universally admitted by all well-posted growers, but too seldom practiced, especially when the best seed can be had at so little additional outlay. We were never in better shape to supply Choice Stock, True to Name, and Northern Grown, than we are this season.



Our great specialty.

**Extra Early Ohio Potato.**  
(See description below.)

**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.

**SPECIAL INSTRUCTIONS**

We will book orders at the prices quoted so long as our present Potato Seed stock lasts, filling 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 customers request it, we pack a barrel of two or three kinds without extra charge. **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.**

All transportation charges must be paid by the buyer, except when offered postpaid, by mail. No Potatoes sent C. O. D.

**SEED POTATOES BY EXPRESS OR FREIGHT** at Barrel, Bushel, Peck or Half-peck Prices, buyer pays the freight or express charges. **Our Barrels contain 2½ 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.**

**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: ½ pk., 30c.; pk., 50c.; ½ bu., 85c.; bu., \$1.60; bbl., \$4.00.** 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**

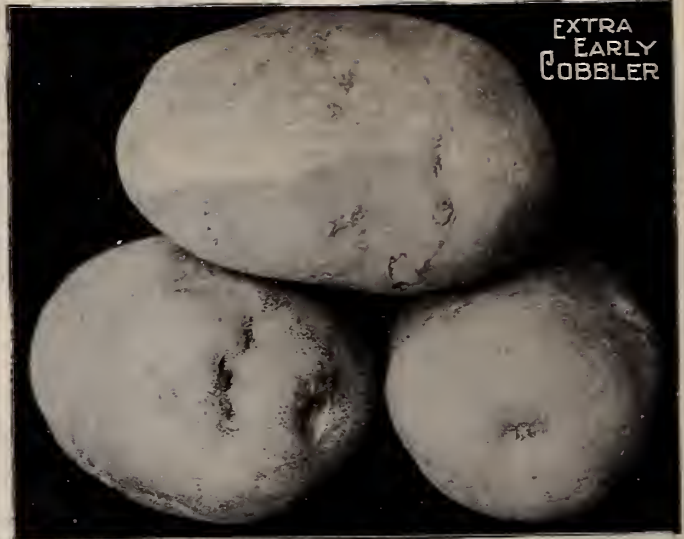
A first-class main crop variety of great productiveness which will out-yield under exactly the same conditions a number of the old standard sorts. Tubers are creamy white, well netted or russeted, of oblong shape. They have few and shallow eyes and are most excellent keepers. Plants make a strong and 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: ½ pk., 35c.; pk., 60c.; ½ bu., \$1.00; bu., \$1.75; bbl., \$4.50.**

New White Victor.

## 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 has 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., 30c.; pk., 50c.;  $\frac{1}{2}$  bu., 90c.; bu., \$1.65; bbl., \$4.25.



## 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., 85c.; bu., \$1.60; bbl., \$4.00.



## The "Livingston" Potato

Introduced by us in 1896

**Good Yields, 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., 30c.; pk., 50c.;  $\frac{1}{2}$  bu., 90c.; bu., \$1.65; bbl., \$4.25.

## 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., 85c.; bu., \$1.60; bbl., \$4.00.

## Livingston's Banner Potato

Introduced by us in 1896

**The Best Main Crop Variety**

The Banner is a seedling and is 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., 80c.; bu., \$1.45; bbl., \$3.75. Write for special prices on larger quantities.



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.**

### 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.

**Sweet Potato Plants, see page 53**

# Livingston's Selected Flower Seeds

We have this year carefully revised our list of flower seeds, added a number of splendid new sorts and discarded all inferior varieties. It will now be found to contain all that are 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 seed packets. We will also send free to customers, on application, a very instructive and helpful Leaflet, "Annuals From Seeds." All flower seeds are sent postpaid at prices quoted.

**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 the second year, and 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 65 cents.  
 For \$1.00 select Packets to the amount of \$1.30.  
 For \$2.00 select Packets to the amount of \$2.75.  
 For \$5.00 select Packets to the amount of \$7.50.

☛ Collections of seeds in Packets cannot be included when taking advantage of these discounts.



A Beautiful Back Yard. Background Eudbeckia, with Border of Dwarf Nasturtiums and Edging of Alyssum.

## Flowers From Seed

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. We can supply plants as well as seed of many of these varieties.

### Showy Flowering Annuals for Beds and Massing

	See page		See page
Ageratum	67	Eschscholtzia	74
Alyssum	67	Gaillardia	75
Antirrhinum	67	Lobelia (Compacta)	77
Asters	65-66	Marigolds	77
Balsams	68	Nasturtium (Tom Thumb)	82
Calendula	70	Pansy	84
Calliopsis	69	Petunias	85
Candytuft	69	Phlox Drummondii	85
Carnation	69	Poppies	86
Celosia	70	Portulaca	87
Chrysanthemum	70	Salvia Splendens	88
Convolvulus Minor	78	Stocks	88
Cosmos (Dwarf)	71	Verbenas	92
Dahlias (Tom Thumb)	72	Vinca	92
Dianthus (An'als)	73	Zinnias	93

### Large Showy Annuals for Backgrounds and Borders

Amaranthus	67	Larkspur (Br'ch'g)	77
Arctotis, Blue	67	Marigolds	77
Celosia Plumosa	70	Nicotiana	82
Centaurea	70	Poppies (tall sorts)	86
Cosmos	71	Ricinus	87
Datura	72	Salvia	88
Euphorbia	74	Sunflower	88
Hibiscus	76	Zinnias	93

### Colored Foliage Plants for Ribbon Beds

Centaurea, White	70	Coleus	71
Cineraria, Maritima	70	Pyrethrum Aureum	87

### Hardy Perennial Climbers for Permanent Situations

Adlumia	66	Kenilworth Ivy	76
Ampelopsis Veitchii	67	Clematis	71
Aristolochia Siphoc.	67	Lathyrus Latifolius	92

### Climbing Annuals for Arbors, Verandas, Trellises, etc.

	See page		See page
Balloon Vine	68	Humulus (Hop)	76
Balsam Apple	68	Ipomoea	78
Canary Bird Vine	70	Maurandia	78
Cobaea	71	Morning Glories	78
Convolvulus Major	78	Nasturtium	79-82
Cypress Vine	71	Sweet Peas	89-92
Dolichos	74	Thunbergia	92
Gourds	75	Wild Cucumber	93

### Hardy Flowering Perennials for Permanent Beds and Borders

Anemone	67	Hollyhock	76
Aquilegia	67	Lavender	76
Campanula	68	Lycnis	77
Candytuft (hardy)	69	Myosotis	79
Canterbury Bells	68	Pinks (hardy)	73
Carnation	69	Poppy (hardy)	86
Chrysanthemum	70	Primrose (Japan)	87
Coreopsis (hardy)	69	Pyrethrum (hardy)	87
Delphinium	72	Scabiosa	88
Dianthus (hardy)	73	Stokesia	88
Digitalis	73	Sweet William	92
Gaillardia	75	Valeriana	92
Gypsophila	75	Violet	93
Hibiscus	76	Wallflower	93

### Plants Succeeding in Partial Shade

Antirrhinum	67	Ferns	74
Aquilegia	67	Matricaria	74
Asperula	67	Mimulus	79
Bellis (Daisies)	72	Myosotis	79
Canterbury Bells	68	Pansy	84
Coreopsis	69	Poppies (hardy)	86
Delphinium	72	Torenia	92
Digitalis	73	Violet	93

### Plants for Vases, Hanging Baskets, Veranda Boxes, etc.

	See page		See page
Drooping Sorts		Upright Growing	
Alyssum	67	Begonia Vernon	68
Asparagus	67	Centaurea	70
Candytuft	69	Cineraria	70
Lobelia Gracilis	77	Coleus	71
Maurandia	78	Fuchsia	74
Nasturtium	79-82	Geranium	75
Oxalis	82	Heliotrope	75
Petunia	85	Impatiens	76
Torenia	92	Pansy	84

### Long-Stemmed Flowers for Cutting

Aquilegia	67	Larkspur	77
Asters	64-66	Marigolds	77
Calliopsis	69	Matricaria	74
Carnations	69	Mignonette	73
Centaurea Cyanus	70	Poppies	86
Centaurea Sweet	70	Salpiglossis	87
Chrysanthemums	70	Scabiosa	88
Coreopsis	69	Stocks	88
Cosmos	71	Stokesia	88
Dahlias	72	Sunflowers	86
Delphinium (hardy)	72	Sweet Peas	89-92
Gypsophila	75	Sweet Sultans	76
Gaillardias	75	Zinnias	93

### Plants Suitable for Edgings

Ageratum	67	Lobelia Compacta	77
Alyssum	67	Marigold, Legion of Honor, 9 in.	77
Begonia Vernon	68	Phlox D. Compacta	85
Bellis (Daisies)	72	Pinks (hardy)	73
Candytuft	69	Portulaca	87
Centaurea	70	Pyrethrum Aureum	87
Candicansima	70	Verbenas	92
Cosmos (Dwarf)	71	Zinnia, Dwarf	93
Globe Amaranth	67		



## 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.

### 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. The engravings herewith, reproduced from photographs, show but two kinds, greatly reduced in size. The pictures can give you but a faint idea of their superb beauty. Height, about 2 feet. Pkt., 10c.; extra large pkt., 20c.;  $\frac{1}{2}$  oz., 50c.

### Truffaut's Peony-Flowered Perfection Aster

(Illustrated in panel above.)

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.

**Peony Flowered, Mixed Colors**—Fine assortment. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.;  $\frac{1}{4}$  oz., 45c.

**Peony Flowered Snow White**, pkt., 10c.

**Peony Flowered Brilliant Rose**, pkt., 10c.

**Peony Flowered Rich Crimson**, pkt., 10c.

**Peony Flowered Sky Blue**, pkt., 10c.

**Peony Flowered Dark Blue**, pkt., 10c.

**Peony Flowered Brilliant Scarlet**, pkt., 10c.

Collection of Peony Flowered Asters 6 separate colors, 50c.

**NOTE**—At the prices given in this Catalogue, all flower-seeds are sent by mail, and we pay the post-charge!



Sample's  
Late  
Branching  
Aster.

### Sample's Giant Late Branching Asters

(See illustration.) A superior 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 2 $\frac{1}{2}$  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.

**Sample's Giant Finest Mixed Colors**—All shades and colors. Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.;  $\frac{1}{4}$  oz., 35c.;  $\frac{1}{2}$  oz., \$1.00.

**Sample's Giant Lavender** . . . . . Pkt., 10c.

**Sample's Giant Royal Purple** . . . . . Pkt., 10c.

**Sample's Giant Pure White** . . . . . Pkt., 10c.

**Sample's Giant Crimson** . . . . . Pkt., 10c.

**Sample's Giant Shell Pink** . . . . . Pkt., 10c.

Collection of Sample's Giant Asters, 5 above sorts, 35c.

### Vick's New Early Branching Aster

A New and Valuable Aster of Sterling Merit

This superb new variety is a selection of the late Branching Aster and has all the splendid and desirable qualities of that valuable variety, and in addition is considerably earlier, thus enabling the grower to get into market quite a little ahead of the regular branching Aster. The habit of growth is identical with its parent, branching freely, vigorous in growth, with long, stiff stem 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. White, per pkt., 10c.; Pink, pkt., 10c.; White and Pink Mixed, pkt., 10c.

## 50 Cents—Livingston's Exhibition Aster Collection—50 Cents

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 pkt. **Sample's Giant Branching**. Finest mixed.

1 large pkt. **Giant Ostrich Plume**. Finest mixed.

1 large pkt. **Giant Comet**. Finest mixed.

1 large pkt. **Truffaut's Peony Perfection**. Finest mixed.

1 extra large pkt. (20c. size) **Livingston's Superb Mixture of Giant Asters**.

Together with the following grand new Asters: 1 pkt. **Vick's New Early Branching Asters** (see description above), and 1 pkt. 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 \$0c.

## Livingston's Giant Ostrich Plume Asters

A very large-flowering class, whose blooms are of the 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. Our illustration on this page, which is much reduced ( $\frac{1}{3}$  natural size), will give you a fair idea of its elegance. Plants of luxurious branching habit, with flowers on long slender stems. Height 2 feet.

**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.

Ostrich Plume Snow White, pkt. 10c. Ostrich Plume Azure Blue, pkt. 10c.  
Ostrich Plume Rose Pink, pkt. 10c. Ostrich Plume Lavender, pkt. 10c.  
Ostrich Plume Light Yellow, Pkt. 10c. Ostrich Plume Dark Blue, pkt. 10c.  
Ostrich Plume Crimson, pkt. 10c.

Collection Giant Ostrich Plume Asters,  
7 separate colors, 55c.

## LIVINGSTON'S IMPROVED Victoria Asters

Of all the large-flowered Asters none surpass this truly magnificent class. The plants themselves are strong growers, and produce profusely the most beautiful imbricated flowers. The stems being long and strong, none are finer for cut flowers. The Victoria Asters resemble Truffauts Paeony-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.

**Victoria Asters, Mixed Colors**—Very fine. Pkt., 10c.;  $\frac{1}{2}$  oz., 35c.;  $\frac{1}{4}$  oz., 60c.

**DWARF VICTORIA ASTERS**—Perfect flowers of large size, produced profusely. 10 inches high. Effective in beds and borders. Choice mixed, pkt., 10c.

## Livingston's Giant Comet Asters

A very large-flowering variety of Asters similar to the Ostrich Plume described above, illustration of which see on this page. The elegant flowers of enormous size are certainly well worthy of the admiration accorded them. It is an ideal variety for cut flowers, being not only a most profuse bloomer, 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.

**GIANT COMET, Snow White**—Grand; pure white; flowers of immense size and wonderful perfection. Pkt., 10c.

**GIANT COMET, The Bride**—Elegant form and delicate coloring. Color—at first white, changing to a lovely pink, finally to a beautiful rose. For cut flowers it is one of the best. Pkt., 10c.

**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.

Giant Comet Crimson, pkt. 10c. Giant Comet Rose Pink, pkt. 10c.  
Giant Comet Light Blue, pkt. 10c. Giant Comet Dark Blue, pkt. 10c.

Collection Giant Comet Asters, 4 separate colors, 30c.

## LIVINGSTON'S EXTRA EARLY Queen of the Market Asters

About two or three weeks earlier than most other Asters. A profuse bloomer and of graceful habit. The shape of this Aster is very similar to Semple's Giant Branching Aster. Its 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.

**MIXED COLORS**—All colors in finest mixture. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.;  $\frac{1}{4}$  oz., 25c.

**SEPARATE COLORS**—Scarlet, Pink, Crimson, Pure White, Dark Blue, and 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 Paeony-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.

**MIXED COLORS**—Elegant mixture of best colors. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.

**SEPARATE COLORS**—White, Rose-Pink, Lavender, Violet-Blue. Each color, pkt., 10c. Collection 4 sep. colors, 30c.

**BETTERIDGE'S QUILLED**—Flowers have tube or quill-shaped petals; are very beautiful and perfectly double; 1 $\frac{1}{2}$  feet. **Mixed Colors, pkt., 5c.**

**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.**

**CROWN ASTER, BLOOD-RED CENTER**—A very striking pure white, large globe-shaped German Aster, with blood-red center; 1 $\frac{1}{2}$  feet. Pkt., 5c.



Livingston's Giant Ostrich Plume Asters. Pkt., 10c.

**WASHINGTON**—An immense Victoria Aster; many colors; 2 $\frac{1}{2}$  feet. Pkt., 10c.

**JEWEL, or BALL**—Round, double flowers. Pkt., 10c.

**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.**

**HARDY ASTERS ("Michaelmas Daisies")**—Splendid for permanent position in the hardy border, forming large bushy clumps about 2 feet high, covered with large single flowers of lavender, purple, etc. **Mixed Colors. Pkt., 10c.**

**DWARF QUEEN**—One of the best dwarf growing Asters. A very beautiful, early-flowering class, for pots, beds or borders; 9 inches. **Mixed Colors, pkt., 10c.**

## Five Most Beautiful New Asters

Glorious new creations, floral marvels of the highest type. The enormous quantities of packets of which we disposed last year have shown us that our customers are anxious to secure the very best and choicest. If you were among those who overlooked these beautiful new sorts last year, be sure to get a packet or two this season.

**New Aster, Violet King** The habit of growth is similar to the Branching Asters, growing vigorously about 2½ 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 large quantity of these superb Asters the past summer for cut flower purposes, and when other varieties were such a glut as to be unsaleable 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.; ½ oz., 50c.; 1 oz., 75c.; ½ oz., \$1.25; oz., \$2.00.**

**Lavender Gem** When first opened, the flower is an exquisite shade of delicate lavender, deepening with age; always full, double and feathery, looking like a huge ragged Chrysanthemum. 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. **Pkt., 10c.; 3 pkts. for 25c.**

**Purity** One of the most beautiful of the Branching Asters. Double flowers of a glistening pure white; similar to Daybreak in form and habit of growth. **Pkt., 10c.; ½ oz., \$1.00**



**Daybreak** Flowers very large and double, of a beautiful shell-pink color. This is a grand Aster for cutting purposes, growing 2 feet high. The best late market Aster of its color to date. **Pkt., 10c.; ½ oz., \$1.00.**

**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.; ½ oz., 50c.**

## 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 cuttings. In bloom all summer and through the greater part of fall.

**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.**

**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 snowwhite flowers of delicious fragrance. **Pkt., 5c.; ½ oz., 15c.; 1 oz., 25c.; oz., 40c.**

**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.; 1 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. **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. **Pkt., 10c.**

**Aconitum (Monk's Hood)**—Popular, hardy perennials, with long spikes of helmet-shaped flowers; 2 to 3 feet. **Mixed colors. Pkt., 5c.**

**Acroclinium** 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. 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. **Pkt., 5c.**

**Special Attention** is called to the fact that most of the illustrations in this Catalogue are actual reproductions from photographs taken by ourselves. They convey, therefore, a correct idea of what the stuff really looks like, and customers can look with confidence through our Catalogue. We avoid exaggeration and the pictures tell the truth!



Fine  
for Borders.  
**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.

**Perfection Blue**—Splendid large heads of deep amethyst blue. Compact growth, 9 inches high. Deepest colored of all Ageratums. Fine bedder. (See illustration.) **Pkt., 10c.; 1/2 oz., 25c.**

**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.; 1/2 oz., 25c.**

**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.**

**Imperial Dwarf Blue**—8 inches. **Pkt., 5c.**

**Imperial Dwarf White**—8 inches. **Pkt., 5c.**

**Mexicanum**—Lavender-blue. 1 1/2 feet. **Pkt., 5c.**

**Finest Mixed**—Splendid. **Pkt., 5c.; 1/2 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. Fine mixed. **Pkt., 5c.; 1/2 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. **Pkt., 5c.; 1/2 oz., 15c.**

**Anemone Coronaria**—Spring flowering, hardy garden Anemone. Easily grown from seed. Mixed Colors. **Pkt., 5c.**  
**PLANTS**—See page 107.

## Livingston's New Giant-Flowered Antirrhinum (Snap Dragon)

This old favorite is one of the most beautiful and useful border plants of our gardens. Its flowers, as you know, 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.

**Giant White**—Pure snow-white. **Pkt., 10c.**

**Giant Rose**—Delicate rose-pink. **Pkt., 10c.**

**Giant Scarlet**—Brilliant scarlet. **Pkt., 10c.**

**Giant Yellow**—Pure soft yellow. **Pkt., 10c.**

**Giant Queen Victoria**—New. Extra large, superb; pure white. **Pkt., 10c.**

Collection Giant Antirrhinums, 5 separate colors, 35c.

**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.; 1/2 oz., 30c.; oz., \$1.00.**

**Dwarf Mixture**—Contains the very choicest colors. 12 inches. **Pkt., 5c.; 1/2 oz., 20c.**

**Tall Mixture**—The best colors. 2 feet. **Pkt., 5c.; 1/2 oz., 15c.**



## 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. (See illustration.) Hardy perennial. 1 1/2 to 2 feet. **Aquilegia Plants**—See page 107.

**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.**

**New Single Hybrids**—Large-flowering. Very fine. **Mixed Colors. Pkt., 10c.**

**New Long-Spurred Columbine "BOSE QUEEN"**—A beautiful novelty, producing in great profusion 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.**

**Double Varieties Mixed**—A very choice assortment. **Pkt., 5c.**

**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 2 1/2 to 3 inches across. Pure white, with light blue center, the underside of petals being pale lilac. Of easy culture. Blooms from early summer until frost. Annuals. Height 2 feet. **Pkt., 10c.; 2 pkts., 15c.; 1/2 oz., 25c.**

## Aristolochia Siphon

(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. **Pkt., 10c.**

**ARISTOLOCHIA PLANTS**—See page 113.

## Asparagus

**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.**

**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.**

**ASPARGUS PLANTS**—See page 98.

## Asperula

(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.**

## Livingston's 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. The finest mixture in cultivation. **Pkt., 10c.; ½ oz., 40c.**

**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.**

**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.**

**Double Carmine**—**Pkt., 5c.; oz., 60c.**

**Double Lavender**—**Pkt., 5c.; oz., 60c.**

**Double Rose**—**Pkt., 5c.; oz., 60c.**

**Double Bright Scarlet**—**Pkt., 5c.; oz., 60c.**

**Double Pale Yellow**—**Pkt., 5c.; oz., 60c.**

**Double Dark Blood Red**—**Pkt., 5c.; oz., 60c.**

**Double White**—**Pkt., 5c.; oz., 60c.**

**Double Peach Blossom**—**Pkt., 5c.; oz., 60c.**

**Double Red Spotted White**—**Pkt., 5c.; oz., 60c.**

**Double Mixed Balsam**—**Pkt., 5c.; ½ oz., 15c.; oz., 50c.**

Collection Double Balsams, 10 separate colors, **35c.**

### 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. **Pkt., 5c.; oz., 20c.**

### Balsam Apple and Pear

(*Momordica*)

Very curious vine with ornamental foliage. Its large golden-yellow fruit opens when ripe and shows its brilliant blood-red inside. Hardy annuals. 10 feet. Balsam Apple and Pear, mixed, **pkt., 5c.; ½ oz., 10c.**

**BELLIS**—See Daisies, page 72.

### Begonias

#### TUBEROUS ROOTED BEGONIAS

Among the most popular of all the summer-flowering bedding plants. Start the seed early in the house or greenhouse.

**Best Double Mixed—Prize Strain.** **Pkt., 25c.**

**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. Our mixture contains the finest sorts. **Pkt., 25c.**

#### EVERBLOOMING BEGONIAS

This *Semperflorens* class make reliable bedding plants. Start the plants early in the house and set out in the garden in June.

**Finest Mixed**—Our strain contains a great variety of colors, both in flowers and foliage. A superior assortment. **Pkt., 10c.**

**Vernon**—An elegant variety, with bright orange-carmine flowers and very dark leaves. **Pkt., 10c.**

**BEGONIA TUBERS**—See page 96.

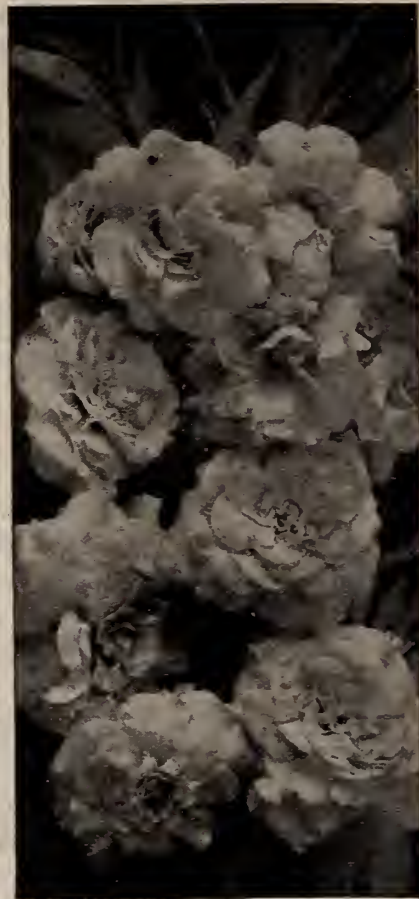
**BEGONIA PLANTS**—See page 98.

## Canterbury Bells (Campanula)

This old-fashioned flower is a favorite with all. Stately and showy, and of the easiest growth. Hardy biennials.



Canterbury Bells (Campanula).



Livingston's Premium Balsams. **Pkt., 10c.**

**Calycanthemum "Cup and Saucer"**—Our mixture includes all the best colors and varieties. **Pkt., 5c.**

**Finest Double Mixed**—**Pkt., 5c.** **Finest Single Mixed**—**Pkt., 5c.**

**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.**

**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.**

#### HARDY CAMPANULAS

**Pyramidalis Blue**—Height 3½ feet. **Pkt., 10c.**

**Pyramidalis White**—Height 3½ feet. **Pkt., 10c.**

**Carpatica**—Beautiful free-flowering, hardy perennial; fine for groups and edgings. Blue and White, mixed. 9 inches. **Pkt., 5c.**

**CAMPANULA PLANTS**—See page 107.

## 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

**Crimson Bedder**—Beautiful crimson blooms. **Pkt., 10c.**

**Florence Vaughan**—Very large yellow flowers, thickly spotted bright red; foliage green. **Pkt., 10c.**

**Duke of Marlborough**—Flowers dark, rich velvety maroon; the darkest variety to date; foliage green. **Pkt., 10c.**

**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. **Pkt., 5c.; oz., 25c.**

**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 100.





Coreopsis, Golden Wave. Pkt., 5c.

**Calceolaria**

Ornamental greenhouse plants producing a mass of brilliantly colored pocket-like flowers, elegantly colored. **Finest Mixed Varieties.** Pkt., 25c.

**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.

**3 New Large-Flowering Dwarf Hybrid Candytufts.** These exquisite new varieties far surpass all the older sorts. The florets are double in 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.)  
**Large-Flowering Dwarf, White**—Pkt., 10c.; ½ oz., 35c.  
**Large-Flowering Dwarf, Mixed**—Pkt., 10c.; ½ oz., 35c.  
**Rose Cardinal**—Very large umbels of bright rose-cardinal flowers, so prolific that a bed presents an unbroken sheet of bloom. Height 8 inches. Pkt., 10c.; ½ oz., 40c.  
**Empress, or Giant Hyacinth-Flowered**—An improved strain, producing immense trusses of pure white bloom,

frequently measuring 6 inches in length by 3 inches through. Fine for bedding and cutting. Height 1 foot. Pkt., 10c.; ½ oz., 15c.; 1 oz., 25c.; oz., 40c.

**White Rocket**—Compact spikes. Pkt., 5c.; oz., 15c.  
**Odorata**—Pure white; most fragrant. Pkt., 5c.; oz., 20c.  
**Dark Crimson**—A brilliant shade. Pkt., 5c.  
**Candytuft, Mixed Annual Sorts**—Our mixture contains all the best varieties and colors. Pkt., 5c.; oz., 15c.

**HARDY CANDYTUFTS**

Much used for rockeries, cemeteries, etc. 1 foot.  
**Gibraltarica**—Lilac, shading to white. Pkt., 10c.  
**Sempervirens**—Pure white. Pkt., 10c.; ½ oz., 25c.

**Choice Carnations**

Seeds may be sown under glass in spring, or in open ground, but must be protected in winter. Half hardy.

**Varieties That Bloom the First Year From Seed**

**GIANT MARGUERITE CARNATIONS**

The flowers are 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.

**Marguerite Double White**—Pure white, large flowers; stiff stalks. Pkt., 10c.

**Marguerite Double Yellow**—Pkt., 15c.

**Marguerite New Half Dwarf Mixed**—A grand new sort. Flowers are very large, double and fragrant. Colors include white, pink, crimson and striped. **Mixed Colors.** Pkt., 10c.; ½ oz., 40c.

**Chaubaud's New Giant Perpetual**—Comes into bloom in a little over four months from seed; of extra large size; fine range of colors; very sweet scented. **Mixed Colors.** Pkt., 10c.

**New 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.

**LIVINGSTON'S "PEERLESS" CARNATION MIXTURE**

All Bloom the first Summer. A very choice mixture including all the above superb sorts. Pkt. (about 75 seeds), 25c.

**CARNATIONS THAT BLOOM THE SECOND YEAR FROM SEED**

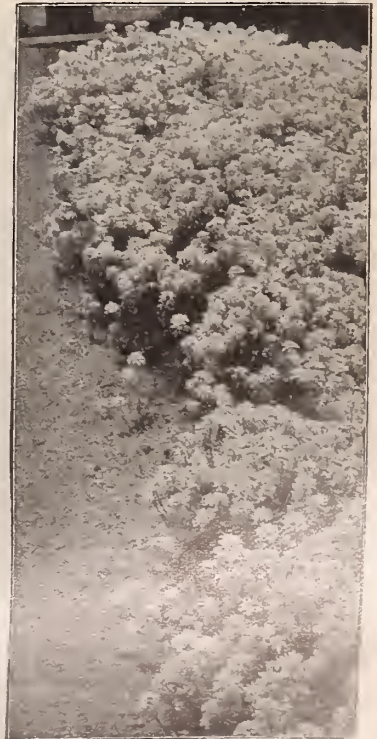
**Fine Double Mixed**—Pkt., 10c.

**Dwarf Vienna**—An early-flowering Carnation, very double, of the choicest colors. Pkt., 10c.

**Red Grenadin**—For yielding a quantity of double red flowers no outdoor Carnation can equal it. Pkt., 10c.



Livingston's Choice Carnations



Dwarf Hybrid Candytuft. Pkt., 10c.



Celosia, New Ostrich Plume.

## 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. 1½ feet.

**Fine Double Mixed**—Contains the choicest sorts. **Pkt., 5c.; oz., 20c.**

## Canary-Bird Vine

Easy-growing, free-blooming annual climbers for house or garden. Bright yellow flowers resembling a canary bird with extended wings. 10 feet. **Pkt., 5c.; ½ oz., 15c.**

## Catchfly (Silene)

A showy, free-blooming annual; 6 inches. Mixed sorts and colors. **Pkt., 5c.**

## 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.

### COMB VARIETIES

**Queen of the Dwarfs**—Grows only about 8 inches high. Immense combs of perfect form; brilliant dark rose. **Pkt., 10c.**

**Glasgow Prize**—Large and very showy dark crimson combs. One of the most popular varieties. 9 inches. **Pkt., 10c.; ½ oz., 30c.**

**Empress**—Combs of colossal proportions; they have been grown measuring 45 inches from tip to tip; rich crimson. **Pkt., 10c.; ½ oz., 50c.**

**Finest Dwarf Mixed**—A choice mixture of all sorts and colors. **Pkt., 5c.; ½ oz., 25c.**

### OSTRICH PLUME SORTS

A new type of Celosia, graceful and ornamental in the extreme. Handsome, pyramidal plants, 3 feet high, freely branched. Each branch gracefully tipped with mammoth, brilliantly colored plume resembling an ostrich feather. (See illustration.)

**Gold Plume**—Golden yellow. **Pkt., 5c.**

**Fire Plume**—Fiery scarlet. **Pkt., 5c.**

**Thompsoni Magnifica**—A grand variety of the ostrich plume type; mammoth blossoms of vivid scarlet, purple, blood-red, golden yellow, salmon, etc. 2 ft. Mixed colors. **Pkt., 10c.; ½ oz., 25c.**

Collection, the 3 new Ostrich Plume Celosias, listed above, 15c.

## 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.

**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.**

### 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, and very showy in the garden all summer long. (See illustration.)

**Giant Mixed Colors**—An elegant assortment of colors. **Pkt., 5c.; ½ oz., 25c.; oz., 75c.**

**Giant White**—Splendid for bouquets; large, fragrant, elegant. **Pkt., 5c.; ½ oz., 25c.**

**Giant Odorata**—An exquisite light blue; very sweet, large and elegant. **Pkt., 5c.**

**Giant Suaveolens**—This is the popular yellow Sultan; large, fragrant. **Pkt., 5c.**

### 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-foliated plants; extensively used for edgings, hanging baskets, etc. Start early.

**Candidissima**—Very thick, broadly-cut, silvery white leaves. 1 foot high. **Pkt., 10c.**

**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

**Double White**—Pure white. **Pkt., 5c.** **Double Golden Yellow**—**Pkt., 5c.**

**Double Sorts Mixed**—All the most desirable colors. **Pkt., 5c.; ½ oz., 15c.**

**Livingston's Choice Mixed Chrysanthemums, Single and Double Sorts**—Very desirable for the summer garden; showy; free-flowering. **Pkt., 5c.; ½ oz., 15c.; ½ oz., 25c.**

### SEEDS OF PERENNIAL VARIETIES

**Japanese Hybrids**—The best double-flowering varieties. **Pkt., 15c.**

**Frutescens (Marguerite, or Paris Daisy)**—Large, single white flowers. **Pkt., 5c.**

**CHRYSANthemum INODORUM (Bridal Robe)**—New; pure white; extra fine. **Pkt., 10c.**

**Maximum (Triumph Daisy)**—Large, single, pure white, yellow center. **Pkt., 10c.**

**Shasta Daisy**—**Pkt., 10c.** For description, see page 87.

**CHRYSANthemum PLANTS**—See page 99.

## 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.

**Livingston's Prize Mixture**—Contains only the richest and most beautiful colors. Compact and branching plants; blooms very large. **Pkt., 25c.**

**Large-Flowering Mixture**—A very superior strain. **Pkt., 15c.**

**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.**



Centaurea Imperialis—Giant Flowering Sweet Sultan.

**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.

**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**—Everybody knows this splendid hardy climber. When in bloom it is a fragrant blanket of white. Grows easily; fine for cemetery. Pkt., 10c.

**Clematis Plants**—See page 113.  
**COLUMBINE**—See **Aquilegia**, page 67.

**COREOPSIS**—See **Calliopsis**, page 69.

**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. Pkt., 5c.

**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. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1b., 75c.

**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. The seed will sprout more readily if quite warm water is poured on the ground after sowing.

**Pure White**—Pkt., 5c.

**Bright Scarlet**—Pkt., 5c.

**Finest Mixed**—A mixture of Pure White and Bright Scarlet. Pkt., 5c.; 1/2 oz., 15c.

**Ivy-Leaved Scarlet**—The blooms are fiery-scarlet, and the leaves ivy-like. Pkt., 5c.

**Early Summer-Flowering Cosmos**

**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.; 1/4 oz., 25c.

**Dwarf Early-Flowering Mixed**

Identical with above, but contains all the elegant colors known in Cosmos. Pkt., 5c.; 1/2 oz., 15c.; 1/4 oz., 25c.

**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.

**Extra Fine Mixed Hybrids**—A mixture made up of the finest and showiest varieties possible to obtain from specialists. Pkt., 15c.

**Fine Mixed Hybrids**—Mixed seed from a very fine collection. Pkt., 10c.

**New Large-Leaved "Fringed"** Coleus—The leaves are large, superbly variegated, deeply cut, lacinated, fringed. Colors and markings new and striking. Pkt., 20c.

**Coleus Plants**—See page 100.

**Cyclamen**

These elegant greenhouse plants (see illustration) have the most beautiful foliage and the richest colored flowers. Seed may be sown in the spring or autumn. For large size blooms, substance and brilliant colors, our strains are unsurpassed.

**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.

**Cyclamen Persicum, Finest Mixed**—A choice assortment of varieties and colors. Pkt., 10c.



Livingston's Giant Cyclamen.

**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 one foot to eighteen 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 an 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.)

**Mammoth Perfection, Mixed**—A superb mixture of every color and shade in these splendid Cosmos. Pkt., 5c.; 1/2 oz., 10c.; oz., 30c.

**Mammoth Perfection, Pure White**—A splendid large flower. Pkt., 5c.; 1/2 oz., 15c.

**Mammoth Perfection, Light Pink**—Blooms are truly superb. Pkt., 5c.; 1/2 oz., 15c.

**Mammoth Perfection, Crimson**—A rich and brilliant shade. Pkt., 5c.; 1/2 oz., 15c.

**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. The daintiest Cosmos yet introduced. Pkt., 10c.

**New Gigantic Orchid-Flowered Cosmos, LADY KEMPE**—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 in 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. Habit of plant, strong and vigorous, growing 6 to 7 feet high. Flowers may be cut with any length of stem up to 5 feet. A splendid variety. **Perfection Cosmos** Pkt., 15c.; 2 for 25c.; 1/2 oz., 50c.



Perfection Cosmos Pkt., 15c.; 2 for 25c.; 1/2 oz., 50c.

## 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. The flowers are abundant in early spring, and continue blooming well into the summer. They do best in a rich soil and quite cool situation. Especially are they desirable for decoration in the cemetery. Perennial. Height about 6 inches.

**Giant Longfellow**—A very desirable double sort; dark pink; flowers very large. Pkt., 10c.

**Giant Snowball**—A large and very double pure white variety. The flowers make fine cut flowers, as the stems are long. Pkt., 10c.

**Giant Mixed Daisies**—This assortment includes the Giant Longfellow, Giant Snowball and Giant Red, as well as many other finest sorts. Pkt., 10c.

**Double White**—A very fine white variety. Pkt., 5c.

**Double Rose**—Clear rose-pink. Pkt., 5c.

**Fine Double Mixed**—A very choice mixture. Pkt., 5c.

For other varieties of Daisies, see *Chrysanthemums*, page 70.

## 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 95.

### Seeds of Single Dahlias

**Giant Perfection Mixed**—A gorgeous new strain of immense single flowers, of various beautiful colors, including many charming spotted and striped sorts. Pkt., 10c.

**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.

**Striped and Spotted Varieties**—A very beautiful class, with finely cut foliage and large single flowers of perfect form and many brilliant colors. Pkt., 5c.

**Large-Flowering Single Mixed**—Splendid assortment of single-flowering varieties. Pkt., 5c.

### Seeds of Double Dahlias

**Large-Flowering Choicest Double Mixed**—This elegant assortment of seed is saved from the most select and perfectly double varieties. Gives perfect results. Pkt., 10c.

**Fine Double Mixed**—Very choice mixture of fine double, large-flowering sorts. Pkt., 5c.

**Pompon Varieties, Fine Mixed**—These have small, round, perfectly double flowers; many beautiful colors. Pkt., 5c.

**Double Tom Thumb, Superb Mixture**—A splendid strain, growing about 18 inches high; very double; fine for beds. Pkt., 10c.



Cactus Dahlia. Pkt., 10c.



Giant Double Daisy Bellis.

### Seeds of DOUBLE DAHLIAS—Cont.

**Cactus Varieties, Choicest Mixed**—Most popular at the present time; distinct and elegant; petals pointed; blooms perfectly double. (See illustration.) Pkt., 10c.

**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. It will make a most elegant bed of Dahlias for very small cost. Pkt., 15c.

### 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.

**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.; 1/2 oz., 20c.

**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 so much care and attention has been devoted to their cultivation that the size and colors of the flowers have been wonderfully improved. The splendid spikes of bloom are the admiration of everyone. Persistent bloomers, even in the driest seasons. The perennial varieties will bloom the first year if seed is sown early. (See illustration.) 2 to 4 feet.

**New Giant-Flowering Double Hybrids**—These magnificent hybrids, the grandest 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.

**Elatum (Giant Bee Larkspur)**—Clear blue flowers; 3 feet. Pkt., 5c.

**Elatum Hybridum**—Finest mixed. Pkt., 10c.

**Formosum**—Elegant spikes of the richest dark blue flowers, with a white center; especially fine for cutting. 4 feet. Pkt., 5c.

For additional varieties of Delphiniums, see top of page 73.



Delphiniums in the hardy border.



Foxglove (*Digitalis*).

### Delphiniums—Continued

**Formosum Coelestinum**—Light sky-blue flowers, with darker centers; a very fine variety. 4 feet. **Pkt., 10c.**

**Zahli**—The splendid spikes of bloom are a lovely shade of sulphur-yellow. 4 feet. **Pkt., 10c.**

**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 77.

### 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.

**Gloxiniaeflora**—A beautiful class, with spotted flowers. We offer a mixture of the finest varieties. **Pkt., 5c.; 1/2 oz., 20c.**

**Grandiflora**—A variety that grows about 2 feet in height. A very fine yellow in color. **Pkt., 5c.; 1/2 oz., 20c.**

**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.**

**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

annuals 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

**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.**

**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.**

**Laciniatus (Double Fringed Pinks)**—Magnificent flowers; very large; double. Mixed colors; striped and fringed edges. **Pkt., 5c.; 1/2 oz., 25c.**

**Heddewigi (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.**

**Mourning Cloak (White Frill)**—A splendid variety with very double flowers of rich velvety crimson, margined with pure white. **Pkt., 5c.**

**Diadematus (Double Diadem Pinks)**—All shades of crimson, lilac and purple, edges of the blooms being white and very beautifully fringed. **Pkt., 5c.; 1/2 oz., 20c.**

**Imperialis (Double Imperial Pink)**—Charming varieties of these popular pinks. Our mixture includes a great number of colors. **Pkt., 5c.**

**Snowball**—Double white, fringed flowers; a very fine variety. **Pkt., 5c.**

**Fireball**—A brilliant dark scarlet; plants grow dwarf and bushy; is very fine for bedding or cut flowers. **Pkt., 5c.; 1/2 oz., 25c.**

**Chinensis (China or India Pink)**—Our mixture includes all the best colors and shades. **Pkt., 5c.; 1/2 oz., 15c.; oz., 50c.**

**Livingston's Mixture of Double Pinks**—A blended combination of all the best varieties. (See illustration.) **Pkt., 5c.; large pkt., 10c.; 1/2 oz., 25c.**

### Single Annual Pinks

**Single Royal Pinks**—A superb mixture. **Pkt., 10c.**

**Punctatus, or "Princess Pinks"**—A new strain of the annual garden pinks bearing large fringed-edged single flowers of several different ground colors, over which is dotted and blotched different contrasting colors. Unique and beautiful. **Pkt., 10c.**

**Livingston's Mixture of Single Pinks**—A 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.**

**LIVINGSTON'S PERFECTION MIXTURE OF PINKS**—A magnificent mixture, containing all 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.

**New Double Large-Flowering Grass, or Spice Pinks** (*Plumarius Nanus* 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., 15c.; 2 pkts., 25c.**

**New Single Large-Flowering Grass, or Spice Pink**—Same as above, only single. **Pkt., 20c.**

**Plumarius** (Pheasant's Eye Pink)—A single hardy Pink; fringed edge, white flowers with dark centers. **Pkt., 5c.**

**Double Clove Pink** (*Plumarius flore pleno*)—Double and semi-double varieties. Many colors; of strong clove fragrance. **Pkt., 10c.**

**Perpetual-Flowering Pinks** (*Semperforens*)—Strong clove fragrance; blooming continually from May until autumn. Embraces best double, semi-double and single varieties. Beautiful colors. **Pkt., 20c.**

**Cyclops Hybrids**—Superb, double-flowering red and scarlet varieties; very fragrant. **Pkt., 15c.**

**Livingston's "Hardy Garden" Mixture of Pinks** (See illustration)—A magnificent mixture, containing all the above choice single and double sorts. **Pkt., 10c.; 3 pkts., 25c.; ½ oz., 50c.**

**Plants of Hardy Pinks**—See page 110.

## 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.

**"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.**

**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.**

**Finest Mixed**—Very choice mixture of all the best climbing varieties. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.; 1 lb., 50c.**



Eschscholtzia (California Poppies).  
Pkt., 5c. and 10c.



OLD FASHIONED HARDY  
GARDEN PINKS

## 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.)

**Burbank's New Crimson-Flowering**—A beautiful new strain of giant-flowering Eschscholtzia producing in great abundance clear rosy-crimson flowers. Bushy plants about 1 foot high and of the same diameter. A wholly new and very dainty production. **Pkt., 10c.**

**Burbank's New Crimson and Gold**—A handsome new variety similar to the above, but instead of being all crimson the flowers are charmingly splashed and shaded with a rich deep gold. **Pkt., 10c.**

**"The Golden West"**—An 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.**

**Finest Double Mixed**—A splendid assortment of colors. **Pkt., 5c.; ½ oz., 15c.; oz., 50c.**

**Finest Single Mixed**—All the best varieties. **Pkt., 5c.; oz., 25c.**

**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.**

## Echeveria (Hen and Chickens)

These plants are easily grown from seeds. Our mixture contains a great variety, both in shapes and colorings. **Pkt., 10c.; 3 pkts., 25c.**

## Euphorbia

Easily grown annuals with very ornamental foliage; very fine in mixed beds. **Variegata** (Snow on the Mountain)—Foliage veined and margined with white. 2 feet. **Pkt., 5c.**

## Ferns

The seed is slow to germinate. Sow very shallow, barely covering the seed with fine soil in pots or boxes and transplant.

**Hardy Varieties Mixed**—Finest sorts for garden culture. **Pkt., 15c.**

**Greenhouse Varieties Mixed**—The best varieties for greenhouse. **Pkt., 25c.**

## Feverfew (Matricaria)

Free-flowering annuals about one 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. **Pkt., 10c.**

## 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. **Pkt., 15c.**

**Forget-Me-Not**—See *Myosotis*, page 79.  
**Four O'Clock**—Marvel of Peru, page 78.



Spray of Fuchsia. Pkt., 15c.



Gaillardias, or Blanket Flowers. Pkt., 5c.

## 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. Of the easiest culture, doing finely anywhere. Height 2 feet.

### ANNUAL GAILLARDIAS

**Finest Single Mixed**—A very fine assortment of many brilliant colors. Pkt., 5c.

**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** (See illustration)—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. Pkt., 5c.

**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.

**Grandiflora Semi-Double**—Very large flowering; the 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 PLANTS**—See page 108.

## Ornamental Gourds

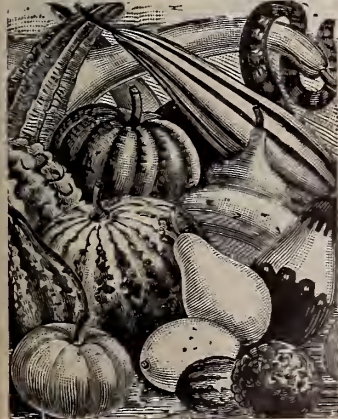
### Livingston's Extra Fine Gourd Mixture

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. (See illustration.) Pkt., 5c.; ½ oz., 20c.; oz., 35c.

Separate Varieties of Gourds—See page 32.

### 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. Pkt., 5c.



Mixed Ornamental Gourds. Packet, 5c.

## Heliotrope

Easily raised from seeds, spring plantings giving fine summer blooming plants. As a bouquet flower always a favorite.

**Lemoine's Giant Hybrids**—Grand flowers, double the size of the older sorts. Bushes compact, about 18 inches high; the 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.

**Dark Varieties Mixed**—All the best dark blue and lavender shades in mixture. Pkt., 5c.

**All Sorts Mixed**—In best assortment; all shades, both light and dark. A very desirable strain. Pkt., 5c.

**Hardy Garden Heliotrope**—See Valeriana, page 92. Pkt., 5c.

## 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 the varieties we offer of very superior quality.

**Zonale Varieties**—Our mixture includes the very finest varieties; many entirely new sorts may be expected. Pkt., 10c.

**Large-Flowering Varieties**—A splendid strain; seed is saved from the finest double sorts. Pkt., 25c.

**Variegated-Leaved Sorts**—Bronze, Gold, Silver and Tri-Colored foliaged varieties. An elegant collection. Pkt., 15c.

**Lady Washington**—These are the well-known rich-colored show Pelargoniums. Our mixture includes all the best varieties. Pkt., 20c.

**Apple-Scented**—The old-fashioned favorite apple-scented Geranium. Pkt., 10c.

**GERANIUM PLANTS**—See page 102.

## Gloxinia

If started in the spring, they make fine pot plants the following winter. Profuse bloomers. Colors range from pure white to dark blood-red, pink, lavender, indigo-blue, marbled and spotted. Pkt., 25c.

**GLOXINIA BULBS**—See page 96.

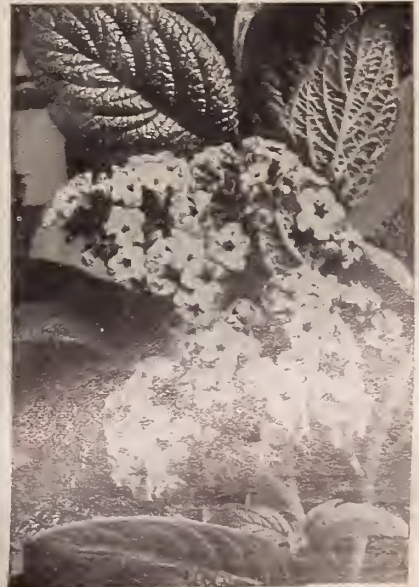
## Gladiolus

New and rare varieties are produced from seed. Our assortment contains an elegant variety of shades. Pkt., 10c.

**GLADIOLUS BULBS**—See page 94.

## 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. Pkt., 5c.



Heliotrope, Lemoine's Giant Hybrids.



Livingston's Superb Double Prize Hollyhocks.  
Pkt., 10c.

## 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, the following year. 5 to 7 feet.

### 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. (See illustration.) 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.

Double Black, white edged, pkt. 10c.	Double Blush Pink, pkt. 10c.	Double Scarlet, pkt. 10c.
Double Lemon Yellow, pkt. 10.	Double Rose Pink, pkt. 10c.	Double Lavender, pkt. 10c.
Double Pure White, pkt. 10c.	Double Crimson, pkt. 10c.	Double Salmon, pkt. 10c.
	Double Maroon, pkt. 10c.	

**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.

**Fine Double Mixed**—This is an especially good assortment of double-flowering sorts, containing many fine colors. Pkt., 5c.;  $\frac{1}{2}$  oz., 25c.

**Mammoth Allegheny**—An 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 the deepest red. In form the flowers are double, semi-double and single; and the plants are in full bloom from July until frost. Our mixture comprises all the forms and colors. Pkt., 10c.;  $\frac{1}{2}$  oz., 30c.

### 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 the end of July, ten days after Hollyhocks that have been treated as biennials. Plants flower uninterruptedly until very late in the season. They branch out freely and grow to a height of about 10 feet.

**Mixed Annual Hollyhocks**, pkt., 10c.;  $\frac{1}{2}$  oz., 40c.  
The plants being strong growers, very free and abundant bloomers. We have a very fine mixture of all colors. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.

**Humulus (Japanese Hop)**—A splendid climber. Has handsome foliage, which resembles that of the common Hop Vine. Especially desirable, as the plant never suffers from summer heat or the attack of insects. Of easiest culture. Japonicus—Has bright green foliage. Pkt., 5c.

**Silver-Leaf Japanese Hop**—An 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. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.

## Hibiscus (Marshmallow)

Tall growing and especially adapted to backgrounds and shrubbery borders. Of the easiest culture, and bloom the entire season. Flowers are of enormous size. Plants grow 4 to 5 feet tall.

**Africanus**—A very choice annual variety. Flowers yellow, with maroon centers. Pkt., 5c.

**Crimson Eye**—The beautiful white flowers, with deep crimson centers, are of immense size, often 6 to 7 inches in diameter. Perfectly hardy. Pkt., 5c.

**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. Mixed. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.

**HELIANTHUS**—See Sunflower, page 87.

**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 rockwork, vases or hanging baskets. Flowers white. Start seed in the house. Pkt., 5c.

**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.

**Holstii Hybrids**—Very handsome Zanzibar Balsam recently discovered in Africa. It forms bushes  $1\frac{1}{2}$  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.

**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 exquisite foliage. Pkt., 10c.

**KOCHIA**—See top of page 77.

**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 very luxuriant, quickly forming a dense shade. Unequaled for porches, arbors, trellises, etc. Pkt., 10c.; 3 pkts., 25c.

**Kudzu Vine Plants**—See page 114.

**Lavender** Popular sweet scented hardy perennial; fine for mixed border. 3 feet. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.

**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 hotbed. Tender perennial.  $1\frac{1}{2}$  feet. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.



Hibiscus, Crimson Eye. Pkt., 5c.



## 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. **Pkt., 10c.; 1 oz., 25c.**

## 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.

**Pure White**—Pkt., 10c. **Violet Blue**—Pkt., 10c.  
**Light Blue (New)**—Pkt., 10c.

**Mixed Stock-Flowered Larkspur, All Colors**—Pkt., 10c.; oz., 40c.

**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 oz., 10c.**

**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 oz., 25c.**

**Double Dwarf Rocket**—A most choice mixture of varieties, that grow about 1 foot in height. **Pkt., 5c.; 1 oz., 15c.**

**Double Tall Rocket**—This well-known mixture embraces the very choicest colors in the taller growing sorts. **Pkt., 5c.; 1 oz., 15c.**

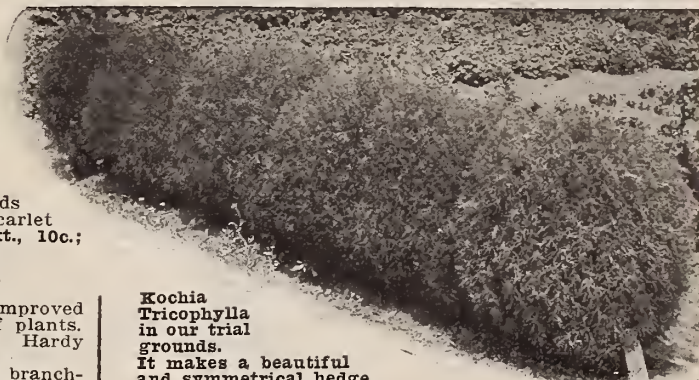
**PERENNIAL LARKSPURS**—See Delphinium, page 72.

**LATHYRUS**—See Hardy Sweet Pea, page 92.

**Lychnis** Few plants produce as bright flowers and bloom as continuously as Lychnis. A hardy perennial, but flowers the first season from seed if sown early. 2 feet.

**Chalcedonica (Rose Champion)**—An intensely bright scarlet variety. **Pkt., 5c.**

**Finest Mixed Hybrids**—Plants compact and bushy; colors include all the most brilliant shades, from pure white to deepest red. **Pkt., 5c.**



**Kochia Tricophylla** in our trial grounds. It makes a beautiful and symmetrical hedge.

## 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.

**Crystal Palace Compacta**—Best dark blue sort for edgings and carpet bedding. **Pkt., 10c.; 1 oz., 50c.**

**Emperor William**—A brilliant, compact-growing light blue; a very fine variety. **Pkt., 5c.**

**Gracilis**—Fine for hanging baskets, vases and window boxes. Light blue. A trailing variety. **Pkt., 5c.**

**Mixed Compacta Sorts**—A very fine mixture of all the best varieties for edgings and bedding. **Pkt., 5c.**

**HARDY PERENNIAL LOBELIA**

**Cardinalis**—A fine border plant; brilliant scarlet. 3 feet. **Pkt., 10c.**

## Livingston's Superb Marigolds

These old-fashioned favorites are annuals of the very easiest culture. 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

**Mammoth Lemon Queen**—Flowers very large; double; rich lemon color. 3 feet. **Pkt., 5c.; 1 oz., 25c.**

**Mammoth Orange Prince**—Enormous double blooms, of an intense, very striking orange. 3 feet. **Pkt., 5c.; 1 oz., 25c.**

**Mammoth Tall Mixed**—A splendid assortment of all the best shades in African Marigolds. 3 feet. **Pkt., 5c.; 1 oz., 20c.; oz., 35c.**

**Mammoth Dwarf Mixed**—The flowers are enormous in size, but the plants grow dwarfer. 1½ feet. **Pkt., 5c.; 1 oz., 20c.; oz., 35c.**

### French Marigolds

**Legion of Honor (Little Brownie)**—A handsome single variety, covered with a multitude of flowers. In color it is a velvety golden yellow blotched with purple. 1 foot. **Pkt., 5c.; 1 oz., 20c.**



African Marigolds. Pkt., 5c.

**Electric Light**—An especially fine double-flowering sort. The sulphur-yellow flowers are striped and spotted with brown. 1 foot. **Pkt., 5c.; 1 oz., 20c.**

**Tall Double Mixed**—A splendid assortment of all the best colors in striking combinations. 2½ ft. **Pkt., 5c.; 1 oz., 15c.; oz., 25c.**

**Dwarf Double Mixed**—Similar mixture to above in colors, but the plants grow much dwarfer. 1 foot. **Pkt., 5c.; 1 oz., 15c.; oz., 25c.**



Partial View of Flower Trials, "True Blue" Seed Farm, 1909.

**ON OUR "TRUE BLUE" SEED FARM** We not only try the leading varieties of vegetables every year, but considerable space is also given to floral trials.

## Marvel of Peru (Four O'Clocks) (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.

**Variogated**—The brilliant flowers, in many colors, contrast finely with the golden-hued foliage. **Pkt., 5c.; oz., 15c.**

**Finest Mixed**—An elegant assortment of these old-fashioned favorites. **Pkt., 5c.; oz., 10c.; 1 lb., 25c.**

**MARGUERITES, or Paris Daisies**—See Chrysanthemums, page 70.

## 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.

**Livingston's 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.; 1 oz., 50c.**

**Machet**—A very fine variety, especially for growing in pots; has large, fragrant spikes of reddish bloom. **Pkt., 5c.; 1 oz., 20c.; 1 lb., 35c.**

**Golden Machet**—A distinct variety of the above, having golden-yellow flower spikes. Very sweet and elegant. **Pkt., 10c.; 1 oz., 20c.**

**Defiance**—Has immense spikes of bloom. Keeps long time after being cut, and is very fragrant. **Pkt., 5c.; 1 oz., 15c.**

**MESEMBRYANTHEMUM**—See Ice Plant, page 77.

## Morning Glories (Convolvulus)

**Livingston's 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. (See illustration.) Our mixture of seed of these magnificent Giant-Flowered Japanese Morning Glories is superb. **Pkt., 10c.; 1 oz., 15c.; oz., 25c.; 4 ozs., 75c.**

**Finest Mixed Japanese**—Very choice strain; flowers large, and in greatest variety of colors and shades. **Pkt., 5c.; 1 oz., 10c.; oz., 15c.**

**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.; 1 oz., 25c.; oz., 35c.**

**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.; 1 lb., 25c.; 1 lb., 75c.**

**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 ft.

**Mauritanicus**—A beautiful trailing plant; flowers bright blue. **Pkt., 5c.**  
**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.

**Northern Light**—The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands, all the Summer and Fall. **Pkt., 10c.**

**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.**

**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 CLIMBERS (Ipomoeas)

**Ipomoea Coccinea (Star Ipomoea)**—A splendid climber; bears small, star-shaped, scarlet flowers, in great abundance. **Pkt., 5c.**

**Ipomoea Bona Nox (Evening Glory)**—A favorite climber; with very fragrant violet flowers, that open in the evening. **Pkt., 5c.**

**Ipomoea Eubro-Coerulea (Heavenly Blue)**—The popular climber; has immense blooms of bright sky-blue. Very fine sort. **Pkt., 10c.**

## 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. **Pkt., 10c.**



Mignonette, Red Goliath.



GIANT JAPANESE MORNING GLORIES

**MOMORDICA** — See Balsam Apple and Pear, page 68.



Myosotis Palustris. Pkt., 10c.

## Myosotis

(Forget-Me-Nots)

The Forget-Me-Not is an old favorite, bearing clusters of star-shaped flowers (see illustration). 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.

**Palustris (True Forget-Me-Not)**—Beautiful blue; 6 inches. Pkt., 10c.; ½ oz., 30c.

**Alpestris**—Bright blue. Pkt., 5c.

**Victoria**—Sky-blue; dwarf globular habit; very large flowers. The best for forcing in pots. Pkt., 10c.

**Robusta**—Large sky-blue flowers; very fine. Pkt., 5c.

**Semperflorens**—Splendid dwarf Forget-Me-Not; will thrive in sun or shade; covered from early to late with beautiful blue flowers. Pkt., 5c.

**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.

**Tigrinus**—Striped and spotted varieties; very fine. Pkt., 10c.

**Moschatus (Musk Plant)**—Fine for hanging baskets, etc. Small yellow flowers. The foliage has a strong odor of musk. Pkt., 5c.

**Musa Ensete (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 in the first summer. Leaves magnificently long, broad, massive and of a beautiful bright green. Seeds very large. Pkt. (5 seeds), 10c.



MOONFLOWER



Livingston's  
Superb  
Top - Notch  
Mixture  
of the



## World's Best Giant Flowering Nasturtiums

No Flower is More Useful in Beautifying the Home  
(See illustration)

A Gorgeous Mixture. Absolutely the Finest Produced.

Our wonderful strain of Giant Ever-Blooming Nasturtiums is even grander and better for 1910 than ever before. We are constantly improving and adding new varieties to this unequaled mixture. It contains all the new Giant Flowering kinds in our **Perfection Collection** described on next 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 unequaled mixture. A row in full bloom is truly gorgeous beyond description, containing as it does 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.

Top Notch mixture of New Giant-Flowering Nasturtiums, postpaid. Large packet, 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

PLANT LIBERALLY OF "TRUE BLUE" FLOWER SEEDS. THEY ARE THE BEST MONEY CAN BUY!!

## Livingston's New Tall Giant Flowering Nasturtiums

### Livingston's Perfection Collection of New Giant Flowering Nasturtiums

Giant-Flowering, Ever-Blooming, Easy to Grow. The Most Satisfactory Flower in Cultivation. They Never Disappoint.

**7** LARGE PACKETS of the New and Wonderful Beautiful Kinds, postpaid, to any address, for **25c**

For many years we have made a specialty of Nasturtiums, devoting great care to selecting, improving and hybridizing them. The result of our labors we offer to our customers in this Perfection Collection of New Giant Flowering Nasturtiums, which we unqualifiedly believe to be 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.

**Giant Golden Yellow**—Mammoth flowers, frequently  $3\frac{1}{2}$  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.

**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.

**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.

**Giant Lemon and Rose**—Grand, extra large flowers of clear pale lemon color, varying to bright yellow; beautifully blotched with bronzy crimson. Pkt., 5c.; oz., 20c.

**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.

**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.

**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.

We strongly recommend everyone who desires truly Giant-Flowered Nasturtiums to try our Perfection Collection.

**Price** In order to quickly introduce these new Nasturtiums and assure a general planting of them this year, we have made the very low price of **25 Cents** postpaid, for the entire collection of 7 LARGE PACKETS. FIVE COLLECTIONS for \$1.00. With each Collection we send careful cultural directions.



Livingston's New Giant-Flowering Nasturtiums.

Most of the illustrations in this Catalogue are actual reproductions from photographs taken by ourselves. They convey, therefore, a correct idea of what the stuff really looks like and customers can look with confidence through our Catalogue. We avoid exaggeration and the pictures tell the truth!

### 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. Mixed Colors, pkt., 10c.

#### New Nasturtium, 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. The foliage is small, of a dark green color. Charming little plants. 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. Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 30c.

**Remember** we give six 5c. or three 10c. packets for 25c. See page 63 for full explanation of discounts on flower seeds. Also do not forget to ask for your **Free Premium Seeds** as offered on page 16.

## Livingston's New "Queen" Race of Tall Marble-Leaved Nasturtiums

This splendid new type of Nasturtiums 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.

**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. Tall. **15c. per pkt.; 2 pkts. for 25c.**

**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. Tall. **Pkt., 15c.; 2 pkts., 25c.**

**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; tall. **Pkt., 15c.**

**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., 10c.; ½ oz., 25c.**

## New Dwarf Marble-Leaved Nasturtiums

(See illustration on page 15)

**"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. **Pkt., 10c.**

**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. **Pkt., 15c.**

**Dwarf "Rose Queen"**—Considered at our trials the most beautiful of all the **Tom Thumb Queens**. Charmingly mottled foliage. Handsome bright rose-flowers. A most distinct and charming novelty. **Pkt., 15c.**

**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. **Pkt., 10c.; ½ oz., 25c.**



## 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 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. **Pkt., 10c.; oz., 15c.; ½ lb., 50c.**



Glory of the Garden Nasturtiums

### Some of the Reasons why "True Blue" Seeds are steadily gaining in popular favor:

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. Here are a few of our friends who kindly expressed their opinion:

Mr. E. Bushyager, Jeannette, Pa., writes: I just recall the fact that my first order was sent to you about 30 years ago and I think every year since.

Mr. Peter B. Suiter, Hebron, Ill., writes: We have used your seeds for 12 years. They always give satisfaction. Thanks for such good seeds.

# Livingston's Splendid Nasturtiums

Choice Named Varieties and  
Popular Priced Mixtures

## 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.

**Tall French Chameleon**—This variety produces blooms of many distinct colorings upon the same plant. Pkt., 5c.; oz., 15c.

**Dark Crimson**—Splendid variety; fine foliage. Pkt., 5c.; oz., 10c.

**Dunnett's Orange**—Beautiful orange. Pkt., 5c.; oz., 10c.

**Edward Otto**—Brownish-lilac and bronze tints. Pkt., 5c.;

**Heinemanni**—Chocolate color; fine for bouquets. Pkt., 5c.; oz., 10c.

**Jupiter**—Giant-flowered. Color a deep, very clear, golden yellow; of the strongest growth; profuse bloomer. Pkt., 5c.; oz., 20c.

**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.

**Tall Pearl**—Nearly white; for contrast. Pkt., 5c.; oz., 10c.

**Regelianum**—A deep, purplish violet. Pkt., 5c.; oz., 10c.

**Rose**—Bright soft rose; attractive. Pkt., 5c.; oz., 15c.

**Scarlet**—Bright scarlet; good foliage. Pkt., 5c.; oz., 10c.

**Schillingi**—Bright yellow; spotted with brown. Pkt., 5c.; oz., 10c.

**Vesuvius**—A pretty sort; in color a rich, deep apricot; a most striking shade. Foliage is very dark. Pkt., 5c.; oz., 15c.

**Mixed Tall Nasturtiums**—There is no flower of which you need seed in larger quantities for liberal plantings 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 79.

## 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.

**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. Pkt., 5c.; oz., 15c.; 1 lb., 50c.

W. W. Long, Kenton, O., writes as follows:

"Your seeds that we have had heretofore have always proven O. K. and I can recommend them to anyone as first class and to be as described."

## 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.

**Affinis**—A very popular sort; its flowers are pure white and deliciously fragrant. Always in bloom. Pkt., 5c.

**Sanderæ**—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, thousands of which are produced on a single plant. Pkt., 10c.

**Nigella (Love-in-a-Mist)**—A popular, old-fashioned flower; free-flowering, with finely-cut foliage surrounding the curious looking flowers and seed pods. A most easily grown annual from seed, doing well in any situation. Our mixture contains all the desirable varieties. Pkt., 5c.; 1 oz., 10c.

**Oxalis**—Pretty little annuals for hanging baskets, vases, rock-work and edgings. Its leaves are clover-like, and the small flowers very numerous and bright colored. We offer you a very fine mixture. Pkt., 5c.

## Dwarf, or Tom Thumb Nasturtiums

(*Tropaeolum nanum*)

The Dwarf, or Tom Thumb Nasturtiums, growing, as they do, about 1 foot in height and very compactly, 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.

**Dwarf Chameleon**—Of brilliant shades and diversified markings; some self colored, others splashed and mottled. Pkt., 5c.; oz., 20c.

**Empress of India**—A very compact-growing sort, having purplish-green leaves; the flowers are fiery crimson. Pkt., 5c.; oz., 15c.

**Golden King**—A rich orange-yellow. Foliage dark. Pkt., 5c.; oz., 15c.

**King of Tom Thumbs**—Glowing, darkest scarlet flowers. Foliage very dark green. A most rich and brilliant variety. Pkt., 5c.; oz., 15c.

**Dwarf King Theodore**—A velvety crimson-maroon, almost black. The leaves are the darkest in Nasturtiums. Pkt., 5c.; oz., 15c.

**Ruby King**—Brilliant ruby-red, with salmon tints. 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. Large pkt., 10c.; oz., 15c.; 1 lb., 50c.; 1 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. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1 lb., 80c.

**New Glory of the Garden**—Dwarf Nasturtiums, see p. 81.

## Dwarf Lilliput 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. Pkt., 5c.; oz., 20c.

**Livingston's NEW GIANT FLOWERING NASTURTIUMS**—See page 80.

## Ornamental Grasses

Very effective and attractive for garden borders and ornamental groups. Also extensively used when dried for winter bouquets and decorations. Will do well in any soil or situation.

**Eulalia Zebrina (Zebra Grass)**

—The long dark green leaves are beautifully striped with yellowish white. Perennial. 5 feet high. Pkt., 10c.

**Coix Lachryma (Job's Tears)**—A beautiful variety. Has corn-like leaves, and hard, glossy gray colored seeds, which naturally have a hole through them like beads. Children take delight in playing with and stringing them; they are also much used in screen (bead) portieres and basket making, together with the colored Ruffia grasses. 2 feet. Pkt., 5c.; oz., 10c.; 2 oz. (enough for a chain), 15c.; 1 lb., 25c.; 1 lb., 75c.

**Purple Fountain Grass (Pennisetum)**—Beautiful and graceful; is unequalled as an edging to tall-growing plants. Annual. 3 feet. Pkt., 5c.

**Mixed Annual Varieties of Ornamental Grasses**—Pkt., 5c.

**Ornamental Grass Plants**—See Eulalia, page 108.

## Oenothera (Evening Primrose)

Very pleasing annuals, with large and showy flowers of many colors. They are of the easiest culture, but like the sun. 2 feet. Pkt., 5c.

**Be Sure** To plant some of the Tall and Dwarf Variegated-Leaved Nasturtiums. They are very ornamental! Consult pages 15 and 81.



LIVINGSTON'S FANCY MIXTURE OF GIANT FLOWERING PRIZE PANSIES.

PACKET  
25 CTS



LIVINGSTON'S PRIZE MIXTURE  
of PHLOX DRUMMONDI.  
Large Packet 10 Cts., 1/2 Oz. 40 Cts., Oz. 75 Cts.



## 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 location 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 Two Popular Giant Flowering Pansy Mixtures

#### LIVINGSTON'S FANCY PANSY MIXTURE

See painting on other side of this page.

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 and striking variation.

#### BEST STRAINS OF GIANT MIXED PANSIES

**Giant Ruffled Pansies (Masterpiece)**—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.**

**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.**

**Giant German Pansies**—The German Pansies are noted for their almost endless variations, which include striped, blotched, bordered, veined, and marbled combinations, 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.**

**Eugnot'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 highly. **Pkt., 20c.; 3 pkts. for 50c.**

**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.**

**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 exquisitely striped. **Pkt., 15c.**

#### OUR "GIANT SIX" PANSY COLLECTION

This collection contains one packet (100 seeds) each of the following elegant varieties, selected from our Giant-Flowering Pansies—**Giant Red, Giant White, Giant Blue, Giant Purple, Giant Yellow and Giant Black.** 6 packets in all for 25c.

We are very proud of this strain of pansies. An unequaled collection of all the finest types. The best, handsomest, and most perfect giant-flowering varieties. **Pkt., 25c.; 3 pkts., 60c.; 1/2-oz., \$1.25.**

#### 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 the great size and rich and varied colorings of its flowers. Very popular. **Pkt., 10c.; 3 pkts. for 25c.; 1/2 oz., 40c.; oz., \$2.50.**

#### GIANT TRIMARDEAU PANSIES

**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; splendid for bouquets, as the stems are long. Mixture of finest colors. **Pkt., 10c.; 3 pkts. for 25c.**

#### GIANT TRIMARDEAU SEPARATE COLORS

**Giant Atropurpurea (Rex.)**—Velvety, royal purple. . . . 10c.  
 " **Emperor William**—Indigo-blue, blotched, black. . . 10c.  
 " **Golden Queen**—Pure golden-yellow. Very fine. . . . 10c.  
 " **King of the Blacks**—Lustrous jet-black. . . . . 10c.  
 " **Lord Beaconsfield**—Lavender, heliotrope, purple. 10c.  
 " **Peacock (Gloriosa)**—Garnet, cream and blue. . . . 10c.  
 " **President Carnot**—White, large violet blotches. . . 10c.  
 " **Snow-Flake**—Spotless, snow-white. . . . . 10c.

#### 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.

<b>Azure Blue</b>	<b>Dark Red</b>	<b>Pure Yellow</b>
<b>Black</b>	<b>Light Blue</b>	<b>Violet, with White Margin</b>
<b>Bright Brown</b>	<b>Mahogany Colored</b>	<b>White, with Black Center</b>
<b>Brilliant Red</b>	<b>Pure White</b>	<b>Yellow, with Black Center</b>
<b>Dark Purple</b>	<b>Purplish Violet</b>	

Collection one each of the above 15 Bedding Pansies, 50c.

**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.**

#### BEDDING PANSIES MIXED

We have taken much pains in composing this mixture, and it will make a rich display. Not only does it contain all the fine Bedding Pansies named above, but also a great many other choice varieties. **Pkt., 5c.; 1/2 oz., 20c.; 1/2 oz., 30c.; oz., \$1.00.**





## Livingston's Annual Phloxes

For splendid mass of color and a constant display, the Phlox Drummondii is not excelled by any other Annual. (See illustration and painting from nature on page 83.) 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. All colors. 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.

**Bright Rose**—A most pleasing color; profuse bloomer. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

**Brilliant Scarlet**—Especially showy in large beds or borders. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

**Crimson**—A popular sort; very brilliant and effective. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

**Deep Blood Red**—Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

**Pure White**—Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

**Yellow**—Distinct. Pkt., 5c.;  $\frac{1}{2}$  oz., 30c.; oz., \$1.00.

**Livingston's Prize Mixture of Large-Flowering Annual Phloxes.** (See picture in natural colors on page 83.) A magnificent mixture of all the richest colors and shades in the large-flowering varieties. Large pkt., 10c.;  $\frac{1}{2}$  oz., 25c.;  $\frac{1}{4}$  oz., 40c.; oz., 75c.

**STAR-SHAPED PHLOXES**—Long, pointed petals, which give the flowers a star-like appearance; the plants grow compact and dwarf. Our mixture contains a great variety of the most showy colors. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.

**Dwarf Phloxes** This class is of dwarf habit, growing about six inches in height, and is very compactly bushy. Fine for pots, and especially desirable for ribbon lines and massing in the garden.

**Snowball**—In full bloom resembles a snowball. Pkt., 10c.

**Fireball**—Strikingly brilliant red; very fine. Pkt., 10c.

**Dwarf Mixed Phloxes**—An elegant mixture of all the best varieties. Pkt., 10c.;  $\frac{1}{2}$  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.

**Double Dark Red**—Brilliant; best double sort. Pkt., 10c.

**Double Pure White**—Profuse bloomer. Pkt., 10c.

**Double Yellow**—A very effective variety. Pkt., 10c.

**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 the hard frosts. As a house plant 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 $\frac{1}{2}$  feet.

### Large Flowering Petunias

The blooms are enormous in size and of the richest colors and markings. In every good quality the varieties listed below are unsurpassed.

**Livingston's Superb Single Mixed**—Our best mixture of single flowering Petunias; a strain of incomparable beauty and luxuriance. Flowers most varied in colors and markings; beautifully ruffled, fringed and of enormous size. (See illustration.) Pkt., 15c.; 2 pkts. for 25c.

**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.

**Ruffled Giants**—The flowers of this strain are of extraordinary size and great substance; the edges of the blooms have a deep fluting, giving the appearance of being artificially ruffled. Contains the greatest variety of rare colors and combinations. Pkt., 25c.; 3 pkts., 60c.

**Livingston's Superb Double Mixed**—Our best mixture of all the large-flowering double varieties, including striped, blotched and fringed sorts. Pkt., 25c.; 3 pkts., 60c.

### Bedding Petunias

**Howard's Star-Shaped**—Entirely distinct. The five-petaled blooms have star-shaped markings of bluish-pink or white over the maroon ground; very fine. Pkt., 5c.

**General Dodds**—A very fine blood-red variety; grows compactly; very free-flowering. Splendid for beds and borders. Pkt., 5c.

**Snowball**—A charming, compact growing variety; grows about eight inches high and yields in greatest profusion all the season its pure satiny-white flowers. Pkt., 10c.

**Striped and Blotched**—A most beautiful strain of Petunias for bedding and massing. Our mixture contains an endless variety of colors. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.;  $\frac{1}{4}$  oz., 35c.

**Finest Mixed Bedding Petunias**—A very rich mixture; composed of a great variety of brilliant and showy colors. Pkt., 10c.;  $\frac{1}{2}$  oz., 35c.;  $\frac{1}{4}$  oz., 60c.

**Fine Mixed**—A choice mixture of colors and shades; will make a fine display in your garden. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.;  $\frac{1}{4}$  oz., 35c.



# 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

**Paeony Flowered**—Large, showy double globular flowers; almost equal to Paeonies. Our mixture contains the finest colors. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.**

**White Swan**—Pure snow-white, double and large size. Beautifully fringed. **Pkt., 5c.**

**American Flag**—A very beautiful variety. Flowers are extra large and double. Snow-white, bordered with scarlet. **Pkt., 5c.**

**Fairy Blush**—Immense flowers, perfectly double, 5 inches across; elegantly fringed; pure white, rose-tipped petals. **Pkt., 5c.**

**Carnation-Flowered**—Splendid large double flowers; very showy and beautifully fringed. Our mixture is unequalled for dazzling richness and great variety of colors. **Pkt., 5c.; ½ oz., 15c.; oz., 25c.**

**"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.) In dazzling mixture. **Pkt., 5c.; oz., 35c.**

## Single Annual Poppies

**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, with 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). The exquisite colors

range from the purest white to the deepest of blood-red, through all the shades and combinations of pink, rose, crimson and carmine. No two flowers alike. **Pkt., 5c.; ½ oz., 20c.; oz., 60c.**

**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.**

**Mephisto**—An elegant single sort; scarlet and black. **Pkt., 5c.**

**Danebrog (Danish Cross)**—A very showy single variety; brilliant scarlet, blotched with silvery gray. **Pkt., 5c.**

**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.**

**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.**

**Livingston's 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.

**Iceland Poppies (Papaver nudicaule)**—These Poppies are perfectly hardy and in bloom from June until frost; beautifully crushed, satiny-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.**

**Double Mixed Iceland Poppies**—This splendid mixture of double-flowering varieties you will find very superior; the best sorts only are included in this assortment. **Pkt., 10c.; 3 pkts., 25c.**

## Oriente (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.; ½ oz., 20c.; ¼ oz., 35c.**

**Oriental Hybrids**—Splendid hybrids of the 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.; ½ oz., 25c.; ¼ oz., 45c.**

**Tribby**—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., 15c.**

**PERENNIAL POPPY PLANTS**—See page 111.



GIANT DOUBLE POPPIES



GIANT SHIRLEY POPPIES



Ricinus. Packet, 5c.

### 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*.)

**Single Hybrids**—A choice mixture; single-flowering. Pkt., 10c.

**Double Hybrids**—This mixture contains the very largest flowering and choicest double varieties. Pkt., 15c.

**Golden Feather (Aureum)**—Dwarf-growing variety, with bright yellow foliage; largely used for edgings and ribbon work. Usually treated as an Annual.  $\frac{3}{4}$  ft. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.

**PUERARIA THUNBERGIANA**—See Kudzu Vine, p. 76.

### 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, Dahlias and other tall-growing plants.

**Zanzibariensis**—A new and distinct class, surpassing in size and beauty all varieties hitherto known. Plants attain great dimensions—12 to 14 feet in height—presenting a splendid aspect with their gigantic leaves. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.

**Borbonienseis**—Very large, and most showy green foliage; a standard variety. 10 to 15 feet Pkt., 5c.; oz., 10c.

**Cambodgensis**—Main stem and leaf-stalks shining ebony-black; leaves large and brilliantly colored. Foliage assumes various shades. 5 feet. Pkt., 5c.; oz., 15c.

**Gibsoni**—A compact-growing variety of branching habit. The large leaves are a rich deep red. 5 feet. Pkt., 5c.; oz., 10c.

**Philippinenseis**—A variety from the Philippines, with beautiful and gigantic leaves. 10 feet. Pkt., 5c.; oz., 10c.

**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. Our assortment contains some of all above fine sorts and many others. Pkt., 5c.; oz., 10c.;  $\frac{1}{2}$  lb., 25c.

### Roses

#### Bloom the First Year From Seed

**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. Grow about 1 foot high and commence blooming in about three months after the seed is sown and continue the entire season. Seed should be soaked in warm water a day or two before planting. They are perfectly hardy, blooming year after year in profusion from May until frost. Pkt. (50 seeds), 10c.; 3 pkts., 25c.

**New Large-Flowering Hybrid Perpetual Roses**—Seeds saved from a selection of the largest-flowering sweet-scented and hardiest varieties, which resist the severest frosts and germinate easily. The seedlings bloom a little the first year, better the second and are in full flower the third year, when they show a rich variety of all the finest colors except yellow. Pkt., 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. Pkt., 5c.

### 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 six inches in height.

**Large-Flowered Single Mixed**—A most elegant mixture; flowers large and of every shade of color. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.; oz., 60c.

**Rose-Flowered Portulacas**—From this assortment more than one-half of the plants will produce magnificent double flowers; these plants can be transplanted eight inches apart as soon as they bloom, thus making an entire bed of double bloom. Our mixture contains all best double varieties. Pkt., 10c.;  $\frac{1}{2}$  oz., 75c.

### Phaseolus Multiflorus (Papilio)

**New Butterfly Runner 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. The vine is also extremely floriferous, its leaves of light green almost disappearing beneath the clusters of charming flowers which gracefully rise and fall, like butterflies, in the passing breeze. Pkt., 10c.; 3 pkts. for 25c.

### Platycodon Grandiflora (Chinese Bell Flower)

A splendid hardy perennial, producing large bell-shaped white and blue flowers, very showy; easily raised from seed. Pkt., 5c.;  $\frac{1}{2}$  oz., 25c.

### 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 when the second leaf appears, and keep re-potting the plants as they grow and increase in size. Height,  $\frac{1}{2}$  to 1 foot.

**Chinese Primrose—Superb Single Mixed**—An elegant mixture, embracing all the best large-flowering varieties, and including the finest fringed sorts. Pkt., 25c.

**Chinese Primrose—Superb Double Mixed**—A splendid strain of the finest large-flowering, fringed varieties. Our mixture includes all the most brilliant colors. Pkt., 25c.

**Chinese Primrose—Choice Mixed**—This is a very choice mixture, and for general purposes will be found most satisfactory. Pkt., 15c.

**Obconica Grandiflora—Large-Flowering Hybrids**—A lovely and profuse blooming Primrose bearing on long stems large heads of beautiful flowers (see illustration); white, tinged lilac and rose shades; an ever-blooming variety with true Primrose fragrance. Pkt., 10c.

**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.



Primula Obconica.



## 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.

**Splendens Grandiflora (Scarlet Sage)**—Gorgeous plants, with 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.; ½ oz., 25c.**

**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.; ½ oz., 50c.**

**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 large, bright red; plants of neat, compact habit. Comes quite true from seed. **Pkt., 10c.**

**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. Grows very easily from the seed. **Pkt., 10c.**

**Goldspot**—Leaves bright green, blotched with golden yellow; erect growth, 20 inches high; scarlet flowers are large and lavishly borne. **Pkt., 10c.**

**Coccinea Lactea**—A fine, pure white flowering variety. **Pkt., 5c.**

**Fatens**—Beautiful bright blue flowers. **Pkt., 10c.**

**SPECIAL OFFER**—One packet each of "Red, White and Blue" Salvias for 20c.

**SALVIA PLANTS**—See page 103.

## 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 stems, 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.

### 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.

**Selected Seed**—Much superior to the original strain. **Pkt., 10c.**

**Shasta Daisy Plants**—See page 111.

### Stokesia Cyanea

(Cornflower Aster) 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.**

**Stokesia Cyanea Plants**—See p. 111.

## Smilax

Charming tender perennial climber for house or greenhouse. **Pkt., 5c.**

### SCARLET RUNNER BEAN

Ornamental climber. Bright scarlet sprays of bloom, followed by edible beans. **Pkt., 5c.; ½ pint, 15c.**

### Stocks (Gillflower)

Indispensable for bedding, borders, massing or pot culture.

**Large-Flowering Double "Cut and Come Again" Varieties.**

**Brilliant Rose**—A beautiful and brilliant color. **Pkt., 10c.**

**Canary Yellow**—This shade in Stocks is one of the best. **Pkt., 10c.**

**Snow White**—**Pkt., 10c.**

**Finest Mixed**—This is our very best mixture of large-flowering Stocks. The perfectly double flowers embrace every color and shade. **Pkt., 10c.**

**Giant Perfection Stocks**—Long spikes of double flowers. **Pkt., 10c.**

**Fine Mixed Stocks**—Choice mixture various colors and shades. **Pkt., 5c.**

**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.**

**Azure Fairy**—Exquisite sky-blue. **Pkt., 10c.**

**Fiery Red**—Very striking; double; deep fiery scarlet. **Pkt., 5c.**

**Black Prince**—Very large; double; almost black. **Pkt., 5c.**

**Snowball**—Double white flowers; fine for bouquets. **Pkt., 5c.**

**Golden Yellow**—A very fine color. **Pkt., 5c.**

**Pompadour**—Claret-purple, edged white. **Pkt., 10c.**

**Flesh**—**Pkt., 5c.**

**Rose**—**Pkt., 5c.**

**Lilac**—**Pkt., 5c.**

**Cherry Red and White**—**Pkt., 5c.**

**White and Lilac**—**Pkt., 5c.**

Collection Scabiosa, above 11 separate colors, 50c.

### HARDY SCABIOSA

**Caucasica**—Grand hardy perennial, 3 feet high; large lilac-blue flowers; splendid for cut flowers. **Pkt., 10c.**

## Sunflower (Helianthus)

A well-known family of hardy annual, very showy plants, remarkable for their stately growth and the brilliancy and size of their flowers.

**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.**

**Globe of Gold**—Globe-shaped, extra double, large, fine, yellow flowers. 4 feet. **Pkt., 5c.**

**Mammoth Russian**—Very large single flowers. The seed is also grown largely for feeding to birds, fowls and poultry. Grows 7 feet high. **Pkt., 5c.; oz., 10c.**

**Livingston's Mixed Sunflowers**—A great variety of single and double varieties. Every possible shade of yellow is included. **Pkt., 5c.; ½ oz., 10c.; oz., 15c.**



**LARGE FLOWERING SCABIOSA**

# LIVINGSTON'S ORCHID FLOWERING COLLECTION NEW GIANT SWEET PEAS

7 Superb Sorts, 25 Cents, Postpaid

During the past few years an evolution has been going on in the Sweet Pea world, which has resulted in the creation of a glorious new giant-flowering class, a type so distinct in form, size and beauty that it has been fittingly styled Orchid-Flowered. The original Orchid-Flowered Sweet Pea was originated by the head gardener of an English nobleman, Earl Spencer, and was named in honor of the Earl's wife, Countess Spencer. The new sweet pea created a sensation wherever exhibited, and so great was the improvement over every other existing sort that sweet pea experts at once went to work to add by hybridizing new varieties to this valuable type.

These new Sweet Peas are distinguished for their gigantic size, usually measuring 2 inches across; the bold, erect standards are uniformly waved, crimped and fluted in exquisite fashion; the charming blendings of harmonious colors; the exceedingly long flower stems, which make them unexcelled for cutting; the great profusion of flowers and the large number of flowers on the stem, usually 3 to 4. The following seven sorts comprise Livingston's Orchid-Flowered Collection of New Giant Sweet Peas:

**COUNTESS SPENCER**—The original Orchid-Flowered Sweet Pea. Considered by experts the most beautiful Sweet Pea ever raised. Of perfect form, gigantic size and exquisite coloring. It is a distinct innovation in Sweet Peas; a healthy, vigorous grower, producing abundantly long, strong-stemmed flowers of truly wonderful size and beauty. 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.; ½ lb., 50c.**

**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., 20c.; ½ lb., 50c.**

**DOROTHY ECKFORD**—A grand new white flower. The stems are extra long and stiff and usually carry three flowers of gigantic size, grand substance and magnificent open form. **Pkt., 5c.; oz., 10c.**

**QUEEN ALEXANDRA**—An intense scarlet sort of grand texture, a bold expanded flower of finest form. It is very free flowering. Flowers of giant size, with long, strong stems. The flowers do not burn in the sun, but are brilliantly vivid from the time they open. **Pkt., 10c.; oz., 20c.; ½ lb., 40c.**

**HELEN FLEECE**—A new Sweet Pea described as Gloxinia-Flowered, and impresses one with its remarkable resemblance to a blue-mottled Gloxinia. 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. **Pkt., 10c.; oz., 15c.**

**BOMOLO PIAZZANI**—A grand new blue Sweet Pea. The color is almost a true violet-blue self; the standard is only slightly hooded; flowers of grand size and substance. A very vigorous grower and free bloomer. One of Henry Eckford's best introductions. **Pkt., 10c.**

**HON. MRS. E. KENYON**—The most desirable of all primrose Sweet Peas, being a deeper and richer color than any other of that shade. Grand, large flowers, splendid form. **Pkt., 5c.; oz., 10c.**

**Price** Livingston's Orchid-Flowered Collection of Giant Sweet Peas, as described above, 7 large packets, 25c.; 5 collections, \$1.00.

With each collection we send careful cultural directions telling **How to Grow Perfect Sweet Peas.**

## Livingston's "Special Mixture" of Sweet Peas

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.

**PRICE**—Large pkt., 10c.; oz., 15c.; ½ lb., 35c.; lb., \$1.00, postpaid.

## Livingston's Gilt Edge Mixture of Sweet Peas

This is a very superior mixture, made up of over 50 of the finest named varieties; all bright colors. **Pkt., 5c.; oz., 10c.; ½ lb., 25c.; lb., 75c., postpaid.**

## Livingston's Fancy Flaked and Striped Sweet Peas

The flaked and striped varieties, when planted together in proper mixture, produce dainty and striking effects. **Pkt., 10c.; oz., 15c.; ½ lb., \$1.00.**

**Fine Mixed** This mixture, for the price, will be found very satisfactory. It contains a great variety of choice colors and shades. **Pkt., 5c.; oz., 10c.; ½ lb., 15c.; lb., 45c. By express, not prepaid—Lb., 35c.; 3 lbs., \$1.**



Dorothy Eckford Orchid-Flowered Sweet Peas



Queen  
Alexandra

# Livingston's Superb New Sweet Peas

## Five Gigantic New Sweet Peas of "Countess Spencer" Type

The grandest and largest of all Sweet Peas. Years of patient labor have been necessary to develop these gorgeous new Sweet Peas. They are all of the true Spencer type. Gigantic in size, exquisitely waved or fluted, long-stemmed, robust and fragrant. There is no question about the vast superiority of this type of Sweet Peas over the old grandiflora type. They are very shy seeders and will always be high priced. Our stock of seed of these new sorts is quite limited this year.

**White Spencer** (See illustration, page 91)—This grand Sweet Pea caused considerable comment when it was first offered. It is without doubt the largest and most magnificent white Sweet Pea ever introduced. The vines are most vigorous in growth, reaching a height of 10 to 12 feet, and are almost completely covered with mammoth flowers. The standard often measures 2 inches across and is distinctly waved and fluted. The flowers are borne 3 to 4 on a stem and are of splendid substance. Magnificent for cutting, as the extra strong stems are from 12 to 15 inches long. It is without a rival among White Sweet Peas. **Per pkt., 10c.; ½ oz., 15c.; oz., 25c.**

**Paradise** (See illustration)—An improved Countess Spencer. It has been pronounced "the very finest and most pleasing light pink Sweet Pea." Even in ordinary cultivation a very large proportion of the long strong stiff stems produce four flowers each and all the flowers of extremely large size; they are finely expanded and beautifully waved. It is self-colored, both the standard and wings being richly and evenly suffused with the most delicate soft pink. **Pkt., 10c.; ½ oz., 15c.; oz., 25c.**

**George Herbert**—An extremely gorgeous variety. The rich grand appearance and large size, wavy form of this beautiful new Spencer must be seen to be appreciated. The flowers are generally borne four on a stem, of the largest size, and both standard and wings beautifully fluted. They are of a bright rosy carmine and particularly fine when seen by artificial light. The very finest rose-colored Spencer. **Pkt., 10c.; oz., 20c.**

**Princess Alice Spencer**—A lovely shade of lavender, possessing every characteristic of the true Spencer. Extra large, wavy flowers, three to four 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.**

**Mrs. Joe Chamberlain**—A decided acquisition to the Spencer type. Fine bold flowers of largest size, beautifully waved, 3 to 4 flowers on a stem, heavily flaked and splashed with bright rose on a white ground. Striking variety. **Pkt., 10c.; ½ oz., 35c.; oz., 60c.**



Paradise Sweet Peas.

**"Spencer" Collection** The 5 New Sweet Peas described above, including a large 50c packet of Mrs. Routzahn Spencer, sent postpaid, for.....

## Other Grand New Sweet Peas

**Mrs. Collier**—A splendid new Sweet Pea. In form and substance resembling Dorothy Eckford, the flowers being 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.** It certainly surpasses all others in substance and can be described as a primrose Dorothy Eckford. **Pkt., 10c.; oz., 25c.**

**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, finer and of more open form. **Pkt., 10c.; oz., 20c.; ¼ lb., 60c.**

**Horace J. Wright**—An immense bold flower of exceedingly dark rich coloring. **Deep royal purple** will best describe the rich velvety colors of this grand variety. The standard when opening, is dark bronzy claret color, stiffly erect, very

broad and slightly folded in center. The wings are deep rich violet-purple. The face of the standard, when fully opened, changes to violet-purple. Stems from 18 to 20 inches long. **Pkt., 10c.; oz., 25c.**

**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; have large, open standard of fine substance. **Pkt., 10c.; oz., 20c.**

## Three New Waved Sweet Peas of the "Unwin Type"

**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. It received a Reward of Merit from the National Sweet Pea Society, England, 1907. **Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.**

**Phyllis Unwin** (See illustration)—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 and four flowers each. Of a beautiful rose color throughout. Comes perfectly true from seed. **Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.**

**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 pale rose-pink. About 75 per cent. of the long stems have four blooms; perfectly fixed and true in character. For market growers it cannot be surpassed, being just the lovely pink color which is so much in demand; a grand color. Flowers of large size; and it is also a good grower. **Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.**

**"UNWIN" COLLECTION**—One pkt. of each of above three Sweet Peas, 20c.

## Be Sure to Plant Livingston's Wild Flower Garden Mixture

In the children's garden, where the little ones can have it all their own way and pick big bunches of pretty flowers.

From the Wild Garden you may get your bouquets, whenever you choose, and thereby save those in beds and borders. Especially adapted for producing a display on large borders, or sowing along woodland walks, railroad embankments, for hiding an unsightly fence, stump, etc., and will convert any dreary spot into a wilderness of bloom and fragrance. Nothing in the way of flowers delights children more than this **WILD GARDEN**. Sow in drills two feet apart, or even broadcast. Cover lightly and keep the soil from drying out until started. **Keep the weeds out and the plants will do the rest.** **LIVINGSTON'S WILD FLOWER GARDEN**—Our extra choice mixture. Large packet, 10c.; ½ oz., 15c.; oz., 25c. Ask for Special Price by the Pound.



Phyllis Unwin.

Livingston's "ORCHID FLOWERED" Collection of New Giant Sweet Peas, see Page 89

# Livingston's (Cream of the Named) 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 preceding page.

**PRICES OF ALL SWEET PEAS ON THIS PAGE, SEE BELOW**

## WHITE

**New White Wonder**—Flowers pure white, of giant size, and borne in greatest abundance, usually 6 to 8, on a long stout stem. A unique Sweet Pea novelty.

**Emily Henderson**—Large, pure white, profuse, early and continuous flowering.

**Mount Blanc**—An extra early Emily Henderson; fine for forcing. Of dwarf growth.

**Blanche Burpee**—Large; pure white; fine form, grand flower.

**Sadie Burpee**—An enormous-flowering white; bluish tinge at first.

## CREAMY YELLOW

**Earliest Sunbeams**—Rich primrose; good size and very early.

**Stella Morse**—Has a faint tinge of pink underlying the cream, producing a true apricot shade; beautiful for bunching.

## BLUSH AND LIGHT PINK

**Dainty**—Crystal-white, with pink flush, deepening to a pink edge.

**Lovely**—Soft shell-pink; an exquisite shade; large size.

**Jennie Gordon**—Standard bright rose, shaded cream; wings creamy, suffused rose.

**Crown Jewel**—Rose pink, wings rosy cream, large fine flower.

## PINK AND WHITE

**Earliest of All**—The earliest strain of Blanche Ferry.

**Blanche Ferry**—The popular pink and white; always reliable.

**Blanche Ferry, Extra Early**—Same color as above, but earlier.

## ROSE AND PINK

**Prima Donna**—Lovely soft pink; hooded form; vigorous grower.

**Royal Rose**—Deep carmine rose, wings rose-pink, very fine.

**Lord Roseberry**—The large hooded flowers, borne on long stems, are of a rose-carmine, showing veins of deeper rose. Magnificent.

**Agnes Johnston**—A bright rose-pink standard, shaded cream; wings cream, slightly flushed with the same bright rose-pink.

**Prince of Wales**—Very elegant rich carmine rose; a grand flower.

## BLUE AND WHITE

**Maid of Honor**—Lavender and white, edged blue; very dainty.

## MAROON AND CLARET

**Black Knight**—Very rich dark maroon, veined black; the darkest of all.

**Shahzada**—Intensely dark maroon, with a tint of purple in standard and inner portion of wings.

## RED AND SCARLET

**Scarlet Gem**—Bright geranium scarlet; very vivid.

**King Edward VII**—The largest and best bright crimson-scarlet.

**Prince Edward of York**—Standard scarlet, wings crimson.

**Salopian**—Rich deep crimson-red; enormous flower; elegant sort.

**George Gordon**—Rich garnet-red.

## STRIPED AND VARIEGATED

**America**—The brightest blood-red striped, on white ground; superb.

**Aurora**—Orange-salmon, flaked and striped white; large; elegant.

**Gray Friar**—Silvery white, flaked purple.

**Golden Rose**—A beautiful primrose-yellow, striped with rosy-pink.

**Jessie Cuthbertson**—A very large well-expanded flower. The ground color of both wings and standard is a creamy white, boldly striped and flaked with rich dark rose—more heavily in the wings than on the standard.

**Pink Friar**—White, flaked rose.

**Ramona**—Creamy white, splashed light pink.

**Senator**—Purplish maroon, heavily striped on a white ground. Darkest striped variety.



New White Spencer Sweet Pea—Described on page 90

## LAVENDER AND LIGHT BLUE

**Admiration**—A grand large flower of beautiful form, self colored in a delicate shade of rosy lavender.

**Lady Grisel Hamilton**—A beautiful silvery lavender.

**Flora Norton**—A 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.

**Mrs. Walter Wright**—This new giant flowering variety is a beautiful shade of mauve, clear and bright, with wings of a bright cerulean blue, shaded slightly with mauve.

## ORANGE AND SALMON

**Miss Wilmott**—Enormous bold, upright flowers on stout stems. Wings and standard are of richest orange-pink, delicately shaded rose.

**Henry Eckford, New**—The nearest approach to an orange-yellow in Sweet Peas; a beautiful color. Medium large and open form.

**Gorgeous**—Brilliant orange-salmon; wings rose, tinged orange.

**Hon. F. Bouverie**—Pinkish salmon in the standard; wings shade to a lighter salmon-buff.

## BLUE AND PURPLE

**David B. Williamson**—This new variety is brightly effective. The large standard is of a rich indigo-blue, while the wings are slightly lighter in shade.

**Countess of Cadogan**—A light bluish purple in standard and clear blue in wings. The color effect is that of a bright blue; very attractive.

**Navy Blue**—Dark, indigo-blue and violet; perhaps the best blue.

## PRICE, for any of the above Named Sweet Peas

**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 ft. long  
Any 4 1-oz. packages, 25c.

**25c** Per 1-4 Lb.—Enough for a 60-foot row.  
Any 5 1-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 46 varieties for \$1.50, by mail, postpaid.



Livingston's Giant Double Mixed Sweet Williams. Pkt., 10c.

## Sweet Peas—Continued

## CUPID OR DWARF SWEET PEAS

These little beauties grow only 5 to 6 inches high, and excite wonder wherever seen; are very fragrant; bear full-sized flowers of fine substance, two to three on each stem; are profuse bloomers; excellent for beds, borders and pot culture; flowers from early until late in the season.

**Cupid Sweet Peas**—Our mixture of these elegant dwarf-growing Sweet Peas includes all the desirable colors and shades. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1b., 75c.

## NEW BUSH SWEET PEAS—An Entirely Distinct Race

The plants grow erect, 15 to 18 inches high, and when in full flower branch so freely and compactly that the bushes are often the same diameter as height. Require no supports. Our splendid mixture contains all the best colors. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1b., 75c.

## Livingston's 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 1 1/2 feet.

**Hoborn 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. Pkt., 10c.

**Livingston's Giant Double Mixed**—An entirely new class. The plants are robust and bushy, producing an enormous number of splendid, large and perfectly double flowers. Every known combination in shades and colors is represented in Sweet Williams. Pkt., 10c.; 1/2 oz., 50c.

## DOUBLE-FLOWERING SWEET PEAS

Under favorable conditions they will produce a large percentage of double flowers. Usually the double and single flowers are borne about half-and-half. They are regular tall-growing Sweet Peas. Our mixture includes every desirable shade and color. Pkt., 5c.; oz., 10c.; 1 lb., 25c.; 1b., 75c.

## HARDY OR EVERLASTING SWEET PEAS (Lathyrus)

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. Pkt., 5c.; oz., 10c.

**Double Mixed**—This mixture you will find of very superior quality; containing all colors and shades. Pkt., 5c.; 1/2 oz., 20c.

**Single Mixed**—A very choice assortment of all the best single-flowering varieties. Pkt., 5c.; 1/2 oz., 15c.

**Double White**—Pkt., 5c.

**Double and Single Mixed**—This mixture is made by blending the double and single-flowering varieties. Pkt., 5c.; 1/2 oz., 15c.; oz., 50c.

Sweet William Plants—See page 111.

## Livingston's Mammoth Verbenas



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 1 1/2 feet.

**Mammoth Defiance**—Bright, rich scarlet; has small leaves. Pkt., 10c.

**Mammoth Blue Varieties**—Showy, distinctive; fine for edgings. Pkt., 10c.

**Mammoth Striped Varieties**—Beautiful; a rich collection. Pkt., 10c.

**Mammoth Pink Shades**—Many very brilliant shades of pink. Pkt., 10c.

**Mammoth Pure White**—Large trusses of pure white flowers. Pkt., 10c.

**Mammoth Cloth of Gold**—Golden yellow foliage; crimson flowers. Pkt., 10c.

Collection, one each of above 6 Mammoth Verbenas, 45c.

**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.; 1/2 oz., 25c.; 1/2 oz., 40c.; oz., \$1.00.

**Fine Mixed**—A very satisfactory assortment, containing many fine colors and shades. Pkt., 5c.; 1/2 oz., 15c.; 1/2 oz., 25c.; oz., 75c.

**Dwarf Verbena**—Of erect, dwarf, compact habit, forming a neat bush about 6 inches high. Especially suited for bedding and edgings. Our mixture contains all the desirable colors. Pkt., 10c.

**Thunbergia**—Rapid-growing Annual Climber, with pretty bush, white and orange flowers of various shades, with a dark center or eye. Adapted for vases, hanging baskets, trailing over fences, trellises, etc. 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. Our mixture contains all varieties. Pkt., 10c.

**Valeriana (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. We offer a very choice mixture of bright rose, red and white varieties. 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. We offer a very fine mixture of all the choicest colors. Half-hardy perennials. 1 1/2 feet high. Pkt., 5c.





## 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 feet.

### 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. 2 feet.

Mammoth Crimson.....Pkt., 5c	Mammoth Flesh-Pink.....Pkt., 5c	Mammoth Pure White.....Pkt., 5c
Mammoth Dark Purple.....Pkt., 5c	Mammoth Lilac.....Pkt., 5c	Mammoth Rose-Pink.....Pkt., 5c
Mammoth Golden Yellow.....Pkt., 5c	Mammoth Scarlet.....Pkt., 5c	

Livingston's Mammoth Flowering Prize Mixture—A gorgeous mixture containing many new and rich hues. Pkt., 5c; 1 oz., 20c; 1/2 oz., 60c.

### 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.

Improved Dwarf Mixture—Pkt., 5c; 1 oz., 20c; 1/2 oz., 60c.

Haageana Fl. Pl. (Mexican Zinnia)—Splendid miniature-flowering double variety, growing 12 to 15 inches high; flowers double, bright orange. Pkt., 10c; 1 oz., 25c.

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:

White, Deep Carmine, Bright Rose, each, Pkt., 10c.

Collection—A packet each of the 3 Double Fringed Zinnias, for 25c.

Striped, or Zebra (See illustration above)—A very pretty strain with striped flowers. Colors vary on each plant; presents a beautiful and curious appearance. Pkt., 5c.

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.

Tom Thumb, or Double Miniature—Charming, perfectly double, small flowering class; 10 inches high; bloom profusely. Fine for borders. Mixed colors. Pkt., 5c.

### Wild Flower Garden, or Children's Garden

Especially adapted for producing a display on 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. Our extra choice mixture. Large pkt., 10c; 1/2 oz., 15c; 1 oz., 25c. Ask for Special Price by the Pound.

### 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 Imperials; Candytuft Mixed Colors; Cosmos, Mammoth Perfection Mixed; Dianthus Pinks; Marigolds, French, Missionette, 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.

### 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., post-paid:

Sweet Alyssum; Asters, Paecyony-Flowered Perfection; Candytuft, Mixed Annual Sorts; Nasturtiums, Tall Climbing; Pansies, Large-Flowering; Phlox Drummondii; Sweet Peas, Gilt Edge Mixture; Zinnias, Prize Mixture.

Double Pompon—These Zinnias grow 2 feet high and are sturdy and bushy. They are also sometimes called "Lollipop," on account of their beautiful little flowers, which are very double and cone-shaped. All colors 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.

Sweet-Scented—The old-fashioned Blue Violet. Pkt., 10c. The Czar—Largest flowering, deep blue. Pkt., 10c. 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 1 1/2 feet.

Large-Flowering Single Mixed—Pkt., 5c. Large-Flowering Double Mixed—Pkt., 10c.

### Wild Cucumber (Echinocystis)

A rapid-growing annual climber. Has beautiful leaf and pretty, fragrant white flowers. Pkt., 5c; 1/2 oz., 10c; 1 oz., 15c.

### Xeranthemum (Everlasting Flowers)

Very desirable. Easy to grow. Leaves covered with silvery down. Hardy annual. 2 feet. We offer a very fine mixture of colors. Pkt., 5c.

Mammoth-Flowering Zinnias.



# Livingston's 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. Many of the varieties listed are perfectly hardy and live in the open ground, increasing in value and beauty from year to year. Other varieties, such as Gladiolus, Dahlias, etc., should be taken up in the Fall, kept in the cellar during the Winter ready for planting the following Spring.

## Gladiolus

We make a specialty of Gladiolus and grow them in immense quantities at our True Blue Nursery. After careful test we have selected from the hundreds of named varieties the sorts offered on this page. They are the "Best of all." Our various mixture of Gladiolus will be found unsurpassed. We call special attention to the very low price at which we offer our new **Brilliant Beauties**. Cannot be excelled for planting in large quantities.

### Livingston's Superb True Blue Mixed Gladiolus

This superb mixture is the very finest it is possible to make; it is composed exclusively of extra high grade named varieties, including many new and rare kinds. It embraces the greatest possible range of color; every hue and tint is represented; many are variegated and oddly marked in contrasting colors. This mixture is our special pride and contains the best large-flowering sorts. For 1910 we have added a number of beautiful new hybrids which will insure to purchasers many delightful surprises. **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, 7c.; doz., 75c., postpaid. By Express, 100, \$5.00.**



Glimpse in Our Gladioli Fields.

### Livingston's "Brilliant Beauties," a Superior Mixture of Gorgeous Gladiolus

At our True Blue Nursery we grow hundreds of Gladiolus yearly and test all the new sorts offered in this country and Europe, and there are necessarily a vast number of grand sorts which we cannot offer separately. We have therefore made up this blend of "Brilliant Beauties." It is a splendid well-balanced mixture containing a marvelous variety of bright colors, many charmingly blended, striped and blotched. For brilliancy these Gladiolus cannot be surpassed. Those who wish an ample supply to cut for bouquets should plant liberally of these "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 \$3.00.**

### Livingston's "Best of All" Named Gladiolus

The following is a carefully selected list of the very finest named Gladiolus:

- Big Medicine**—Bright rose, large flower.
- Boussert**—Darkest, richest of all reds.
- Brenchleyensis**—Intense vermilion-scarlet.
- C. L. Allen**—Bright yellow; brown throat.
- Citrusus**—Fine yellow; some purple.
- Eugene Lequin**—Yellow; rose throat.
- Fleur DeLyss**—Salmon; magenta throat.
- Fred Douglas**—Dark carmine; large.
- Fire King**—Flaming scarlet, brilliant.
- Henry Gilman**—Deep salmon-scarlet, pure white bands.
- King Humbert**—Rosy pink, with white stripes.
- La Testoret**—Rich rose, lower petals plum color, large open flower.
- Marie Lemoine**—Cream, flushed lilac.
- Mad. Theresa Lambert**—Very light pink, purple blotches.
- Miss Dudley**—Light rose; extra fine.
- May**—White flaked, rosy crimson.
- Psyche**—Delicate pink; lemon blotch.
- Snow White**—Pure snow-white.
- "1900"**—Rich crimson, spotted white.

Price, above "Best of All" Named Gladiolus—5c. each; 50c. per doz., postpaid. **By Express, not prepaid, \$3.00 per 100.**

#### SPECIAL "BEST OF ALL" GLADIOLUS COLLECTION

One each of above 19 "Best of All" named varieties, 85c. postpaid.  
Two each of above 19 "Best of All" named varieties (38 in all), \$1.60, postpaid.

### Three Grand New Gladiolus

**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.)

**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.

**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.

Price, above 3 Grand New Gladiolus—Each, 15c.; doz., \$1.50, postpaid. **By Express (not prepaid)—Doz., \$1.40; 25 for \$2.50; 50 for \$4.50; 100 for \$8.50.**

### Gladiolus—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 25	\$2 00
Pink Shades, mixed.....	5c	40c	1 00	1 90
Red and Scarlet Shades, mixed.....	4c	35c	1 00	1 75
Yellow Shades, mixed.....	6c	50c	1 75	3 25
Striped and Variegated, mixed.....	4c	40c	1 50	2 50



Gladiolus America.

Mrs. O. E. White, Columbus, Muscogee Co., Ga., writes: "I received my plants all O. K., and many thanks for your kindness and extra plants."  
"You shall certainly have my future orders and also those of any friends that order flowers. I will use my influence to get you all the patrons I can."

## 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 grow all the kinds we offer at our True Blue Nursery, and 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 feet apart, according to size and habit of the plant, about four 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 aim to fill all orders for Dahlias with dormant roots and have harvested an enormous stock of all the varieties we offer, but in case the demand for certain sorts exhausts our supply of roots, we will send good, strong pot-grown plants, which give equally good results.



**Red Hussar Show Dahlia.**

### New and Rare Dahlias

**Red Hussar**—New large-flowering show variety; cardinal red.

**Britannia**—Deeply shaded salmon; flesh color; perfect in shape; free and early bloomer; stout, stiff stems.

**Eloise**—A charming variety; ground color bluish-pink, shading to white, each petal margined with the deep glowing crimson.

**Ingeborg Egeland**—Easily the first of its color in the Cactus class. A strong grower, with bright green foliage. The deep scarlet flowers are borne well above the foliage on strong, medium length stems. (See illustration below.)

**Kaiserin Augusta Victoria**—The finest early white to date; blooms 4 to 5 inches across; very prolific; long stems.

**Kaiser Wilhelm**—One of the grandest flowers in cultivation. Of immense and perfect form; deep yellow, shaded with cherry-red.

**Kriemhilde**—An exquisite delicate shell-pink, shading to white in the center. Undoubtedly the finest and most perfect pink Cactus Dahlia to date, and as cut flower likely to supersede all other pink sorts. **Each, 25c.**

**Mrs. Chas. Turner**—Finest of all yellows in the Cactus variety. Extra large, long pointed petals, perfect in form; bright lemon-yellow.

**Mrs. Lind**—One of the best new decorative Dahlias. Color, a beautiful creamy white, shading to bluish pink. Of perfect outline.

**Perle D'Or**—Grand new white decorative sort of large size, grand form, with long stems; a strong grower; very early and prolific.

**Pioneer**—The nearest approach to a black Dahlia of any yet introduced. For combined excellence it has no superior.

**Backete**—Extra free-flowering; of Cactus form, 4 inches across; beautiful, bright scarlet; long stems. Grand for cut flowers.

**PRICE**—Above (except as noted), each, 20c.; any 6 for \$1.00.

### Dahlias—Standard Varieties

**A. D. Livoni**—Most perfect in form. A delicate rose, soft and clear; very graceful; medium to large; early; a great bloomer.

**Austin Cannell**—Rosy crimson, slightly lighter shade at edges.

**Catherine Duer**—Of largest size, full to center; free bloomer; long stems; beautiful vivid scarlet; robust grower. **Each, 25c.**

**Countess of Lonsdale**—Profuse bloomer and one of the very best. Flowers very large and of a beautiful shade of salmon-pink, blending into amber. **Each, 20c.**

**Claribel**—Large, bright royal purple; long stems. Fine for cutting.

**Clifford W. Bruton**—Very large, perfectly full; color, a solid yellow, very clear and rich; long, graceful stems. Profuse bloomer.

**Grand Duke Alexis**—Large, massive flower, 6 inches in diameter; beautiful form; ivory white, with a faint shade of bluish-pink.

**Henry Patrick**—Superb pure white; large; on long stems.

**Kate Haslam**—Lovely soft pink; petals beautifully quilled.

**PRICE**—Above (except as noted), each, 15c.; any 6 for 75c.

### Splendid Single Dahlias

Suitable for cut flowers on account of beauty, grace and long stems.

**Twentieth Century**—A single Dahlia sensation. Entirely distinct; free-flowering; as a cut flower equal to the finest roses. Intense rosy crimson, tipped with white and having a white band around the disc, later fading to almost a pure white suffused with soft pink.

**Fres. Viger**—Beautiful and striking; rich, deep blood-red, shading darker at base of petals, with collar of pure white, but sometimes suffused with red. Very early; a free bloomer.

**PRICE**—Above, each, 15c. The 2 Single Dahlias for 25c.

**Mixed Dahlias** We have a fine lot of strong field-grown roots of varieties that have become mixed, containing many high-priced sorts, and just the thing to plant for show or cutting. **Each, 10c.; doz., \$1.00; 100, \$3.00.**

### Dahlias—Some Superb Varieties

**Mrs. Roosevelt**—A grand new Dahlia of large size and graceful form; splendid stems for cutting. Flowers perfectly double, 6 inches or more in diameter, while the color is a delicate, soft, clear pink. **Each, 25c.**

**Miss May Lomas**—Large flowers, of exquisite waxen finish; pure white, faintly suffused with soft, rosy lavender.

**Nymphaea**—As a cut flower unexcelled in Dahlias; large and graceful; clear, delicate pink, not unlike a water lily in form.

**Pink Dandy**—A pure shell-pink; flowers large and stems long. The flowers are of beautiful form, with full, high center.

**Snowclad**—The very finest white, small-flowered variety. A strong grower of branching habit; profuse bloomer, full to the center.

**Storm King**—Extremely early, profuse and constant bloomer; strong, vigorous grower of dwarf, branching habit, and produces its flowers on long stems. Flowers snow-white, perfect form, and as a cut flower ideal.

**Sylvia**—Valuable for cutting. Flowers from 4 to 6 inches in diameter, of fine form and full to the center; grow on long, stout and graceful stems; color white, shading to soft pink on the outer petals. **Each, 25c.**

**Uncertainty**—Varies from white, marbled blush and carmine to solid crimson-maroon on same plant, with intermediate variations.

**Wm. Agnew**—Richest shade of intense dazzling red and very large in size, sometimes 7 inches across; magnificent flower in color and form; always full to the center; long petals, outer row beautifully twisted.

**PRICE**—Above (except as noted), each, 15c.; any 6, 75c.



**Ingeborg Egeland Cactus Dahlia.**

**Special Offer:** 1 Bulb each of the darkest Show Dahlia, Red Hussar and the dark Cactus Dahlia, Ingeborg Egeland, for 30c.



Group of Caladiums, or Elephant Ears.

## Giant Begonias

**Tuberous-Rooted**—The extra large size and beautiful colors of the blooms recommend this flower to all. They are easily grown and cared for. For growing in pots or boxes in the house, plant in rich, sandy soil; give good drainage, water freely after the leaves start, but do not let the soil become sour or logged from over watering. They are very desirable for bedding out. Select a shady, moist situation, making the soil rich with thoroughly rotted manure and leaf mold, if obtainable. Plant as soon as danger from frost is over. After the plants start into vigorous growth keep well watered. If planted in a proper situation no plant will give more magnificent display all Summer. The single varieties are most satisfactory for general purposes.

**NEW FRILLED**—One of the finest strains in the tuberous section. Flowers single, large, frilled and wavy; very beautiful. Each, 20c.; doz., \$2.00.

**SINGLE VARIETIES**—Large, well-ripened tubers. White, Yellow, Pink and Crimson. Each, 10c.; 4 for 30c.; doz., 80c.

**SINGLE MIXED**—Many varieties. Each, 10c.; 4 for 25c.; doz., 75c.

**DOUBLE VARIETIES**—Finest mixture, all varieties. Each, 15c.; 4 for 50c.; doz., \$1.50.

**SPECIAL BEDDING BEGONIAS**—Just the thing for bedding out. All colors. Single and double. Mixed, each, 10c.; doz., \$1.00; 100 for \$7.00.

## 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. Decidedly the best yellow variety to date. It flowers all Summer outdoors in the flower garden. 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., \$1.00.

**GOLDEN-YELLOW CALLA (Elliottiana)**—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, waxy-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** This beautiful rapid climber is perfectly hardy, dying down every autumn, but growing again in the spring so rapidly as to cover a trellis or arbor very early in the season, attaining a height of from 15 to 25 feet. Brilliant glossy foliage and an abundance of fragrant flowers. Each, 5c.; 6 for 25c.; doz., 40c.

**Gloxinias** A charming class of summer-blooming plants, the rich and varied coloring of their large trumpet-shaped flowers being beautiful in the extreme, many of them exquisitely tinted and speckled with dots of violet, pink or carmine; flowers are upright and pendulous; colors crimson, violet, rose, scarlet, white and beautiful combinations.

Superb Mixed Colors, Fine Bulbs, each, 12c.; 3 for 30c.; 6 for 50c. Separate Colors, each, 15c.; 3 for 40c.; 6 for 75c.

## Amaryllis

Beautiful Lily-shaped flowers, fine for pots, and should be in every window. No bulb is easier to manage; pot them when received and they will soon begin to grow and bloom.

After the bulbs have made some growth, see that the plants have a liberal supply of water at all times.

**Johnsonii**—Bears 3 to 6 large, brilliant, rich, deep red flowers with broad white stripes in the center of each petal, blending finely; flowers 5 to 8 inches across; quite fragrant. Each, 35c.; 3 for \$1.00.

**Formosissima (Jacobean Lily)**—Of an intense crimson-velvet color, flowering early in pots of soil, or can be grown in a dish of water, with a few pebbles for support, and will bloom in a few weeks. Large bulbs, each, 15c.; 2 for 25c.

## Caladium (Elephant Ears)

This splendid foliage plant gives perfect satisfaction, and is worthy of general cultivation, filling a place which no other plant does, adding greatly to the lawn or garden by its immense tropical-like foliage. 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 dry, airy, shady place for several days, then pack in a shallow box in dry sand or soil, store in a dry cellar where it does not freeze.

### PRICES, by Mail, Postpaid

First Size Bulbs— $1\frac{1}{2}$  to  $2\frac{1}{2}$  in. in diam. . . . Each, 15c.; 5 for 70c.  
Second Size Bulbs— $2\frac{1}{2}$  to 3 in. in diam. . . . Each, 20c.; 5 for 85c.  
Third Size Bulbs—3 to 4 in. in diam. . . . Each, 30c.; 5 for \$1.40  
Extra Large Mammoth Bulbs—4 in. in diam. and over, . . . . . Each, 50c.; 5 for \$2.25

### By Express, not Prepaid

First Size Bulbs . . . . . 10 for 80c.; 100 for \$5.00  
Second Size Bulbs . . . . . 10 for \$1.25; 100 for \$7.50  
Third Size Bulbs—3 to 4 in. in diam. . . . . Each, 30c.; 5 for \$1.40  
Extra Large Mammoth Bulbs . . . . . 10 for \$3.75; 25 for \$8.50



White Callas.

## Lilies

The queenly beauty, spotless purity, exquisite form and delightful fragrance place the Lily far above all other bulbous plants. All the Lilies in this list make stately and magnificent pot plants. All are perfectly hardy. Their culture is simple. Plant bulbs in the spring as soon as frost is out of the ground—the earlier the better. 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. Set bulb on and surround it with pure sand from 3 to 5 inches (according to size) below the surface.

**AURATUM (Gold Banded)**—Beyond question the grandest of all the Lily family. Flowers pure white, thickly studded with crimson spots, while through the center of each petal runs a clear gold band; possesses a most delicious fragrance; very hardy; best outdoor Lily grown. First Size Bulbs, each, 15c.; 3 for 40c.; doz., \$1.50. Larger Bulbs, each, 25c.; doz., \$2.50.

**ALBUM (Speciosum)**—Pure white; very fragrant; free-flowering; hardy; First Size Bulbs, each, 15c.; 3 for 40c. Larger Bulbs, each, 25c.

**CANADENSE**—Bright yellow flowers, with black spots; very hardy. Each, 15c.

**ELEGANS ERECTUM**—Erect flower clusters; orange, spotted scarlet. Each, 15c.

**MELPOMENE**—Pure white, spotted crimson, petals very much recurved. Each, 15c.

**RUBRUM (Crimson Banded)**—White, heavily spotted with rich crimson. First Size Bulbs, each, 15c.; 3 for 40c. Larger Bulbs, each, 25c.

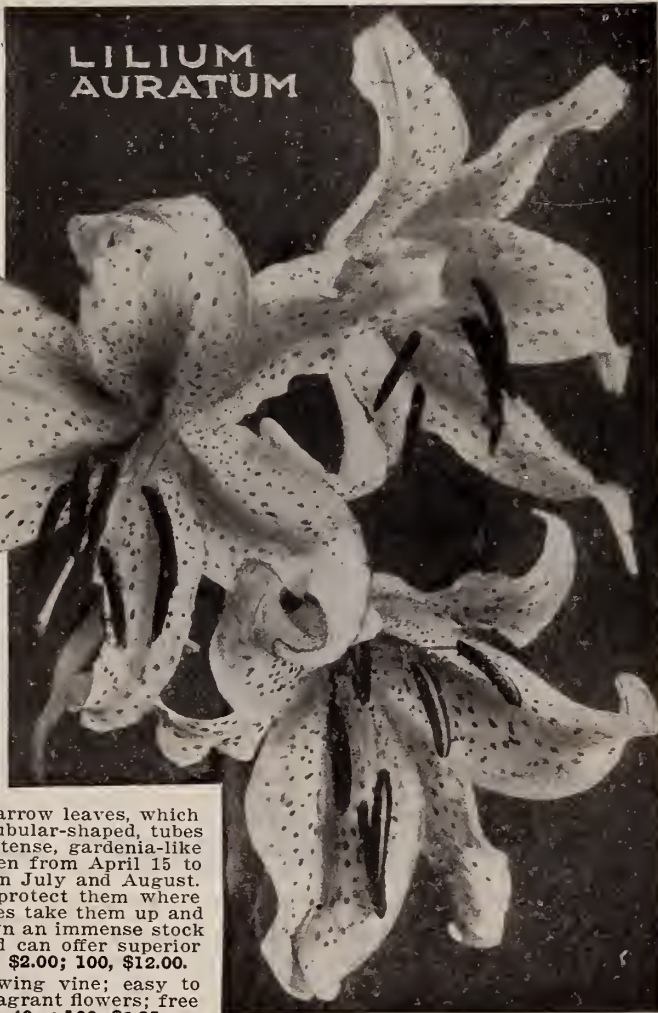
**TENUIFOLIUM**—Most charming of all hardy Lilies, perhaps. Fiery scarlet flowers. Each, 20c.

**TIGRINUM, Flore Pleno (Double Tiger Lily)**—Bright orange-scarlet, with dark spots; a strong growing showy variety; entirely hardy; succeeds well anywhere. Each, 10c.; doz., \$1.00.

### Philippine Lily (L. Philippense)

A new Lily that was discovered in our new island possessions. Though the bulbs are small, they produce from 2 to 3 flowers in less than eight weeks. The stems average 2 feet in height, are wiry and lined with long, narrow leaves, which gracefully droop. The flowers are of the purest white, tubular-shaped, tubes often measure 12 inches in length. The fragrance is intense, gardenia-like and the most distinct of any Lily. Planted in the garden from April 15 to May 1, and from that time to June 1, they will bloom in July and August. By October the bulbs will have ripened, when you can protect them where they are for the winter; or in very cold Northern latitudes take them up and store away for another season's planting. We have grown an immense stock of these new Lilies on our True Blue Trial Grounds and can offer superior home-grown bulbs. (See illustration.) Each, 20c.; doz., \$2.00; 100, \$12.00.

**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.



The New Philippine Lily.

## 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. They may, however, be started in February or March in the house or greenhouse, and by successive plantings may be had in bloom almost throughout the year.

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 TUBEROSE**—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.

**VARIEGATED 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.

### 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. **Pavonia**—Crimson, spotted yellow.

**Alba**—Pure white, center yellow and spotted crimson.

Price of each, 5c.; doz., 40c.

### Montbretias (Blazing Star)

A very desirable summer flowering plant. Hardy. Easily grown. Star-shaped flowers on spikes from 20 to 30 inches high. They bloom freely the first season and should be planted by the hundreds. Mixed varieties, Bulbs, each, 5c.; doz., 30c.; 25 for 55c.; 100 for \$2.00.

### Oxalis (Summer Flowering)

Valuable for edging walks, flower beds, etc. They form rounded rows of delicate foliage about 1 foot high; they produce flowers in endless succession. **Lasiandra**—Fine rose pink. **Dieppi**—White flowers.

Price—Each Sort—Dozen, 10c.; 25 for 15c.; 50 for 25c.; 100 for 40c.

## Ornamental Foliage and Flowering Plants

We call special attention to our Plant Department, which is under competent management and requires 60,000 feet of glass in greenhouses, besides a large acreage of land for hardy plants, shrubs, vines, etc., to supply our rapidly increasing trade in this line. The houses are located on our own farm and are strictly up to date, having all modern appliances for producing strong and vigorous stock. Our local trade in plants affords us an opportunity of learning exactly what is needed, and we pride ourselves in having most complete assortments of really valuable varieties.

At the prices here given we send by mail, postpaid, except where otherwise noted and unless specially ordered otherwise. When Bulbs, Roots or Plants are sent by Express, at purchaser's expense, we can usually send larger stock than if sent by Mail, and more safely packed. When Seeds and Bulbs or Plants are ordered together, the Seeds, Bulbs, etc., not injured by frost will be sent at once, and the tender ones as soon as possible without danger of injury from cold weather.

Customers will please give the dates at which they wish their plants sent; otherwise we forward all plants when danger from freezing is past. The bedding plants, such as Geraniums, etc., are usually sent when the proper time for setting them out arrives. As a general rule, plant orders are sent somewhat later than the seeds.

We send free to our customers on application a very instructive leaflet on the **CARE OF HOUSE PLANTS**.



*Asparagus Plumosus Nanus.*

**FREE** A VALUABLE PLANT Given with Plant Orders Amounting to \$1.00 or Over. With every order for plants or shrubs offered in this catalog from pages 98 to 119, inclusive, amounting to \$1.00 or more, we will send absolutely FREE your choice of any one of the three following desirable plants, either **Miss Lingard Phlox**, see page 111, or **Crimson Rambler Rose** (20c. size), see page 107, or **Improved Ostrich Plume Fern**, see page 101.

By taking advantage of this extremely liberal premium offer, you can make up your own collections—including only your favorite kinds—thus avoiding the disadvantage of buying ready-made collections which often include kinds you do not want. **REMEMBER**, this offer applies only to plants and shrubs from page 98 to 119 of this catalog. **Seeds, Bulbs or Collections of Plants cannot be included.** To receive these premiums you must ask for them on your order. Please remember this. We cannot send the premiums separately. They must go with your order.

### Asparagus (Ornamental)

**Asparagus Sprengeri**—Climbing indoor plants of rare beauty; handsomest when drooping from a pot or basket; sprays 4 to 5 feet long, of fresh green feathery foliage, useful for bouquets, wreaths or sprays; remains green for weeks after cutting; grows freely the year round; succeeds where most other plants fail. Each, 15c.; 4 for 50c. Larger Plants, each, 25c. and 50c.

**Asparagus Plumosus Nanus (Climbing Lace Fern)**—A very graceful climbing plant. Foliage equal to the most delicate fern, and will last for weeks after cutting. Succeeds under almost any condition. Each, 15c.; 4 for 50c. Larger Plants, each, 25c. and 50c.

**Mrs. C. M. Donnell, Mayville, Chautauqua Co., N. Y.**, writes: "The roses came in good condition. Please accept thanks for your promptness in filling order; also for the superior quality of plants."

**BEGONIA COLLECTION**—Six Lovely Flowering Begonias in six varieties. A choice collection of beautiful house plants. 50c.

### Agapanthus Umbellatus (Blue Lily of the Nile)

A splendid ornamental plant, bearing clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant for outdoor decoration, planted in large pots or tubs on the lawn, terrace or piazza. A rapid grower, increasing in size and beauty each year. Each, 15c.

**Agapanthus Albus**—A white-flowering variety. Each, 15c.

### Begonias (Varieties for Home Culture)

**Argentea Guttata**—A handsome foliage variety. Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

**Dewdrop**—Very pretty, having bloom of snowy whiteness.

**Metallica**—Thick panicles of pink buds and white flowers against large red-veined leaves of glistening bronze-green.

**Sandersoni**—Bushy growing variety with glossy, deep green leaves. Blooms in clusters of drooping, scarlet, heart-shaped flowers.

**Eubra**—Dark glossy green leaves. Free-flowering. For house or conservatory. Flowers a rich coral-red, in large pendant panicles.

**Manicata Aurea**—One of the finest ornamental foliage plants for the house; large glossy leaves, blotched with creamy white and with carmine etching on the more mature leaves.

Each, 15c.; 2 for 25c. The Set of 6 for 65c.

### Bedding Varieties

Select ever-blooming Begonias. Three fine new ones from Germany. Each one makes good plants for winter.

**GEACILIS (Our own introduction)**—Is at once the finest blooming Begonia, either indoors or out; good for beds, pots, boxes or baskets, and is always in bloom. Color a most beautiful bright rosy pink. Each, 20c.

**Graf Waldersee**—Of vigorous growth; flowers of cherry red, of large size and borne well above the foliage. Splendid as a cut flower. A new departure in Semperflorens type. Each, 20c.

**Luminosa**—There is no plant so cheerful for the window garden in winter. In color a brilliant dark red. Each, 20c.

One each of above 3 new Begonias, 50c., postpaid.

### BEGONIAS—REX VARIETIES With Beautiful Foliage

A collection of house plants without some Rex Begonias would certainly be incomplete. Every one admires their thick, leathery, brilliant leaves. Our assortment is superb. Each, 15c.; 6 varieties for 75c.

**TUBEROUS ROOTED BEGONIA BULBS**—See page 96.



*Begonia Rex.*

## Choice New Carnations

The Carnations we offer are strong young plants from pots. Planted out in the spring they begin to bloom in early July and continue in bloom all summer. If potted in the fall, they bloom profusely during the winter. Our collections contain the newest and finest, large-flowering, free-blooming kinds.

### IMPERIAL CARNATION SET

- Pink Imperial**—A superb shade of deep rosy pink.
  - Variogated Imperial**—Red and white striped and splashed; extra large flowers on long, stiff stems; very showy.
  - Dorothy Whitney**—Rich golden yellow, beautifully marked with faint pencilings of delicate pink.
  - Victory**—The finest scarlet of all in Carnations. Size, 3 inches and over; elegant long stems.
  - Boston Market**—Grand pure white; very large.
  - White Perfection**—Continuous bloomer; extra fine.
- PRICE**—Above, each, 10c.; doz., \$1.00, postpaid.  
**Imperial Carnation Set, above Six for 40c.**

### NATIONAL CARNATION SET

- Purity**—Pure white, beautifully fringed; exceedingly fragrant.
  - Beacon**—New scarlet, tinted with orange; very gorgeous; 3 inches in diameter. Splendid for winter blooming; free flowering.
  - Enchantress**—One of the very finest new sorts. Color, fine shell-pink—so much sought for—slightly darker at center; stem and habit of growth perfect; early.
  - Ruby**—A magnificent crimson; flowers large and full; immense—3 to 4 inches.
  - Mrs. Patten**—Large, full, double flowers of the purest white, daintily marked with bright pink.
  - Mrs. T. W. Lawson**—Immense—3 to 4 inches in diameter. Long, strong stems; color, bright cerise-pink.
- PRICE**—Above, each, 10c.; doz., \$1.00, postpaid.  
**National Carnation Set, above Six for 40c.**  
**One each of above Sets, 12 Choicest Carnations, for 75c.**



Vase of Enchantress Carnations.

### Novelty Carnation Set

- Mrs. O. P. Bassett**—Considered by many the best new scarlet; 3½ inches in diameter. Fragrant and free blooming.
  - Mrs. Chas. Kropf**—A bright, pleasing rose-pink; large; fragrant.
  - Winsor**—A clear silvery pink; one of the earliest bloomers, and continues flowering well all the season.
  - Sarah Hill**—Large pure white; a healthy and continuous bloomer; very fragrant; good stem.
- Above, each, 15c.; doz., \$1.50. The Set of Four for 50c.**

## Livingston's Mammoth Chrysanthemums

**NOVELTY SET**—No collection is complete without these vastly improved and startling distinct varieties. They are exceedingly handsome. This set covers a nice range of shades in new types.

- American Beauty**—Late-flowering; almost like an American Beauty Rose.
  - Fidelity**—Very large, artistic form of fine substance; pure white.
  - Mersham Red**—A pretty red; broad petals; fine flower; excellent grower.
  - Sunburst**—Large and beautiful; intense yellow; a free and healthy grower.
  - Uncle John**—Closely incurving flowers of great depth and solidity. Deep bronze at base, gradually turning to rich yellow at top of bloom.
  - Wm. Duckham**—Very large, incurved; fine shade of pink.
- Above Splendid New Varieties, each, 15c. The Set of Six for 60c.**

### TWELVE GOOD CHRYSANTHEMUMS FOR GROWING IN POTS.

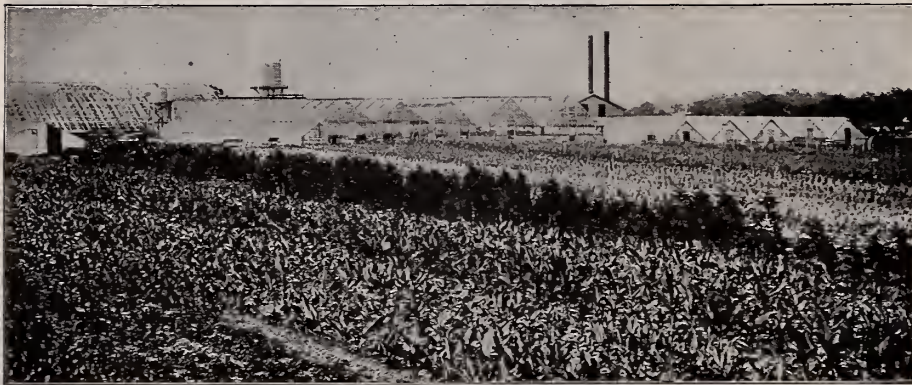
- Black Hawk**—Looks like crimson velvet; a shade long desired.
  - Estelle (White Pacific)**—As fine as a white Paeony. Very early.
  - Glory of the Pacific**—A large fine pink; early and a great favorite.
  - Ivory**—Early. Pure white; a splendid free-flowering variety, unequaled for its grand globular form, its Dahlia-like petals and absolute purity of color.
  - J. K. Shaw**—Beautiful incurved pink variety. The best of this color.
  - Major Bonnafon**—A grand yellow; incurved; petals large; second early.
  - Mme. Paul Labbe**—Midseason. Wine-red, almost purple. Fine pot plant.
  - Monrovia**—A splendid early yellow; grows easily and blooms freely.
  - Mrs. H. W. Buckbee**—Large, pure white blooms; robust grower; late.
  - October Frost**—Magnificent, large, pure white; one of the best whites.
  - Pink Ivory**—Similar to White Ivory, except color, which is a light pink.
  - Robt. Halliday**—Second early. Large, broad petals; Japanese yellow sort.
- Above, each, 10c.; any 6 for 40c. The Set of 12 for 75c.**

### TWELVE GOOD CUT-FLOWER CHRYSANTHEMUMS.

- Col. Appleton**—Dwarf; strong stems; elegant foliage; enormous size, incurved; golden yellow bloom. A great beauty.
  - Ethel Fitzroy**—Early, large and easy grower. Fine incurved Japanese flower; color, orange-amber, shaded red.
  - Golden Chadwick**—A grand yellow; strong stem and good grower.
  - Golden Wedding**—Large, golden yellow; vigorous; second early.
  - John Burton**—A fine pink, Japanese incurved flower that comes into best bloom just right for Christmas use.
  - Maud Dean**—Large, late, incurved; petal broad; pink, almost rose.
  - Miss Alice Bryon**—A very fine midseason white; lasts a long time.
  - Golden Glow**—An early golden yellow, blooming with us September 1.
  - Mrs. O. P. Bassett**—Large, clear yellow; very beautiful; early.
  - S. T. Wright**—A mammoth red; certainly a gorgeous variety.
  - Timothy**—Very large, pure white, incurved Japanese variety; perfect in form, stem and foliage. In bloom until November 15.
  - Wm. H. Chadwick**—Immense bloom; waxy white, tinted pink; late.
- Above, each, 10c.; any 6 for 40c. The Set of 12 for 75c.**  
**Carnations and Chrysanthemum Plants are sent postpaid at above prices.**



# Livingston's Superb Cannas



Cannas at True Blue Nurseries. A Range of Greenhouses in Background.

At the single and dozen prices we forward Cannas postpaid. If you need large quantities of Cannas ask for special quotations

## King Humbert

(Illustrated below)—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.

## Cannas---Gilt Edge Varieties

**Gloriosa**—Crimson, bordered yellow. A continuous bloomer. 3 feet.

**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

**President McKinley**—Fiery crimson; profuse bloomer. 3 feet.

**Betsy Ross**—Very fine pink flowers in large masses. 2½ feet.

**Buttercup**—Bright buttercup yellow; large; flowers in fine trusses. Handsomely formed, always clear and bright. 3 feet.

**Florence Vaughan**—Large yellow flowers, dotted with bright red. Very broad bright green leaves. 4 feet.

Above, each, 15c.; doz., \$1.25. The Set of Four for 45c.

## 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.

**Milwaukee**—Color rich dark maroon; green foliage. 3½ feet.

**Mont Blanc**—Almost pure white; foliage large, handsome, green. Blooms on strong stems well above the foliage. 3½ feet.

**Niagara**—Bright red, with edge of petals rich golden. 3 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 Six for 75c.

## Beautiful Showy Coleus

One of the most beautiful bedding plants. The colors of foliage run through an endless variety of shades—maroon, crimson, yellow, red, green, chocolate, spotted, splashed and striped in splendid combinations.

**Beckwith Gem**—Leaf scarlet, green edges.

**Brillancy**—Bright carmine, shading to deep maroon, margin of leaves bordered with yellow and green; rich velvety luster. Extra.

**Golden Bedder**—The finest clear golden yellow yet introduced.

**Klondike**—Center golden yellow, bordered with rich deep bronze.

**Kaiser Wilhelm**—Very large foliage, in crimson, maroon, bright red and bright green shades; choice strong growing variety; showy.

**Verschaefelti**—Velvet crimson. Largely used in city parks as the very best deep red variety for bedding.

Above, each, 10c. The Set of Six Coleus for 50c., postpaid.

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.

## 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**—The standard crimson; large, bright. 6 feet.

**Beaute Poitevine**—Ideal bedding Canna; always in good condition in all kinds of weather; bright rich crimson. 3 ft.

**Crimson Bedder**—Large trusses of beautiful crimson bloom; early. Very free flowering, compact plant. 3 feet.

**Duke of Marlborough**—Dark, rich, velvety maroon; large trusses. One of the deepest and richest colored Cannas. 4 ft.

**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.

## Dark or Bronze-Leaved Cannas

**Black Beauty**—Handsome 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.

**Brandywine**—Bronze leaved; large, wine-red bloom. 4 to 5 ft.

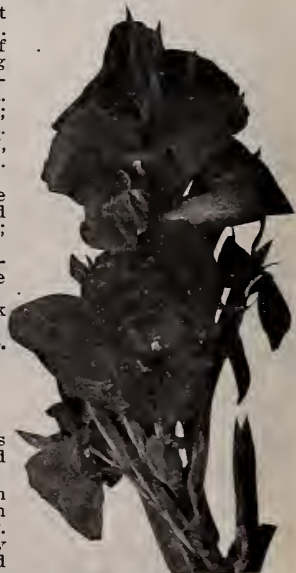
**Bronze Beauty**—Bronze leaf, green stalk; vermilion-orange. 5 feet.

**David Harum**—Flowers large size; bright vermilion, dotted crimson; extra free bloomer; foliage dark bronze. 3 feet.

**Evolution**—Rich golden yellow; center blush-pink; bronze foliage. 4 feet.

**Robusta**—Of luxuriant dark bronze foliage. 6 to 8 feet.

Above, each, 15c.; doz., \$1.25. The Set of Six for 65c.



King Humbert Cannas. ¼ natural size.



## The Best Ferns for the Home

### New Fish Tail Fern

(*Nephrolepis Davallioides Furcans*)

In general appearance and habit of growth this elegant new sort resembles the Dwarf Boston Fern. With this sort, however, the end of each pinnae is enlarged and oddly divided into 4 or 6 irregular ends, which resemble fish tails. Very unique and ornamental. (See illustration.) **Small Plants, 25c. each. Larger Plants from 4-inch pots, 75c. each.**

### Improved Ostrich Plume Fern

(*Nephrolepis Whitmani*)

This exquisitely beautiful new Fern is unquestionably the very best of this valuable type. It is far superior to the Pieris and Elegantiissima Ferns which we have discarded. The fronds are denser, broader and more graceful, and the pinnae on the individual fronds are more finely divided, giving the rich feathery effect of two or three fronds condensed into one. Each frond is a veritable **Ostrich Plume**. In addition to its great beauty, it has the valuable characteristic of coming absolutely true. Every frond is perfect. **Fine Strong Plants, each, 20c.; doz., \$2.25.**

### The Boston Fern

Fronds frequently attain a length of four feet. They arch and droop very gracefully. An elegant plant to grow as a single specimen on a table or a pedestal. Also very beautiful in a hanging pot or basket on a porch in summer or in the window in winter. One of the finest plants ever introduced, and no home is complete without one or more of them. **Price, postpaid: Strong Plants, from 3-inch pots, each, 25c.; 4-inch pots, 40c. By express, not prepaid: Good, Large Plants, from 5-inch pots, 75c.; 6-inch pots, \$1.00. Extra Large Plants, \$1.50 to \$5.00, according to size.**

### The New Dwarf Boston Fern

(*Nephrolepis Scottii*)

A compact dwarf form of the favorite Boston Fern. It is gracefully drooping in habit of growth, but more compact, making well-finished, shapely plants in the smaller sizes, yet growing into grand large specimens in time. As a pot plant for house culture it is most desirable, and may be used to good effect in small jardinières and ferneries. **Strong Plants, each, 25c.**

**Shaking Fern (*Pteris Tremula*)** Foliage large and graceful. The slightest movement of the air shakes the leaves of this Fern; hence the name. It grows readily and very fast. Keep the leaves free from dust and sprinkle gently on warm days. **Each, 15c. Larger Plants, 25c.**

**MOSS FERN (*Selaginella Emiliana*)** These are so useful in connection with small Ferns in pans or baskets we have thought best to offer them here, although, strictly speaking, they are not Ferns. Have delicate lace-like foliage; always fresh and green; easily grown. **Each, 15c.; doz., \$1.50.**

**SMALL FERNS FOR THE DINING ROOM**  
We have a very fine collection of small Ferns suitable for fern pans or dishes. Nothing makes so fine an ornament for the dining table, and their use is now very general. No other plant is finer or so well adapted for the purpose. **Each, 10c.; doz., \$1.00.**



### Special Offer

**One Strong Plant each of the three following Splendid House Ferns—Ostrich Plume, Boston Fern, Shaking Fern—only 50c.**

## Fuchsias

Fuchsias are one of the most popular flowering plants for setting out during the summer in partially shaded situations. The following varieties will be found most satisfactory; we have selected them with the greatest care.

**Black Prince**—Large expanded corolla of reddish color; habit of growth extra fine; an abundant bloomer. A very beautiful and much sought variety. **Single.**

**Dr. Topinard**—This is a grand double white variety; very free in blooming. **Extra.**

**Lustre**—Tube and sepals pure white; vivid crimson corolla. **Free bloomer. Single.**

**Madame Van der Strass**—Large and double; pure white corolla, bright coral-red sepals.

**Monstroza**—A new double variety; pure white corolla; bright scarlet sepals.

### Phenomenal

The finest freest blooming, double, large-flowering Fuchsia in cultivation; flowers of enormous size, borne with great freedom; short tubes and sepals of bright crimson color; corolla bright violet-purple. (See illustration.)

**Trophee**—Rich purple corolla; crimson tube and sepals. A fine variety. **Double.**

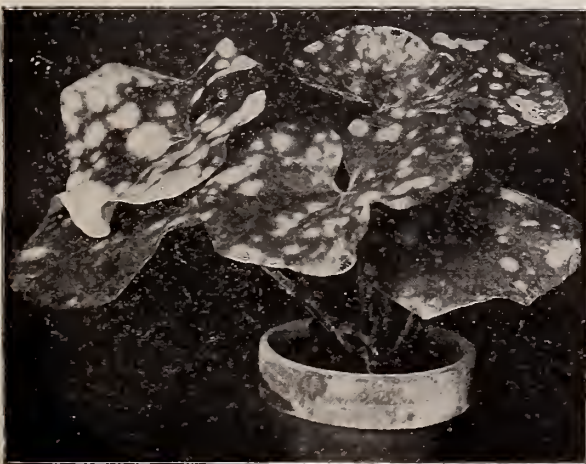
**White Phenomenal**—A splendid double white. Will surely please you.

**Price of above Fuchsias, 10c. each. Any 6 for 50c.**

## Farfugium Grande

(Leopard Plant)

Beautiful ornamental plants grown largely in pots and used much the same as Palms, etc. They also do well in open ground if shaded a portion of the time. Leaves thick and of leathery texture, dark green, with many spots of bright yellow. (See illustration.) **Each, 35c.**



Farfugium, or Leopard Plant.

**Special Attention** is called to our splendid stock of Hardy Herbaceous Plants and Ornamental Trees and Shrubs listed on pages 107-118. For many years we have collected all that is best in this interesting line and we are well equipped now to serve the most critical. At our "True Blue" Nurseries we are growing many acres of just such things as are necessary to the proper beautifying of home grounds, and our prices put highest-class stock procurable within the reach of all. Consult us freely! Estimates on large orders are cheerfully submitted.

## Livingston's Choice Geraniums

The following list has been made up from our experience in growing each variety. There is not an undesirable sort in the whole collection. We aim to try all promising new varieties as fast as offered, and only list the best ones.

### New Geraniums

#### A Few Very Choice Ones.

**New Telegraph**—Immense in size of cluster and single bloom. Vigorous and robust grower; remarkably free bloomer. Foliage dark green, with heavy zone; the flowers are of mammoth size, single, and a rich deep orange-salmon in color. Unsurpassed for bedding out and indispensable for conservatory or window decoration.

**Alice of Vincennes**—Fine rosy pink, veined with crimson and edged with scarlet; center white. Very brilliant and showy. Single.

**Bertha de Fresilly**—Plant robust, dwarf and branching; very free bloomer all season; blooms large, semi-double, beautiful bright silvery rose in color.

**Marquis Castellane**—Double; very large trusses, 5 to 7 inches. Flowers 2 inches across, of perfect shape; color deep rosy scarlet.

**Peter Henderson**—Grand sort in health, size and habit of bloom. Trusses very large, borne on long stiff stems above the foliage; bloom semi-double, broad and flat; bright red in color.

**Thomas Meehan**—Double, very large trusses, with large, almost circular florets; brilliant rosy pink; the base of upper petals orange; fine.

Above, each, 15c. The Set of Six for 75c.

### Sweet-Scented Geraniums

Their foliage has distinct and strong fragrance—**Lemon, Nutmeg, Oak-Leaved, Rose, Shrubland Pet and Skeleton-Leaf.**

Above, each, 10c.; any 3 for 25c. The Set of Six for 50c.

### Variegated-Leaved Geraniums

**Bronze Bedder**—Foliage bright golden yellow; scarlet blooms.

**Mme. Sallerot**—Bright green foliage, edged white; stands sun well; few plants equal it for the border.

**Mrs. Parker**—Foliage deep green, with a broad border of pure white; the flower is double, clear bright pink.

**Mrs. Pollock**—Beautiful three colored leaf; bright bronze with border of crimson, which is edged with golden yellow.

**S. A. Nutt—Silver Leaf**—The first variety having the silver leaf and at the same time having a good bloom; color rich dark crimson.

**William Langguth**—Beautiful dark green leaves marked with broad white band; double, bright red bloom.

Above, each, 10c.; any 3 for 25c. The Set of Six for 50c.

### Double Ivy-Leaved Geraniums

**Col. Baden-Powell**—The largest flower of this class. The color varies from pearl white to soft blush.

**Mrs. Jas. G. Day**—A clear bright scarlet; large and especially free bloomer. Very fine.

Our customers should try these.

Above, each, 20c. The Two for 35c.

**Heliotropes** Well suited for pot culture or borders. Unexcelled for bouquets.

**Florence Nightingale**—Flowers bright lavender; good, true. A very fine variety.

**Madame Lederle**—Flowers a beautiful Forget-Me-Not blue; fine. Elegant sort of delicious fragrance.

**White Lady**—Lavender-white; the best light sort. Each, 10c.; the Three for 25c.

**NEW GIANT HELIOTROPES**—In this improved class we can supply **Dark Blue, Lavender Blue, and Rose Mauve.** They have fine large blooms and truss similar to Forget-Me-Not in shape, size, eye and color. Each, 15c.; 2 for 25c.

**Hydrangea Otaska Monstrosa**—Enormous trusses of intense pink flowers.

**Red Branched**—Distinct in foliage and flower; flowers deep rose color; large trusses; branches deep red.

**Hortensis**—Always a favorite. Flowers pink; immense trusses. Each, 15c.; the Set of Three for 35c.

### Superb Double Geraniums

**Alphonse Riccard**—Large flowers in great masses; dwarf and branching; color bright vermilion-scarlet.

**American Beauty**—Very fine double-flowering sort; just the color of American Beauty Rose.

**Beaute Poitevine**—One of the finest semi-double, of splendid color—a bright salmon-pink, and shaded from deep orange to pure salmon. Trusses as well as single florets are of immense size.

**E. H. Trego**—The largest flowered and brightest red sort yet produced; not excelled for bedding, large truss on long stems.

**Heteranthe (Double General Grant)**—Clear vermilion-red flowers, showing well above compact, sturdy foliage. A splendid variety.

**Hubert Charron**—A beautiful semi-double; pure white, with a reddish carmine band around each petal; delicately mottled.

**John Doyle**—An exceptionally bright scarlet; very effective.

**La Favorite**—Most beautiful white. An excellent bedder.

**M. Jules Dispot**—Beautifully shaded, rich violet-crimson flowers with lilac center; always good large size. Fine pot plant.

**Mme. Jaulin**—Center of bloom fine peach-pink shade; wide, pure white margin.

**Miss Frances Perkins**—The grandest bright pink bedder to date. Fine grower and perfectly sunproof; free bloomer; long stems.

**S. A. Nutt**—The very best of dark crimson-scarlet bedders.

Above, each, 10c.; any 6 for 50c. The Set of Twelve for 85c.



Geranium Plant.

### Select Single Geraniums

**Bellerophon**—Scarlet; immense trusses; very free-flowering variety.

**Columbia**—Bright carmine; large trusses; long stems.

**Mrs. E. G. Hill**—Large, perfect flowers of bright salmon, with lighter shade at base of petals; one mass of bloom almost continuously; fine.

**Rev. Atkinson**—Rich crimson-scarlet; fine large flowers.

**Mrs. J. M. Garr**—The finest of all single white bedders.

**Richmond Beauty**—A brilliant scarlet-crimson, feathered white on the two upper petals; very unique sort.

Above, each, 10c. The Set of Six for 50c.

### Pelargoniums

(Lady Washington or Parlor Geraniums)

Grand old favorites, but the new varieties are much in advance of the older kinds. Not adapted for garden so much as for house pot plants.

**Crimson King**—Intense rich crimson; good habit; very floriferous.

**Martha Washington**—Very fine. The flowers have deep blotches on upper and bright crimson spots on lower petals.

**Mrs. Robert Sandiford**—Flowers large size, well doubled, beautifully ruffled, glistening snow-white.

**Victor**—Bright cherry-red, white markings at base of each petal; two upper petals heavily spotted with deep maroon. Above, each, 20c. The Set of Four for 75c.

**Impatiens (Sultans, or Zanzibar Balsam)**—Charming plants for the decoration of the conservatory or window garden, as they are most excellent pot plants.

**Holstii**—Makes very bushy plants; the large flowers are of a most gorgeously brilliant vermilion. It is a fine pot plant.

**Sultani**—A well known and most popular variety. The large flowers are of a bright rosy scarlet color.

Above, each, 15c.; the Two for 25c.

**Jasmine Grand Duke**—Easily grown, even small plants bear a profusion of large, very double creamy white flowers of a delicious perfume; a magnificent plant. Each, 25c.

**Maid of Orleans**—Creamy white fragrant flowers. Fine. Each, 25c.



### Palms, Indispensible for Decorations

**Kentia**—The Kentias are among the very best of the Palm species for general cultivation. Not effected by the dust or dry atmosphere of the living rooms.

**Kentia Belmoreana**—Dwarf, spreading; leaflets rather narrow. Small Plants, each, 25c. Large size, 50c. and \$1.00.

**Kentia Forsteriana**—Of stronger growth, with broader foliage than above. Easy to grow. Small Plants, each, 25c. Large size, 50c. and \$1.00.

**Cocos Weddeliana**—The most elegant of the smaller Palms. Slender, erect stems, with graceful arching leaves of rich green. Admirable for fern dishes or use on the table. Fine Plants, 35c. and 50c.

**Latania Borbonica**—The old, well known Fan Palm. Very hardy and of easy cultivation. Large, deeply divided fan-shaped leaves. Young Plants, each, 25c. Large Plants, 50c. and \$1.00.

**Areca Lutescens**—A beautiful Palm. Its dark, glossy green leaves are gracefully curved on slender golden yellow stems, and the entire foliage is gracefully disposed. Nice Plants, each, 25c. Larger Plants, 50c. and \$1.00.

We can supply **LARGE PALMS**, by Express, at prices from \$1.00 to \$10.00. Write for prices and descriptions.

**Pansy Plants** Favorites with every one and too well known to need any description. Our plants are grown from our Fancy Strain, finest colors. Strong Plants, each, 5c.; doz., 40c.; 100, \$3.25, postpaid.

**SPECIAL PANSY COLLECTION**  
We will send 12 Brightest and Best Pansy Plants, a Choice selection, for 50c., postpaid.

**Rubber Plants (Ficus Elastica)** One of the best plants grown for decorative purposes. Its glossy, thick, dark green leaves seem formed especially to resist the dust and gas of dwelling houses. Strong, well-rooted Plants, each, by mail, 75c. By express: 4-inch pot plant, \$1.00; 5-inch pot plant, \$1.25; 6-inch pot plant, \$1.50.

**Ficus Pandurata**—A majestic new Rubber Plant with gigantic leaves of deep rich green. Very rare. Large Plants, by express, not prepaid, \$5.00 to \$10.00.

**Salvia** The Salvia is becoming more popular as a bedding plant, easily ranking with Geraniums, Cannas, etc.

**New Audubon**—Dark green foliage, blotched and spotted with creamy yellow. Bloom intensely red. Each, 10c.

**New Zurich**—A new dwarf, early flowering variety, beginning to bloom when but 3 inches high. Each, 15c.

**"Fireball"**—Large spikes of dazzling scarlet flowers produced well above the foliage all season. Each, 10c.

**St. Louis**—A great addition; forms large bushes of immense scarlet spikes of bloom. Early and continuous. Each, 10c.

The Set of Four above Salvias for 40c.

**Smilax** Fine climbers. Beautiful, glossy, dark green leaves, useful in bouquets. Each, 10c.; doz., \$1.00.

**Verbenas** The very finest varieties. No bedding plant gives more satisfaction. Mrs. McKinley—Snow-white.

Beauty of Oxford—Dark pink. Glow-Worm—Fiery red. Above, each, 10c.; Set of 3 for 25c. Mixed Verbenas in six different colors, each, 8c.; doz., 60c.; 100, \$4.00.

**Vinca Major** Variegata—Very popular for baskets, vases, etc. Healthy and satisfactory. Leaves green, margined with white; flowers blue. Each, 15c.; 2 for 25c.; doz., \$1.25.

**Violets** Princess of Wales—The largest and best of all the single sorts. Delightful perfume. Color, a rich violet-purple; a vigorous grower, with healthy foliage.

Lady Campbell—Deep purple; fine, large double bloom.

Marie Louise—The favorite winter-flowering variety; not hardy in the North; flowers double; rich purple; stems long.

Swanley White—Pure white; large; double; very fine.

Strong Plants, each, 10c.; doz., \$1.00. The Set of Four for 35c.

**HARDY RUSSIAN VIOLETS**—See page 111.

### Lantana

**Trailing**—A fine plant of graceful drooping habit, producing flowers at each leaf, literally covering the plant; brilliant rosy lilac. Trails or climbs, as desired, in basket or pot. Very attractive.

**Harkett's Perfection**—Flowers pink and buff; foliage variegated.

**M. Schmidt**—Bright clear orange-red; very brilliant.

**Countess of Biencourt**—Rose and yellow, sulphur center.

**Leo Dex**—Purple-red flower; large, round leaf.

**Alba Perfecta**—Pure snow-white.

**Grand Sultan**—The best deep red; very rich.

**Amiel**—New, dwarf, compact growth; a profuse bloomer; flowers in clusters in great numbers; when first open are golden yellow, changing the next day to deep fiery scarlet.

Above, each, 15c.; doz., \$1.50; any 4 for 50c.

### American Wonder Lemon

This variety of Lemon makes splendid pot plants, as its glossy dark green leathery leaves are very ornamental; fully equal to the Palms, Rubbers, etc. It stands rough usage, and even neglect, and still looks well. Blooms in clusters of fragrant white flowers. It begins to bear

fruit when quite small, not over 18 inches high. An ever-bearing variety, as there are blossoms and fruit in all stages of development on well-grown trees. The fruit is very juicy, makes delicious lemonade, and is not excelled for fine flavor. We send printed instructions for their proper care with each order. It is of the easiest culture. Thrifty Young Plants, each, 25c., postpaid. By express, not prepaid, Strong Plants, 50c. to \$1.00 and up.

**SPECIAL OFFER**—One Young Plant each of above Lemon and Otaheite Orange, listed below, 35c., postpaid.

**Otaheite Orange** As a pot plant the lovely Otaheite Orange is one of the most novel and beautiful that can be grown. Each, 25c., postpaid. By express, not prepaid, Strong Plants, 50c., \$1.00 and up.

**Marguerite (Paris Daisy)**. The well known and very free-blooming plant.

**Queen Alexandra**—The new Paris Daisy; a plant that is desirable both for pots and cut flowers. Will do well anywhere, being such a robust grower. Strong Plants, each, 20c.

**California Giant**—Pure white. Each, 15c. The Set of Two for 30c.

**Moonflower (Noctiflora)**. Well known White Moon-flower. Rapid growing vine, which will easily cover a surface 24 x 40 feet in a season. At night and during dark days the plants are covered with an abundance of large, fragrant flowers, 3 or 4 inches in diameter. Fine Plants, each, 10c.; 6 for 50c.; doz., 90c.

**Petunia (Double)**. We can supply fine plants in the following choice varieties:

**Exquisite**—Fine shell-pink. **Snow Storm**—Pure white. **Meteor**—Dark red, flaked white.

**Striking**—Rich red, white border. Above, each, 10c.; the Set of Four for 35c.; doz., \$1.00.

**Primula Obconica** (See illustration on page 87.) An ever-bloomer. Flowers of lovely lavender in great profusion the year round. Easy to grow. One of the most satisfactory of house plants. Always pleases. Each, 15c.; 2 for 25c.



Violets, Princess of Wales. Strong Plants, each, 10c.

# Livingston's Quality Roses, A Choice Selection of the Best Kinds

Out of the many varieties of Roses offered, we have taken great pains to list on this and the following three pages, nothing but the very best, regardless of the expense to us, believing the satisfaction gained from these varieties will repay us in increased business. We are determined that not a single kind shall go into the list which is not a gem of its kind or class, each one having been selected for a special purpose.

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.

**Special Notice** We wish to call attention to the fact that 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.

## 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, which are noted for vigor, hardiness, productiveness and size. All are perfectly hardy in your garden.

**Anna de Diesbach**—Brilliant rose color, with long, pointed buds, and large, perfectly formed blossoms; fragrant; vigorous; persistent bloomer.

**Baron de Bonstetten**—Large, very double, rich dark red, changing to velvety maroon.

**Baroness Rothschild**—Considered by many the finest and most beautiful of all hybrid perpetual Roses. The superb blossoms, which are borne on long, stout stems, are of immense size, full and massive. The petals are of fine substance, broad and thick. In color it is certainly the peer of all pink roses, being a peculiarly dainty pink of exquisite satiny texture.

**Capt. Christy**—Splendid form, very double, borne on erect stems; color, delicate flesh-pink, deeper shade at center; free bloomer.

**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, shaded pink at the center.

**Coquette des Alpes**—Large, full, finely formed flowers; color pure white, tinged with pale blush; beautiful. A profuse bloomer and hardy.

### Frau Karl Druschki, or Snow Queen

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. 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. Of exquisite form and fragrance. Will thrive in almost any soil; is very hardy and healthy. We know of no better white Rose. **Young Plants, each, 20c.; doz., \$2.00. Strong two-year-old Plants, each, 40c.; doz., \$4.00, postpaid.**

**PRICE**—Above Hardy Hybrid Perpetual Roses (except Frau Karl Druschki or Snow Queen): Good Plants from 2½-inch pots, 10c. each; doz., \$1.00, postpaid. Two-year-old Field-grown Bushes, 30c. each; 3 for 80c.; doz., \$3.00, delivered anywhere in the United States. By express, not prepaid, \$2.50 per doz.

### Five Splendid Everblooming Roses

(PRICES SAME AS FOR TEA ROSES BELOW)

**Burbank**—Free flowering; ever-blooming; good habit; rich pink. Fine bedder.

**Clothilde Soupert (Polyantha)**—Flowers very double; produced in clusters; beautiful pearly white, with rose-lake center; slightly fragrant.

**Etoile de Lyon**—Light golden yellow; very sweet; large.

**Golden Gate**—Creamy white, flushed pink; very strong grower and profuse bloomer. (See illustration at top of next page.)

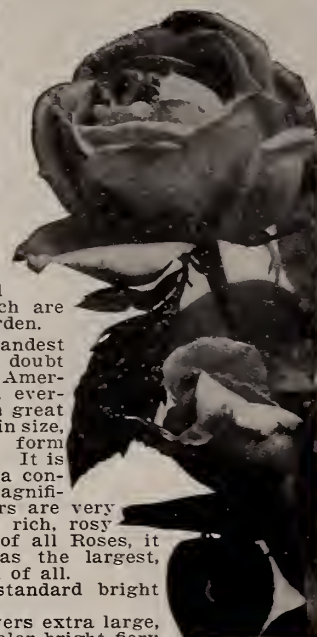
**Mme. Abel Chatenay**—Beautiful rose tint, shaded with salmon; very full and fragrant blooms.

**Mme. Lombard**—A beautiful shade of rosy bronze; very fragrant.

**Mme. Jean Dupuy**—Great rounded blooms of pink and buff shades.

**Maman Cochet**—Deep rose-pink, inner side of petals silver rose.

**Prices** of all the Ever-blooming Tea Roses (except Richmond): Nice Plants from 2½-inch pots, 10c. each; doz., \$1.00, postpaid. Field-grown two-year-old Bushes, 25c. each; \$2.50 per doz., delivered anywhere in this country. By express, not prepaid, \$2.00 per doz.



Ulrich Brunner.

**American Beauty**—The grandest Rose grown and without a doubt the most popular Rose in America. It is a perfect hardy, ever-blooming Rose, producing in great profusion flowers immense in size, rich in color, exquisite in form and wonderful in fragrance. It is a quick, bushy grower and a continuous bloomer. Buds magnificent, large and deep; flowers are very double and of an exquisite, rich, rosy crimson color. The queen of all Roses, it stands without an equal as the largest, sweetest and most beautiful of all.

**Gen. Jacqueminot**—The standard bright crimson-scarlet.

**Mad. Charles Wood**—Flowers extra large, double, full and fragrant; color bright fiery scarlet, passing to fine rose-crimson.

**Marchioness of Lorne**—Very rich rose color, shading to bright carmine in the center; large in size, fragrant and beautiful.

**Marshall P. Wilder**—Beautiful cherry-carmine; large, full and globular in form.

**Mrs. John Laing**—Splendid constant bloomer; immense flowers, full and double, borne in great profusion on long, stiff stems; exceedingly sweet; color, clear, bright, shining pink. Hardy.

**Paul Neyron**—Deep, shining pink; extra large; fine form.

**Prince Camille de Rohan**—Deep, velvety crimson, almost black.

**Ulrich Brunner** (See illustration) — An Immense Glowing Crimson Beauty. This is an exceptionally fine, sweet scented Rose. Frequently called the Hardy American Beauty. Produces in greatest abundance perfect flowers on long, strong, almost thornless stems. Buds magnificent—long, pointed; flowers bold, extra large, full; color, rich velvety crimson, brilliant and very showy.

**Hermosa**—Always in bloom; full, fine formed, deep soft pink, cup-shaped.

**Pink Soupert**—Bright rosy pink flowers, changing in hue as they fade, producing a pleasing contrast.

**Snowflake (White Hermosa)**—Dwarf habit; constant bloomer; pure white.

## The Best Everblooming Tea Roses

Are tender and should be well protected in the Northern States. In the extreme North they must be wintered in the house.

**Duchess de Brabant**—Exquisite rose, heavily shaded with amber and salmon.

**Etoile de Lyon**—Light golden yellow; very sweet; large.

**Golden Gate**—Creamy white, flushed pink; very strong grower and profuse bloomer. (See illustration at top of next page.)

**Mme. Abel Chatenay**—Beautiful rose tint, shaded with salmon; very full and fragrant blooms.

**Mme. Lombard**—A beautiful shade of rosy bronze; very fragrant.

**Mme. Jean Dupuy**—Great rounded blooms of pink and buff shades.

**Maman Cochet**—Deep rose-pink, inner side of petals silver rose.

**Prices** of all the Ever-blooming Tea Roses (except Richmond): Nice Plants from 2½-inch pots, 10c. each; doz., \$1.00, postpaid. Field-grown two-year-old Bushes, 25c. each; \$2.50 per doz., delivered anywhere in this country. By express, not prepaid, \$2.00 per doz.



Richmond Roses.

# Livingston's Superb Hybrid Tea Collection for 1910



Kaiserin and Golden Gate.

**Mme. Caroline Testout**—Petals large and of elegant form; exquisitely edged and bordered with clear silvery rose; flowers and buds extra large, of elegant form; color brilliant satiny rose, center clear red.

**Rosalind Orr English**—Cerise-pink. It is a prolific bloomer, throwing up splendid canes, on which are borne beautiful, long, pointed, very full buds of medium size, which open into a fine, large flower.

**Souv. Pres. Carnot**—Large, full, double flowers, with heavy, thick, shell-like petals; buds long and pointed; delicate rose-blush, shaded deeper at center; strong, free bloomer.

**Viscountess Folkestone**—Flowers are very large and double; color beautiful shade pale pink, with satiny luster.

**Price** Of all Hybrid Tea Roses (except where otherwise stated): Good plants from 2½-inch pots, each, 10c.; doz., \$1.00, postpaid. Field-grown Bushes, each, 25c.; doz., \$2.50, delivered anywhere in the United States. By express, not prepaid, doz., \$2.00.

## Climbing Tea Roses

Exceptionally fine climbers for the Southern States, and nothing could be more choice to cover a porch or trellis.

**Climbing Marie Guillot**—Flowers extra large; fragrance delightful; pure white, center tinged yellow.

**Climbing Meteor**—Perpetual blooming; color rich velvety crimson.

**Climbing Soupert**—Vigorous grower. Color creamy white, sometimes tinged with pink; 2½ to 3 inches across and very double.

**Gainsborough**—A splendid new ever-blooming Rose; color delicately tinted flesh, almost white; flower very large and fluffy.

**Reine Marie Henriette**—Ever-blooming; crimson flowers, exquisitely formed, very full, double, fragrant.

**Price** Good Plants from 2½-inch pots, 10c. each; \$1.00 per doz., postpaid. Large Field-grown Plants, 25c. each; \$2.50 per doz., delivered anywhere in the United States. By express, not prepaid, \$2.00 per doz.

## Four Fine Baby Ramblers

The Dwarf, or Baby Rambler Roses, grow a fine, healthy bush, 15 to 20 inches high, with foliage of dark, glossy green, which seems blight and bug proof. Bloom in large clusters.

**Crimson Baby Rambler**—A little beauty; rich crimson blooms.

**PINK BABY RAMBLEE** "Little Annie Muller"—Same as the Crimson Baby Rambler, except color is a luminous brilliant pink.

Above 2 Baby Ramblers: Nice Plants, 10c. each; \$1.00 per doz., postpaid. Field-grown Plants, 25c. each; \$2.50 per doz., delivered anywhere in the United States.

**BABY DOROTHY** (Maman Levavasseur)—In size, habit of growth and abundance of bloom just like its parent, the Crimson Baby Rambler, except that the blossoms are beautiful bright pink of the Dorothy Perkins shade; grows about 20 inches high. **Strong Pot Plants, 20c. each; two-year-old Bushes, 40c. each, postpaid.**

**NEW WHITE BABY RAMBLEE**—The flowers are larger, more double and more abundant than with other polyanthus Roses. In a large field of two-year-old plants every plant was a mass of snow-white bloom. **Two-year-old Field-grown Plants, each, 35c.; doz., \$4, delivery charges prepaid. Fine plants from 2½-inch pots, each, 15c.; doz., \$1.50, postpaid.**

## Five Elegant Ever-Blooming Roses, postpaid, \$1.00

Vigorously growing sort which will produce a profusion of lovely, fragrant flowers next summer. Hardy as far North as Northern Ohio, but require protection in colder climates. They should be pruned each year, and dead shoots should be removed. Any fertile soil is congenial to their ideal development.

**Bessie Brown** A lovely new Rose; extra large, full double and deliciously perfumed; healthy, vigorous grower; constant, profuse bloomer; white, shaded with rose. **Each, 35c.**

**Etoile de France** (**Star of France**)—One of the very finest queen among Roses. Flowers very large and full, of magnificent cupped form; the color an intense cerise-crimson. **Each, 40c.**

**Helene Cambier** A lovely coppery yellow Rose of great vigor and hardiness. Exceedingly free-blooming, and the flowers are delightfully fragrant and very substantial. **Each, 40c.**

**Kaiserin Augusta Victoria** Elegant large pointed buds and delicate creamy white; deliciously fragrant; strong stems; rich, glossy foliage. One of the finest Hybrid Teas. (See illustration.) **Each, 35c.**

**Madame Abel Chatenay** Beautiful carmine-pink, shading to salmon. A unique sort with elegant pointed buds. Very free-flowering and one of the most satisfactory sorts of this class. **Each, 35c.**

The Collection of the 5 Beautiful Two-year-old Roses described above for \$1.00, postpaid. One-year-old pot-grown plants of all at 15c. each, \$1.50 per doz., postpaid.

## Other Fine Everblooming Hybrid Tea Roses

**Angela Welter**—The elegant, large blooms are of an exquisite creamy white, the center shading to yellow. It blooms profusely and is very white, the center shading to yellow. Blooms profusely. Very fragrant.

**General McArthur**—True ever-blooming Tea Rose of great fragrance; color, brilliant scarlet; a strong grower; very lasting when cut; hardy with slight protection.

**Gruss an Teplitz**—Color, brightest scarlet, shading to deep rich velvety crimson; very fragrant; free grower and bloomer.

**Killarney**—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.

**La Detroit**—A grand Tea Rose. Shell-pink in color, shading to soft rose; outside of petals cream color; fine fragrance; vigorous grower; foliage rich and glossy.

**La France**—One of the most popular for general planting. Blooms all summer, producing buds and flowers magnificent in size, form and color. It is wonderfully fragrant. Exquisite silvery pink. **Each, 25c.**

**Lady Battersea**—Has long, pointed buds of largest size; very striking; color bright cherry-crimson; stems stiff and extremely long; strong grower and free bloomer.

**Meteor**—Of the deepest glowing crimson; very double; petals slightly recurving. A beautiful open Rose.



White Maman Cochet Roses.

# Livingston's Superb Climbing Roses

## The Famous Climbing Rambler Roses

**SPLENDID FOR COVERING PORCHES, TRELLISES, SCREENS, FENCES, Etc.**



**Dorothy Perkins Rambler.**

ferent 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. It is a strong grower, with but few thorns, magnificent foliage, impervious against mildew and absolutely hardy in the open ground everywhere. It has created a veritable sensation and has been awarded numerous medals. 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. **Strong Pot Plants, each, 15c.; two-year-old Plants, 40c., postpaid.**

**Lady Gay** Flowers (in large loose clusters) are of a delicate cherry-pink color, fading to soft tinted white. The effect of a plant in full bloom with the combination of soft white flowers, cherry-pink buds and deep green of the foliage is indeed charming. A strong climber—better than Dorothy Perkins. Hardy and unsurpassed for climbing work. **Young Pot Plants, 15c.; two-year-old Field-grown Plants, 40c. each; \$4.00 per doz., delivered in the U. S.**

**Baltimore Belle**—Pale blush, shading to rose color; double flowers in large clusters; vigorous; very rapid growing; late.

**Prairie Queen**—Extra fine; free bloomer; flowers extra large; color bright rose, sometimes striped white. Deservedly popular.

**Seven Sisters**—The beloved old-fashioned climbing Rose. Perfectly hardy anywhere. In color it changes from crimson to white, passing successively through all shades.

**PRICE**—All above Climbing Roses (except where otherwise noted): **Good Plants from 2½-inch pots, 10c. each; \$1.00 per doz., postpaid. Large Field-grown Plants, 25c. each; \$2.50 per doz., delivered anywhere in the United States. By express, not prepaid, \$2.00 per doz.**

Climbing Hybrid Tea Roses are listed on page 105

## 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. **50c. each; \$5.00 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.**

**Mrs. J. M. Kelly, Hollister, Putnam Co., Fla., writes:**  
"The Roses came in fine condition and I can no longer condemn the Northern Roses as being small and weakly. These were all fine quality, and are now putting on a new growth. Many thanks for the extra rose sent."

**Crimson Rambler**—The finest and most famous climbing Rose in cultivation. It is perfectly hardy and an exceedingly vigorous, hardy grower, making shoots from 10 to 20 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. In addition to the regular sizes which we quote below, we have several thousand extra large three-year-old field-grown Crimson Rambler bushes with strong canes 6 feet long. These we can cut back to about 3 feet and send by express at purchaser's expense for **40c. each, \$4.00 per doz.**

**Philadelphia Rambler**—A fine new 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. Perfectly hardy.

**Dorothy Perkins (Pink Rambler)**—Of great hardiness, vigor, beauty and freedom of bloom. (See illustration.) Stands severest winters unprotected; grows often 10 to 12 feet in one season; blooms in clusters; fine shell-pink color; large for the class; very lasting; fragrant; foliage deep green.

**Yellow Rambler (Aglaiia)**—Quite hardy, but should have some winter protection. The beautiful clear yellow flowers are borne in immense trusses, sometimes 100 in a cluster. Very fragrant.

## New Violet Blue Rambler

A German novelty with immense panicles of violet-blue flowers. Very strong grower and a most unique sort in many respects. **Nice young Plants from 2½-inch pots, 35c. each.**

## Other Hardy Climbing Roses

**ADAPTED TO NORTHERN STATES**

These varieties endure the most trying weather; grow rapidly, covering a building or fence in a short time. Bloom in large clusters.

**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. It is a strong grower, with but few thorns, magnificent foliage, impervious against mildew and absolutely hardy in the open ground everywhere. It has created a veritable sensation and has been awarded numerous medals. 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. **Strong Pot Plants, each, 15c.; two-year-old Plants, 40c., postpaid.**



**Crimson Ramblers over garden house. Digitalis in foreground**

# Hardy Herbaceous Plants

Following the call of the times, which demands plants for the creation of "old-fashioned hardy gardens," we have made special efforts to procure for our customers all that is best in this interesting class of plants. Hardy plants—the kind that stay out all winter and come up again the following spring—have always been of special interest to us. Not only do they remind us of our childhood days, when we used to roam around in grandmother's garden, but they also appeal to us as old companions, who please us by their faithfulness and bring back to memory scenes and happenings of days gone by.

And so we are growing at our True Blue Seed Farms a select lot of just such plants as are essential to the hardy border and old-fashioned garden. In the following ten pages will be found listed many of the old favorites, and we have illustrated them with "true to nature" illustrations (many of the photos being taken by ourselves), to show what effects may be gotten in a short time if our strong, healthy, home-grown plants and roots be used. Plant these perennials for a lasting garden, one that is constant and increases in beauty and value from year to year. One investment is the only one necessary, but it will bear compound interest.

**Leaflet on the Cultivation of Hardy Perennial Plants free for the asking.**

**ABOUT SHIPPING**—Hardy Plants can be sent by express only, buyer paying transportation charges. See explanation "About Prices" on page 115.

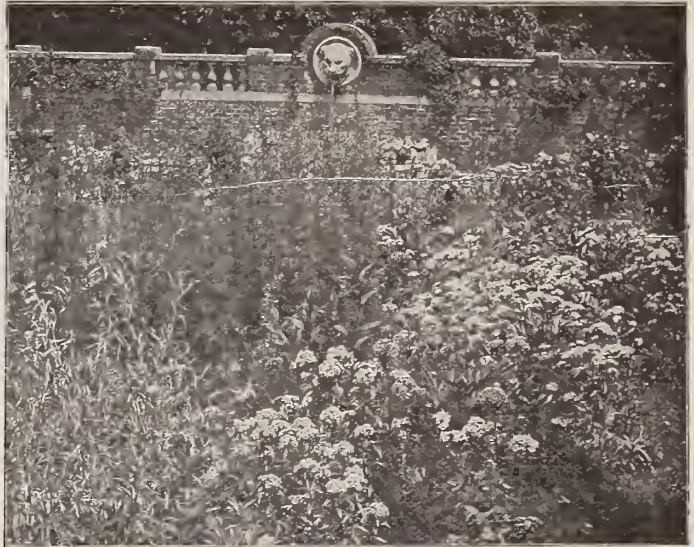
**Achillea** (*Ptarmica fl. pl.*) "The Pearl"—The great Cemetery plant. A single plant of Achillea will produce hundreds of flowers the first season, but when well established they frequently have more than 500 perfect flowers on the plant at one time. It commences to bloom early in July and is a perfect mass of beautiful pure white double flowers during the balance of the season. **15c. each; 2 for 25c.; \$1.50 per doz.**

**Anemone** **Whirlwind**—A new double white Anemone. Very hardy; blooms are quite lasting; flowers  $2\frac{1}{2}$  to 3 inches across; very free bloomer. **Each, 15c.; doz., \$1.50.**

**Queen Charlotte**—Very fine Japanese sort; semi-double; beautiful shade of pink—rare in hardy flowers. **Each, 15c.; doz., \$1.50.**

**Aquilegia** **Coerulea** (*Rocky Mountain Columbine*)—One of the very best of the whole family; blue and white. Old favorites. Bloom late in spring. **Each, 15c.; doz., \$1.50.**

**Asters** (*Hardy*)—Showy, late-flowering, hardy plants; bloom in September and October. Colors, blue, white and red. **Each, 15c.; doz., \$1.50.**



**Bleeding Heart** (*Dielytra Spectabilis*)—These are pretty spring bloomers, with graceful, drooping sprays of heart-shaped pink and white flowers; very ornamental and bloom freely throughout the season. They are quite hardy and increase in size from year to year. **Each, 25c.; doz., \$2.50.**

**Carnations** (*Hardy Grenadin*)—We have a very nice stock of these free-flowering and fragrant garden Carnations. With a little protection they are hardy everywhere. Flowers very large. **Mixed Colors, each, 20c.; doz., \$2.00.**

## Chrysanthemums

(*Hardy Pompon.*) These fine small-flowered varieties are very popular for outdoor bedding; are quite hardy, requiring only a slight covering during winter, and once planted grow better and better from year to year. They are desirable just at the close of the season. When all other blossoming plants are failing, these little "Mums" come out in wonderful profusion and may be gathered by the armful until after freezing weather sets in. We can supply the following sorts:

- |                                       |   |
|---------------------------------------|---|
| <b>Baby</b> —Lemon-yellow.            | <b>Nellie Bly</b> —Purplish lilac.        |
| <b>Flora</b> —Golden yellow.          | <b>Nina</b> —Golden.                      |
| <b>Gold Finch</b> —Gold, striped red. | <b>Soeur Melanie</b> —Large, pure white.  |
| <b>Jack</b> —Magenta.                 | <b>Tiber</b> —Crimson-brown, yellow tips. |
| <b>Little Dot</b> —Mahogany.          | <b>White Flora</b> —White.                |
- Each, 10c.; doz., \$1.00.**

**PRINCESS HENRY** (*Chrysanthemum Maximum*)—The finest and most valuable of the hardy-Marguerite or Ox-Eye Daisy varieties. The plants grow only about 18 inches high, are globular in shape and very decorative; flowers are large; splendid for cut flowers. Not particular as to soil; comes up every summer in the same beauty for years. **Each, 10c.; doz., \$1.00.**

## Campanula, or Canterbury Bells

Old-time favorites, with showy flowers of different colors, most of them in shades of blue. Planted in beds or among the shrubbery, they lend color to surroundings. One of the most desirable of all hardy plants—stately, free-flowering and highly ornamental.

**Calycanthema** (*Cup and Saucer*)—Large blue, white or purple flowers.

**Persicifolia** (*Peach Bells*)—Produces an abundance of blue salver-shaped flowers.

**Persicifolia Alba**—Pure white.

**Pyramidalis**—Blue; very showy, tall flower stalks with pretty bell-shaped blossoms.

**Above, each, 15c.; doz., \$1.50; 100, \$10.00.**

## Coreopsis Lanceolata

A beautiful hardy border plant. Produces bright golden yellow flowers in great profusion throughout the summer. **Each, 15c.; doz., \$1.50.**

## Digitalis

(See illustration of Digitalis bed on opposite page.)

(*Gloxinoides*)—The strong flower-stalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an elegant appearance to the hardy border. **Mixed Colors—Each, 15c.; doz., \$1.50; 100, \$10.00.**



Canterbury Bells (*Campanula Pyramidalis*).

## Delphinium

These old-fashioned flowers are now used very extensively in both private and public grounds, and they never fail to create splendid effects. About the only hardy blue flowers of any consequence. Our strain embraces light blue and dark blue shades. In ordering, state which you prefer. We can supply the *Fatiense*, a perpetual blooming hardy variety, with beautiful cut-leaf, feathery foliage and fine bloom of the intensest blue. **Each, 15c.; doz., \$1.50.**

**Eulalia** Beautiful, tall-growing ornamental grass. Perfectly hardy. Grows 8 feet high.

**Zebrina**—Beautiful green leaves, crossed at regular distances with broad bands of orange-yellow.

**Variegata**—Similar to Zebrina, but variations run lengthwise in colors of the leaves.

**Univittata**—Narrow dark green foliage; white mid-rib; very fine. Above, each, 15c.; doz., \$1.50; 100, \$9.00; Set of 3 for 35c.

**Funkia (Day Lily)**—A superb autumn flower desirable to plant on the side of lawns or at the edge of shrubbery. Succeeds in either sun or shade.

**Cordata**—Broad yellowish green leaves. Flowers waxy white; very fragrant.

**Variegata**—Leaves beautifully variegated yellow and green. Flowers deep blue.

**Coerulea**—Bloom dark blue. Broad glossy foliage.

**Aurea Maculata**—Young foliage is bright yellow.

Above, each, 15c.; doz., \$1.50; 100, \$10.00; Set of 4 for 50c.

## Gaillardia Grandiflora (Blanket Flower)

Among the most satisfactory of all hardy plants. Begins to bloom in early summer and continues until after the first frosts. Perfectly hardy. Flowers 2 to 3 inches across, with center of brownish red, while petals are shaded with rings of orange, crimson and red. Stems long; grand for cutting. Does well in any soil. **Each, 15c.; doz., \$1.50.**

**Gypsophila (Baby's Breath)**—A very graceful perennial. When in bloom, it forms a symmetrical mass of foliage about 2 feet in height and is completely covered with tiny white flowers, producing a beautiful gauze-like appearance. As a cut flower especially, if used with high-colored blooms, it is exquisite, and some very lovely effects are obtained. Can also be used in winter bouquets. **Each, 15c.; doz., \$1.50.**

## Hollyhocks

Tall, stately plants for the hardy border or for planting among shrubbery. Their superb flower-stalks grow from 4 to 6 feet high and form a bright spot wherever they appear. Very effective planted in masses. Ideal for back-grounds in connection with dwarf-growing perennials. They thrive best in rich, deep, well-drained soil and reward extra care bestowed upon them with extra fine flowers. A slight covering during the winter with dry leaves, boughs or other mulching material will prove beneficial. We can supply the following **Separate Colors:**

White Lemon Pink Red Maroon  
Each, 15c.; doz., \$1.50.

**Mixed Colors**—Our selection; very fine mixture. **Each, 10c.; doz., \$1.00.**

**Allegheny**—We offer a splendid lot of these **New Fringed Double-Flowering Hollyhocks**. Try them; they are fine. **Mixed Colors, each, 15c.; doz., \$1.50.**



Livingston's Prize Hollyhocks.



Livingston's Superb Delphiniums.

**Hibiscus (Crimson Eye)**—Robust grower; dark stems and foliage. Flowers large, sometimes 6 inches across; purest white, with large deep velvet-crimson spots in center. Perfectly hardy; blooms first year in open ground. **Each, 15c.; doz., \$1.50.**

## Japanese Iris (Iris Kaempferi)

Perfectly hardy. They attain perfection in moist soils or if watered freely during the growing season.

**Pius X**—Deep royal purple. Single. Very fine.

**Purity**—Single. Pure white.

**Dainty**—White and violet. Single.

**Yomo-no-umi**—The best double white.

**Ho-o-jo**—Deep purple, crimson shading. Double.

**Kuma-funjin**—Double. Ground white, with broad band of rosy lilac, veined white.

**Kan-ran**—White, veined with purple. Double.

**Uji-no-notaru**—Of a rich royal purple. Double.

Above Iris, each, 25c.; doz., \$2.50. The Set of 8 for \$1.60.

**Mixed Japanese Iris**—We have a large mixed stock of extra fine bulbs in best varieties and offer these at the following low prices: \$1.00 per doz.; \$2.00 for 25; \$7.50 per 100.

**German Iris (Iris germanica)**—The "Flags" of the old-fashioned garden. All Sorts, Mixed, 10c. each; \$1.00 per doz.; 25 for \$1.75; 100 for \$6.00.

## Lily of the Valley

Among the comparatively few flowers which may successfully be grown in shady spots, these lovely little flowers occupy easily first place. The shadier it is, the better they seem to thrive, and if, incidentally, the soil is moist, they have the ideal surroundings for best development. We have seen them grow in the densest shade of the woods, in city back yards where the sun would shine only a few minutes each day, and they seemed perfectly contented and did well. They will do well for anybody, and should be planted liberally, as they are among our most fragrant and beautiful flowers. Also fine for pot culture. Ten to 15 pips should be planted in a 5-inch pot filled with light soil, sand or moss. **Select Pips, each, 5c.; 6 for 25c.; doz., 40c., postpaid.** Strong clumps for outdoor planting, 30c. each. By express not prepaid.

## Lobelia Cardinalis

(**Cardinal Flower**)—One of the showiest of hardy flowers; large deep red blossoms along upper part of stalk; blooms from July until September; thrives in any garden soil, but prefers rich, moist locations; may even be planted in shallow water. **Each, 15c.; doz., \$1.50.**

## Lychnis Chalcedonica, fl. pl.

(**Maltese Cross**)—One of the best border plants we know. It grows from 2 to 3 feet tall and produces compact flower-heads of brilliant orange-scarlet color all summer. One of the finest bright red flowered hardy plants, unsurpassed for cutting and very desirable in every way. **15c. each; \$1.50 per doz.**

Mr. C. W. Good, Waynesboro, Franklin Co., Pa., writes:

"I have had a good deal of experience with seeds from different houses, and some very good houses. Your seeds, as I got them from you, head the list for reliability; indeed, in this complex age, it is wonderful that you can turn out such reliable products."





## Livingston's Superb Paeonies Most Popular of all Hardy Perennials

Paeonies will do well in almost any kind of soil, but love a deep, rich loam, which should be thoroughly enriched by digging in deeply a liberal quantity of well-rotted manure. The crowns should be covered by at least three or four inches of soil. They are gross feeders, and to insure the finest results they should be heavily top-dressed with manure each fall, digging it in in the spring. We grow at our True Blue Nurseries an enormous stock of the best Paeonies, which we offer at practically wholesale prices.

### The Best Named Double Sorts

**Agnes Marie Kelway**—Magnificent flowers, with light rose guards, yellow petaloids and rose tuft center. **Each, 30c.**

**Alexander Dumas**—Early brilliant pink flaked with white, salmon and chamois. **Each, 40c.**

**Arthemise**—Late, extra large, soft lilac-pink. Fine for bedding. **Each, 40c.**

**Charlemagne**—White, with lilac center. One of the most beautiful French sorts. **Each, 50c.**

**Delachei**—Dark velvety crimson-purple. Midseason variety of great size and extraordinary beauty. **Each, 50c.**

**Delicatissima**—Rose, changing to white. Very fragrant. **Each, 75c.**

**Duchesse de Nemours**—One of the best late whites. Elegant buds and flowers. **Each, 40c.**

**Eduis Superba**—One of the finest; brilliant pink, shaded violet. **Each, 35c.**

**Felix Crousse**—Ball-shaped, brilliant red flowers, flamed ruby in center. **Each, 60c.**

**Festiva Maxima**—The queen of the whites. Center petals flaked with carmine. **Each, 50c.**

**Gigantea**—Delicate rose-pink, dipped with silvery white. Very fragrant. **Each, \$1.25.**

**Officinalis Alba Mutabilis (Japan)**—Blush-white. **Each, 20c.; doz., \$2.00.**

**Officinalis Rosea (Japan)**—Beautiful rose-pink. Extremely brilliant and effective. **Each, 20c.; doz., \$2.00.**

**Officinalis Rubra (Japan)**—Magnificent brilliant glowing deep crimson. Very striking. **Each, 20c.; doz., \$2.00.**

One each of the three *Officinalis* described above. 50c. To encourage liberal planting, we offer the above three sorts at \$16.00 per 100 roots. 25 at 100 rate.

**Livingston's "Cream of Holland" Collection Superb Paeonies**

**TWELVE BEAUTIFUL SORTS FOR ONLY \$3.00.** Below we offer twelve sorts which we have selected from many hundred sorts as the finest that the Dutch nurseries produce. They are superb, and the extremely low price (less than 30c. each in the collection) should make the buying of a set very attractive.

**Berlioz**—Bright currant-red; center tinted rose.

**Canarie**—Guard petals flesh-white; center yellow.

**Lady Lenora Bramwell**—Silvery rose. Fragrant.

**L'Éclatante**—Deep carmine.

**Madame Forel**—Glossy pink, with deeper center.

**Mme. C. Levegas**—Soft rose, with salmon-pink center.

**Prices**—Strong Roots, each, 35c. (with the exception of Queen Victoria, which is 25c. each). The Collection of Twelve Sorts, one root each, for \$3.00.

**Paeonies in Distinct Colors**

Choicest sorts, with beautiful double flowers of elegant shape and delicate colors, are used in the make-up of these collections. **Best White, Pink and Crimson Shades. Each, 20c.; 3 for 50c.; doz., \$2.00, postpaid. By express, purchaser paying charges, each, 15c.; doz., \$1.50; 100 for \$12.00.**

**Livingston's "Regal" Paeony Collection**

**Duchesse de Nemours**—Sulphur-white, changing to pure white. **Each, 40c.**

**Irma**—Exquisitely dainty blush-pink; full flower. **Each, 35c.**

**Linne**—A large, very double, bright cherry red flower. Free bloomer. **Each, 40c.**

**PRICE**—"Regal" Paeony Collection, one

**Golden Harvest**—(See illustration above.) Soft pink, with clear yellow color. Beautiful. **Each, 50c.**

**Irma**—Blush-pink. Very double, of exquisite shape and fragrance. **Each, 35c.**

**Linne**—Large, very double, cherry-red flowers with fine, stiff, long stems. **Each, 40c.**

**Livingston**—The best late pink we know. A superb sort. (See illustration.) **Each, \$1.50.**

**Madame Crousse**—Pure white center, outside petals edged with carmine. **Each, 75c.**

**Madame Ducl**—Brilliant pink, with silvery reflex. **Each, 60c.**

**Madame Jules Calot**—Guard petals soft pink, center petals pinkish white. **Each, 75c.**

**Marie Lemoine**—Sulphur-white, shaded chamois; petals edged carmine. **Each, 75c.**

**Mathilde de Roseneck**—Soft flesh-pink, shading deeper toward center. **Each, 75c.**

**Meissonier**—Guard petals purple-amaranth, center deep crimson. **Each, 50c.**

**Modele de Perfection**—Flesh-pink, marked with bright rose. An ideal sort. **Each, 75c.**

**Monsieur Boucharlot Aine**—Bright pink, with lilac sheen. Very fine. **Each, \$1.00.**

**Monsieur du Ribert**—Bright violaceous red. Flowers extra large. **Each, \$1.00.**

**Mme. de Verneville**—Sulphur-white guards; rosy white center.

**Marie Dereaux**—Late pink, shaded flesh white.

**Monsieur Bastein Lepage**—Carmine and deep pink.

**Monsieur Krelage**—Bright currant-red, with amaranth center.

**Fulcherrima**—Violaceous pink, shaded salmon in center.

**Queen Victoria**—Fine white.

**Prices**—Strong Roots, each, 35c. (with the exception of Queen Victoria, which is 25c. each). The Collection of Twelve Sorts, one root each, for \$3.00.

**Meissonier**—Rich, deep crimson; flower large and very full. Remarkable for its brilliant coloring. Late. **Each, 50c.**

**Mme. Ducl**—Brilliant pink, with silvery reflex. Large, perfect, globular bloom; very fine; mid-season. **Each, 60c.**

**PRICE**—"Regal" Paeony Collection, one each of above 5 sorts, \$1.75, postpaid.



Livingston Paeony.



Bridesmaid.

Miss Lingard.

La Vague.

## Livingston's Profuse Flowering Hardy Phloxes

**Phlox decussata.** Next to Paeonies, hardy Phloxes are easily the most important of all hardy plants. With exceedingly free-flowering qualities they combine great hardiness, and they produce very showy panicles of flowers during a considerable length of time. Withal, Phloxes are not particular as to soil and location. Although a deep, rich loam is best for their perfect development, they will grow on a great variety of soils, and they appreciate any extra care and cultivation with which they may be favored by a liberal production of extra fine flower trusses.

Hardy Phloxes are a distinct feature of the hardy garden. Soon after the Paeonies finish their glorious flower shows, the earliest of the Phloxes appear. All of the sorts listed by us possess those characteristics which make them leaders among their brethren, and our patrons may feel perfectly safe to order any of these varieties or the complete assortment.

**Amabilis**—A grand variety; in color a beautiful deep cherry-red.

**Andreas Hoffer**—A splendid early flowering pure white. Very free flowering.

**Bridesmaid**—Pure white, with large crimson center; producing immense flowers on large trusses; very fine.

**Coquelicot**—Fine pure scarlet, with deep carmine eye; vivid.

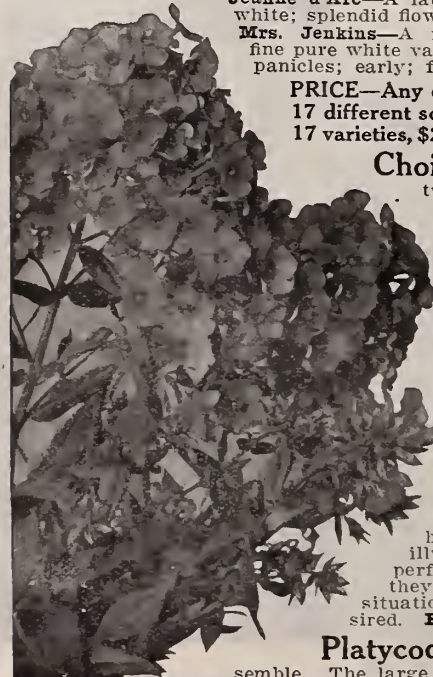
**Diplomat**—Light lilac, crimson eye; large flower and truss. Eclairer—Fine early purplish crimson; free bloomer.

**Eiffel Tower**—Clear salmon, purple eye; very fine.

**Flora McNab**—Pure snow-white; free flowering; late.

**Jeanne d'Arc**—A late flowering pure white; splendid flower.

**Mrs. Jenkins**—A new, exceedingly fine pure white variety; extra large panicles; early; free flowering.



B. P. Struthers.

### Miss Lingard

(See center illustration above.) Produces magnificent trusses of beautiful white flowers in June and blooms again in September and October. The best white Phlox in cultivation, of strong, vigorous habit of growth, free from insect attacks and plant diseases.

**La Vague**—Pure mauve, with claret eye; a superb large flowering sort; wonderfully free bloomer; considered by many the best Phlox in cultivation.

**Pantheon**—Bright carmine-rose; flowers and panicles very large; a strong grower and free bloomer.

**Purity**—Pure white; very large truss of flowers; extra.

**Ringleader**—Light magenta, with crimson eye; very fine.

**R. P. Struthers**—Rosy salmon, with carmine eye; one of the very best early sorts.

**Selma**—Lovely new sort of perfect form; soft pink, with large crimson center.

**PRICE**—Any of the above Phlox, fine pot-grown plants, each, 10c.; doz., \$1.00. Set of above 17 different sorts for \$1.25, postpaid. Field-grown clumps, 15c each; doz., \$1.50. The set of 17 varieties, \$2.00, postpaid. By express, not prepaid, \$10 per 100. 25 at the 100 rate.

### Choice Mixed Phlox

We have a large field of Phlox in mixed colors. Most of the choice named varieties we offer are in this mixture, together with many other desirable sorts. They embrace a great range of colors, including every tint and shade known in Phloxes. In order to clean up this mixed lot we have decided to offer them at bargain prices. Field-grown Plants, each, 10c.; doz., \$1.00; per 100, \$7.00.

### Livingston's Superb Collections of Hardy Phloxes

#### Fifty Cent Collection

**Coquelicot**—Best pure scarlet; very showy.

**Miss Lingard**—Best pure white; magnificent. Read description above.

**Pantheon**—Bright carmine-rose; elegant, bold panicles.

**R. P. Struthers**—One of the best; rosy salmon with carmine eye.

One each of these 4 beautiful sorts, strong, field-grown plants, for 50c. Not prepaid.

#### Dollar Collection

**Amabilis**—Cherry red.

**Coquelicot**—Fiery scarlet.

**La Vague**—Mauve, with claret eye.

**Miss Lingard**—Finest white.

**Pantheon**—Carmine-rose.

**R. P. Struthers**—Rosy salmon; carmine eye.

One strong, field-grown plant of each of the six magnificent sorts will be delivered free anywhere in the United States for One Dollar.

### Hardy Garden Pinks (Dianthus plumarium)

—Charming, old favorites of our gardens which combine unusual hardiness with great beauty and are exceedingly free-flowering. Beds like that illustrated on page 74 may be established inside of 2 years, and they will present a perfect mass of flowers from the middle of May until towards end of June. While they thrive well in any soil, a warm loam is best for them, and they like a sunny situation. Valuable for borders, rockeries, or wherever a bright, brilliant show is desired. Fine plants, all colors, 15c. each; \$1.50 per doz.

### Platycodon Grandiflorum (Chinese Bell Flower)

—The Platycodons are closely allied to the Canterbury Bells, which they very much resemble. The large bell-shaped flowers are very desirable. Rapid growers of easy culture; especially hardy. They form dense upright growing bushes, and bloom from June until frost. **Grandiflorum Album.** White. **Grandiflorum Mariesi.** Deep blue. Each, 15c.; 2 for 25c.; doz., \$1.50.

## Poppies

Few, if any, of the many hardy plants rival the Poppies in brilliancy. During June they present one gorgeous mass of vividly colored flowers, and the herbaceous border is incomplete indeed without a few clumps of them. They are of easiest culture and thrive well in any soil.

### Papaver Orientale (Oriental Poppies)

For gorgeous effect nothing can equal the Oriental Poppies and, whether planted singly or in masses, their superb, brilliant rich scarlet flowers, with black blotches, always attract universal admiration. The stems are from 2 to 3 feet high. They bloom with great freedom, are of enormous size and are perfectly hardy. **Fine Plants, 15c. each; \$1.50 per doz.**

### Iceland Poppies (Papaver Nudicaule)

Contains a splendid range of colors from pure white and pure yellow to orange-scarlet; elegant cup-shaped flowers on 12-inch stems; a profuse bloomer from June until frost. **Each, 15c.; doz., \$1.50.**

## Rudbeckia

**Golden Glow**—A grand, good, hardy herbaceous plant of easy culture. Averages 5 to 6 feet in height and forms large clumps in a year or two, which produce literally armfuls of rich, deep golden yellow flowers on long stems, in beautiful contrast with rich, dark green foliage. Fine for center of beds, along fences or as background. **Extra large clumps for immediate effect, \$1.**

**Sub-Tomentosa**—Pyramidal bushy plant, 2½ feet high. A mass all summer of lemon-yellow flowers with purple centers.

**Purpurea** (Giant Purple Cone Flower)—Flowers 4 inches across; reddish purple; brown cone-shaped center, studded with golden tips; 2½ feet. **Above, each, 15c.; doz., \$1.50.**

## Sweet William (Dianthus Barbatus)

These old-fashioned favorites have always been one of our most prized border plants. They are very elegant in large clumps. There is a great variety of rich colors, and the flowers are very fragrant. **Double and Single varieties, mixed, each, 10c.; doz., \$1.00.**

## Shasta Daisies

The Shasta Daisies have become wonderfully popular. They are perfectly hardy and bloom better and more abundantly each season. They are not particular as to soil. The flowers are extremely large and graceful—averaging about 3 inches across, with three or more rows of petals of purest glistening whiteness. **Fine plants, each, 10c.; doz., \$1.00.**

## Stokesia Cyanea (Cornflower Aster)

A valuable hardy bedding plant. The plants grow 18 to 24 inches high and produce their Bachelor Button-like, light lavender-blue flowers, which are 3 or 4 inches in diameter, from early in May until late in October, after the frost has destroyed almost all other flowers. It is very easily grown in almost any situation, but care should be taken that water and ice do not remain on the plants during winter. Desirable as single specimens in mixed hardy borders; may be used in larger masses with striking effect. **Fine Plants, each, 15c.; doz., \$1.50.**

## Sunflower

Hardy plants; are used effectively in shrubby border or lawns.

### Multiflorus Maximus

Five to six feet; large single golden flowers, 6 inches across; blooms from July until September. **Fine. Each, 15c.; doz., \$1.50.**

**Soleil d'Or**—Almost like a Dahlia, with its quill-shaped petals; double golden yellow flowers; 4 feet.

**Tomentosus**—A distinct variety; produces large single golden yellow blooms during August and September; 4 feet. **Above, each, 15c.; any 3 for 40c.**

**Tritomas** (Redhot Poker, Flame Flower, Torch Lily) These beautiful plants are most desirable and free flowering. Although hardy in most situations, a slight covering should be given at the coming of winter.

**Uvaria Grandiflora**—The old-fashioned late-flowering sort; spikes 3 to 5 feet high; flowers rich ochre-red. **Each, 15c.; doz., \$1.50.**

**Coralina**—A dwarf variety, about 2½ feet, producing abundantly from August to September medium sized spikes of rich rosy red flowers, shading to yellow. **Each, 25c.; doz., \$2.50.**

**Pätzerii**—The true Everblooming Flame Flower. Blooms practically all summer; 4 feet high, with heads of bloom a foot long. A very rich orange-scarlet, shading to salmon-rose at edges. **Each, 15c.**

**Violets** (Double Russian) Perfectly hardy; need no protection during winter. The flowers are large, very double, deliciously fragrant and of a deep shade of purple. **Fine Plants, each, 15c.; 2 for 25c.; doz., \$1.50.**

**Yucca Filamentosa** (Adam's Needle) A tropical looking plant, with long, sword-like leaves, that remain green the year round; flower stems 3 to 4 feet high, bearing a large spike of creamy white bell-shaped flowers. A fine plant for cemetery, lawns, backgrounds of beds and borders; hardy. **Good Roots, each, 25c.; doz., \$2.50.**



Shasta Daisies. Each, 10c.



Oriental Poppies.



Yucca Filamentosa.

## Livingston's Superb Water Lilies

The use of Aquatics is becoming more extended every year, as the ease of culture and the great beauty of the flowers and plants is better known. They grow naturally in ponds or in sluggish streams, but these conditions can be easily simulated in artificial ponds or tubs, and the result will be equally satisfactory. The cultivation of Water Lilies is of the simplest nature; their requirements are sunshine, water and plenty of rich soil. The best soil for growing them is rich, fibrous loam, with a liberal mixture of well-rotted cow manure. Rich mud from the bed of a pond or sluggish stream is also good. Full Directions for establishing Lily Ponds and for growing Water Lilies in tubs will be sent with each order. Interesting leaflet free upon application.

### Rare and Choice Hardy Nymphaeas

**James Brydon**—A new distinct and very superior sort. Beautiful cup-shaped flowers, 5 to 6 inches in diameter, with extra broad petals, concave and incurving; color rich rosy crimson, reverse of petals having a silvery sheen. Free and continuous bloomer, and just as desirable for growing in tubs as in the pond. **Each, \$2.50.**

**Wm. Doogue**—A grand Lily of pure and delicate coloring; flowers 5½ to 6 inches in diameter, beautifully cup-shaped and of an exquisite shell-pink color, with rich-pink sepals. A perfectly shaped flower of great substance, with petals of great width; free grower and continuous bloomer. **Each, \$1.00.**

**COLLECTION RARE AND CHOICE HARDY NYMPHAEAS—ONE EACH OF FOUR ABOVE VARIETIES, \$5.50**

### Selected List of Standard Hardy Nymphaeas

**Alba Candidissima**—A splendid vigorous variety, requiring ample space; flowers large, pure white, sepals occasionally flushed with pink. Continuous bloomer. **Each, 50c.; doz., \$5.00.**

**Laydekeri Lilacea**—An exquisite variety. Flowers soft rosy lilac, shaded bright carmine; tea-rose fragrance; very free flowering. **Each, \$1.50; doz., \$15.00.**

**Laydekeri Purpurata**—A superb variety; the flowers are very rich, being a rosy crimson, darker in the center, outer petals and sepals light rose, stamens reddish orange. **Each, \$1.50; doz., \$15.00.**

**Gladstoniana**—A grand variety, producing flowers 6 to 8 inches in diameter, of snowy whiteness; petals concave, broad and spreading, stamens yellow. Very robust, and requires ample space. **Each, 50c.; doz., \$5.00.**

**Odorata Superba**—A superior variety of the well known white Lily of our ponds and streams; very fragrant; white, with golden yellow center. **Each, 25c.; 3 for 65c.**

**Odorata Rosea**—(Cape Cod Pink Pond Lily)—Similar to *Tuberosa Rosea*, but much inferior, having a weaker constitution and poorer flowering habit. **Each, 50c.; doz., 5.00.**

**Marliacea Rosea**—Splendid sort; flowers large, deep rose color; young leaves purplish red, changing to deep green. One of the best pink Water Lilies. **Each, \$1.00; doz., \$10.00.**



Water Lily Pond, "True Blue" Seed Farm, Columbus, Ohio.

**Odorata Wm. B. Shaw**—Considered one of the best hardy Water Lilies under cultivation and the finest pink among the odorata. The color is a brilliant rose-pink, with clear yellow stamens. **Each, \$1.00.**

**Lucida**—Of free growth; good bloomer. Large star-shaped flowers of rosy vermillion; darker center, orange stamens. Leaves blotched reddish brown. Magnificent. **Each, \$2.00.**

**Marliacea Albida**—Flowers large, of dazzling whiteness; stamens light yellow, sepals flushed pink; blooms freely and continuously through the season; fragrant and very desirable. **Each, 50c.; doz., \$5.00.**

**Marliacea Chromatella** (See illustration above)—Favorite variety; flowers 4 to 6 inches across, bright yellow; petals numerous, broad, concave; stamens deep yellow; leaves deep green, beautifully blotched with brown. A free and continuous bloomer and vigorous grower, requiring plenty of room. **Each, 75c.; doz., \$7.50.**

**Robinsoni**—This fine variety is very distinct and striking. Foliage dark red on the under side, and deep green, spotted with chocolate on top. The large floating flowers are a rich deep orange red. **Each, \$1.00; 3 for \$2.50.**

**Tuberosa Rosea**—Flowers a dainty shade of pink, standing above the water. A good, vigorous grower, without being rank; a free bloomer. We recommend it in place of the Cape Cod Pink Pond Lily, which it closely resembles. **Each, 50c.; doz., \$5.00.**

**Tuberosa Richardsoni**—A magnificent sort. Flowers pure white, very double, stamens being converted into petals, more or less fluted in the center. The immense ball-like flowers, 8 inches in diameter, stand well above the water. **Each, 50c.; doz., \$5.00.**

### Aquatic Plants Suitable for Margins of Lily Ponds

**Cyperus Papyrus**—The true Egyptian Paper Plant. Stalks 5 to 8 feet high, topped with a tuft of long, thread-like leaves, which give the plant a graceful and striking appearance. **Each, 25c.**

**Pontederia Cordata**—(Pickerel Weed) A fine free-flowering plant, growing about 2 feet high and producing large spikes of closely set blue flowers. **Each, 15c.; doz., \$1.50.**

### Aquatic Plants for Fish Globes and Aquaria

**Anacharis Canadensis Gigantea**—A beautiful plant; grows under water; dark green leaves, light stems; of quick growth. **Each, 15c.**

**Cabomba Viridifolia** (Washington Grass)—A pretty submerged plant; leaves delicate and fern-like, brilliant, glossy green. **Bunch, 10c.**

**Water Hyacinth** (Eichhornia Crassipes Major)—Free-growing, floating aquatic; flowers a delicate lilac-rose. **Each, 15c.**

**Limnorchis Humboldtii** (The Water Poppy)—A beautiful aquatic, with floating leaves and yellow, poppy-like flowers. **Each, 15c.**

### Nelumbium Speciosum

(Egyptian Lotus) Superb flowers and magnificent foliage produce a splendid tropical effect. Flowers deep rose, a foot across. **Each, \$1.50.**

**Jussiaea Longifolia**—Erect foliage, slightly drooping at the points, and producing numerous yellow flowers. **Each, 25c.; doz., \$2.50.**

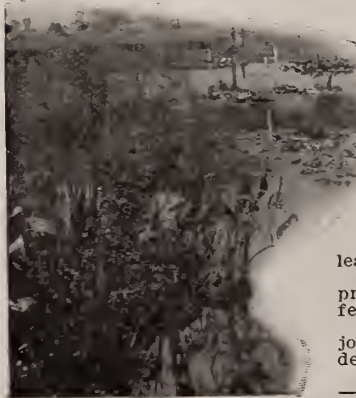
**Ludwigia Muleritti**—A submerged plant. Small leaves. **Each, 25c.**

**Myriophyllum Proserpinacoides** (Parrot's Feather)—Long, trailing stems, with exquisite foliage. **Each, 10c.**

**Peltandra Virginica**—(Water Arum) Greenish flowers. **Each, 15c.**

**Acorus Japonica Variegata**—(Variegated Sweet Flag) One of the finest aquatic plants. **Each, 25c.; doz., \$2.50.**

**Umbrella Plant** (Cyperus Alternifolius)—Easily grown. **Each, 15c.**



Cyperus Papyrus.

Leaflet, "HOW TO GROW WATER LILIES," free to all who are interested.



*Ampelopsis Veitchii*, Boston or Japanese Ivy.

**Bignonia Radicans** (Trumpet Vine) A splendid climber, with large scarlet trumpet-shaped flowers in August. Perfectly hardy. Each, 25c.; stronger Plants, 50c., 75c. and \$1.00.

**Celastrus Scandens** (Climbing Bitter Sweet) Fine, large leaves; yellow flowers and clusters of orange-capsuled fruit during fall. Very showy and ornamental. Each, 25c.

**Euonymus Radicans** Beautiful evergreen vine; clings readily to walls of all kinds. Each, 25c.

**Euonymus Radicans Variegata**—Of same habit as above. Leaves variegated. Each, 35c.

## Livingston's Profuse Flowering Clematis

The proud queen of all climbers, with its large, beautiful flowers of many colors, produced in profusion the entire season, is admired by everyone the world over. It is a rapid grower and delights in a heavy, rich soil and sunny position. In planting, throw out the soil to about one foot deep, placing some broken pots or bricks and bones in the bottom for drainage. Cover these with a few inches of soil; then form a mound in the center, over which spread out the roots of the plant, and fill in the soil, watering a few times as soil is replaced. Plant so that the crown of the roots will be three inches below the surface of the soil. Water freely, especially in dry times. Give plants a good top dressing of well-rotted manure late in the fall, and in the spring spade well and carefully into the soil, and you will be well repaid. The varieties listed herewith are those best adapted to our climate.

### Clematis Paniculata

(Sweet-Scented Japan Clematis)—One of the finest hardy climbers. Of rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers of medium size, pure white, borne in immense sheets; of a most delicious and penetrating fragrance. The flowers appear in late summer at a time when few other vines are in bloom. (See illustration.) Each, 20c.; doz., \$2.50. Some extra fine Specimen Plants, \$1.00 to \$2.00, according to size. (Will be sent with large ball of soil, well burlapped.)

**COCCINEA**—Bears small bell-shaped bright red flowers in great abundance. Blooms all season from June. Each, 20c.; 2 for 35c.

### Large-Flowering Clematis

**Jackmani**—Flowers dark, rich, royal purple; very free bloomers; best known and most popular.

**Henryi**—Best single-flowering white. Robust habit, fine bloomer; large, finely-formed flowers; very hardy.

**Sieboldi**—Extra large; a beautiful lavender; strong grower and very hardy.

**Ville de Lyon**—A valuable new variety; distinct new color; fine bright crimson; large flowers, which it bears profusely.

The above large-flowering Clematis, strong field-grown Plants, each, 40c.; the 4 for \$1.35.

**Clematis Integrefolia Durandi**—A beautiful new deep steel-blue large-flowering Clematis; non-climbing, growing 4 to 5 feet high. Flowering from June to October. Fine Plants, each, 50c.; 3 for \$1.25.

## Livingston's Graceful Hardy Climbers

What more charming can be imagined or what will add more touch of homelikeness to the surroundings than well-placed and well cared for vines? There is a peculiar sense of comradeship between the vines that so lovingly shelter and shade the porch, the summer house or the pergola, and the people who frequent these places and learn to know "that vine" and value it.

**Actinidia Polygama** (Dark-leaved Silver Vine) Beautiful heart-shaped foliage; white flowers, followed by yellow berries. Distinct and handsome. Each, 25c.

**Akebia Quinata** One of the best hardy climbers. Bears throughout the season numberless clusters of fragrant violet-brown flowers with a pleasant cinnamon odor; blooms early in spring, continuing several weeks. In good soil will grow 20 to 30 feet high, according to location. Plants, each, 15c.; 4 for 50c.

**Ampelopsis Quinquifolia** (Virginia Creeper or American Woodbine) Extremely hardy; rapid grower. Splendid for covering walls, old trees, etc. Foliage assumes beautiful shades in the fall. Each, 15c.; doz., \$1.50.

**Ampelopsis Veitchii** (Boston Ivy, or Japanese Ivy) The finest climber for training over brick walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, green heart-shaped leaves in summer, which change in the fall to the bright autumn colors. It likes a rich soil. Each, 20c.; 3 for 50c. Extra strong Plants, 35c. each.

**Apios Tuberosa** (Tuberous-rooted Wistaria) Blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Plant several bulbs close together to produce a large mass of foliage and flowers. Bulbs, each, 5c.; 5 for 20c.; doz., 40c.

**Aristolochia Sipho** (Dutchman's Pipe Vine) Magnificent, perfectly hardy vine of rapid growth, with very large heart-shaped leaves and brownish flowers resembling in shape a miniature pipe. Strong Plants, each, 40c.; 2 for 75c.



*Clematis Paniculata*, the prettiest of all the pretty Climbers.

## Honeysuckle

Among the most desirable hardy climbers. Grows with great freedom in any garden soil. Very desirable for porches. We can supply the following varieties:

**Hall's Japan (Halleana)**—An evergreen variety from Japan, frequently the leaves remaining on the vine until January. Flowers pure white, changing to yellow. Very fragrant.

**Japan Golden-Veined**—Foliage small, netted with yellow. Flowers white, sweet.

**Heckrothi**—Has yellow-throated, deep crimson flowers, produced in great abundance.

Above Honeysuckles, each, 20c.; doz., \$2.00.

**Hop Vine Common**—The old favorite of our grandmother's garden. A very rapid climber and perfectly hardy. Seed pods saved for many domestic purposes. Each, 10c.; doz., \$1.00.

**Hardy English Ivy** Invaluable on account of remaining green all the year. This variety has become very popular for covering graves, especially if in the shade where grass will not succeed. Also used for covering walls, etc. Large Plants, by express, each, 25c.; 2 for 45c.

**Kudzu Vine (Jack-and-the-Bean-Stalk Vine)** The rapid growth of this new Chinese hardy vine is simply marvelous—sometimes 12 inches a day. The large leaves of bright green afford a dense shade. The clusters of rosy purple, pea-shaped flowers, 6 or 7 inches long, are very fragrant, invaluable for rapidly covering arbors, verandas, fences, dead or old trees, rockeries, etc. Perfectly hardy; 50 to 75 feet when well established. Fine seedling Plants, each, 25c.; doz., \$2.50.

## Wistaria

A very popular hardy vine, rapidly growing up to 50 feet or more. It flowers early in the spring, and when in bloom is truly magnificent. Flowers in masses like a bunch of grapes. (See illustration from our own photo.)

**Wistaria Magnifica**—Superb racemes of beautiful flowers. Very strong Plants, \$1.50.

**Wistaria Chinensis—Blue.** A splendid flowering vine of extremely vigorous growth, which attains a great height if given support. The beautiful flowers of soft, dainty blue color are produced in pendulous racemes a foot or more long, in May before the leaves expand. They are produced in such great numbers as to form a bank of bloom. (See illustration.) Each, 35c.; stronger Plants, each, 75c.

**Wistaria Chinensis—White.** Similar in all respects to the above except the flowers are pure white and remain longer on the vine. A superb companion for it. Strong Roots, each, 50c.; stronger Plants, each, \$1.00.

Extra large specimen plants of White and Blue Wistaria may be had at \$2.00 each.



Honeysuckle, Hall's Japan.

## Bay Trees

These beautiful decorative trees are being more largely used every year. They impart an air of quiet dignity and simple elegance which no other plant can. Throughout Europe they are very popular, and as their usefulness becomes more generally known in America they are sure to be in greater demand. We have imported a splendid lot, and can supply fine trees with well-shaped heads. We have all sizes, and our prices will be found very reasonable.

### STANDARD OR TREE SHAPED BAY TREES

	Each	Pair
Stems 3 feet, heads 18 inches in diam...	\$6 00	\$11 50
Stems 3 to 4 ft., heads 22 ins. in diam..	9 00	17 00
Stems 4 ft., heads 28 ins. in diam.....	12 00	23 00
Stems 4 ft., heads 32 ins. in diam.....	15 00	28 00

### BABY BAY TREES

**NEW.** Our first importation of these European Novelties. Handsome, sturdy little beauties, just the thing for the formal garden, terrace, lawn and porch decoration. We have a very large stock of symmetrical little trees, in standard shape, from 2½ to 3 feet high, which we offer at \$2.75 each, \$4.50 per pair.

## Boxwood

There are no hardy shrubs which are more widely known than the Boxwoods. They are long lived, of dense, compact growth and have dark green, glossy leaves. They will grow in the shade or sun. For grouping, planting against house foundations, edging walks, for hedges, or in tubs for lawns, verandas and formal gardens they are unexcelled.

### PRICES PYRAMID SHAPED BOX TREES

2 feet high..Each, \$1.25; pair, \$2.00	Prices of Box-wood are by ex-press, the pur-chaser paying transportation.
3 feet high..Each, \$3.00; pair, \$5.00	
3½ feet high..Each, \$4.00; pair, \$7.00	
4 feet high..Each, \$5.00; pair, \$9.00	
5 feet high..Each, \$10.00; pair, \$18.50	

### STANDARD BOX TREES

We have the finest assortment of selected trees, with well shaped densely clothed heads, in several sizes from \$2.00 to \$5.00 each, by express, not prepaid.

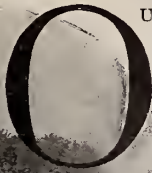
## Evergreens and Conifers

At our True Blue Nurseries we grow a selected line of the best Evergreens, which includes all the different varieties, shapes and colors. Lack of space forbids our giving a complete list in this catalog, but we will be glad to give full particulars in response to letters of inquiry.



Racemes of Chinese Blue Wistaria.

# Livingston's Choice Collection of Hardy Ornamental Trees, Shrubs, Etc.



OUR NURSERY DEPARTMENT is proud of the showing which it is able to make in this catalog. Last spring our business in nursery stock was larger than that of the former four years combined. Do you think this would have been the case if the stock we sold had not given thoroughly satisfactory results in every instance? Give us a chance to show you what we can do! We'll treat you fair and square, and you are sure to become one of the advocates of planting Livingston's "True Blue" Seeds, Trees, Shrubs, etc.

## Hardy Ornamental Shrubs

Our assortment of Hardy Ornamental Shrubs has been selected with a view to cover the season (early to late) in time of blooming. We can supply very fine specimen plants of all varieties for those who wish large shrubs for immediate effect. If you want extra large shrubs, send us your list for special quotations. To assist our customers in selecting collections of shrubs which will produce flowers continuously throughout the summer, we have indicated the season of blooming by numbers following the names, thus: (1) April blooming, (2) May, (3) May and June, (4) June, (5) June and July, (6) June to November, (7) August and September.

**About Prices** All prices on Ornamental Shrubs, Trees, and Herbaceous Plants are **net**, and plants can be sent by express or freight only, customers to pay the transportation charges. We have found that small plants, such as are sent by mail, do **not** give uniformly satisfactory results. Moreover, to keep the postage within limits, we are obliged to take most of the soil off the roots, and this is not good for the plants. Besides that, our plants have grown into such sturdy specimens that it is almost impossible to mail them. We know that you will be better satisfied with the stock you get by freight or express, and, in comparing our prices with those of others, keep in mind size and quality of plants you would get.

### Althea (Rose of Sharon)

(7) Strong, erect-growing shrub of the easiest cultivation. Bears large and showy flowers in early fall. Very desirable as an ornamental hedge plant.

- Totus Alba**—Single white.
- Rubra Plena**—Double rose. } Each, 25c.
- Coerulea**—Bright blue.

**Barberry (Berberis)** Used very extensively as hedge plants. They make nice specimen plants when planted single or in groups in the lawn. Hardier than California Privet.

**Thuobergi**—(3) A very pretty variety, of dwarf, graceful habit; foliage green, changing to a beautiful bright red early in fall; very showy. Each, 20c.; doz., \$2.00. Larger Size, 50c. each. For special quotations on Barberry Plants for hedges, consult page 119.

**Purple-Leaved**—(3) Each, 25c.; doz., \$2.50.

**Holly-Leaved**—(3) Large dark green leaves, which remain on the plant until well into winter. Each, 35c.

**Calycanthus Floridus** (Alspice, or Sweet Shrub) (4) An old-fashioned favorite. Grows in shade or full sun. Chocolate colored flowers of agreeable fragrance. Each, 25c.; doz., \$2.50.

### Hardy Azaleas (Azalea Mollis)

(2) There is no plant which has increased in popularity with such wonderful rapidity as the Hardy Azalea. The Azalea Mollis is perfectly hardy and very ornamental. The plants come in the dormant state, with the flower buds already formed; they will blossom the first spring. The flowers are large and comprise many beautiful shades, including straw-yellow, nankeen, rose, lemon, carmine, salmon and orange-red. The plants are from 18 to 24 inches high and have a ball of earth around the roots. **Fine Plants**, well set with buds, in assorted colors, each, 50c.; 4 for \$1.50. **Larger Size Plants** for immediate effect, \$1.00 each; 10 for \$9.00.

We cannot furnish Azaleas in separate colors. They come **MIXED**.

**Cydonia (Japan Quince)**—(1) These rank among the choicest of flowering shrubs. Bears pruning into any desired form. As single shrubs they are very attractive; also fine for borders or groups. The large, brilliant bright red flowers appear early in spring. Each, 35c. See page 119 for prices of large quantities for hedges.



Althea

### Cornus (The Dogwood)

(4) Vigorous, hardy shrubs, producing a wealth of showy flowers. Valuable for the shrubby border and one of the most attractive objects in winter time on account of the showy bark of the young branches.

**Sanguinea (Bed Branched)**—(4) Strong-growing species, with clusters of white flowers. The branches turn blood red in winter.

**Elegantissima Variegata**—Of a very rapid growth. Foliage is broadly margined with white. Bark turns bright red in winter.

**Lutea**—With yellow bark. Excellent sort.

**Spaethii**—One of the finest variegated yellows.

**Strong Plants of all the Cornus**, 25c. each; \$2.50 per doz.

### Tree Forms of Cornus

**C. Florida**—Native Dogwood. Small tree of graceful shape; white flowers before the leaves in spring, followed by scarlet fruit; foliage a fine red in autumn. 3 to 4 feet, each, 50c.; 4 to 6 feet, each, \$1.00.

**C. Florida Rubra**—Red-flowered Dogwood. Flowers a bright rose; very ornamental. 2 to 3 feet, each, 75c.; 4 feet, \$1.50.

**Deutzias** An extremely free-flowering and showy class of shrubs. They are of easiest culture and thrive in any well-drained soil. The flowers are borne in racemes from 4 to 6 inches in length.

**Candidissima**—(5) Very fine double white; free flowering.

**Crenata, Pride of Rochester**—(5) A distinct large flowered, double white variety; a vigorous, bushy shrub; 6 feet; very fine.

**Crenata Flore Pleno**—(5) Flowers double white, back of petals pink.

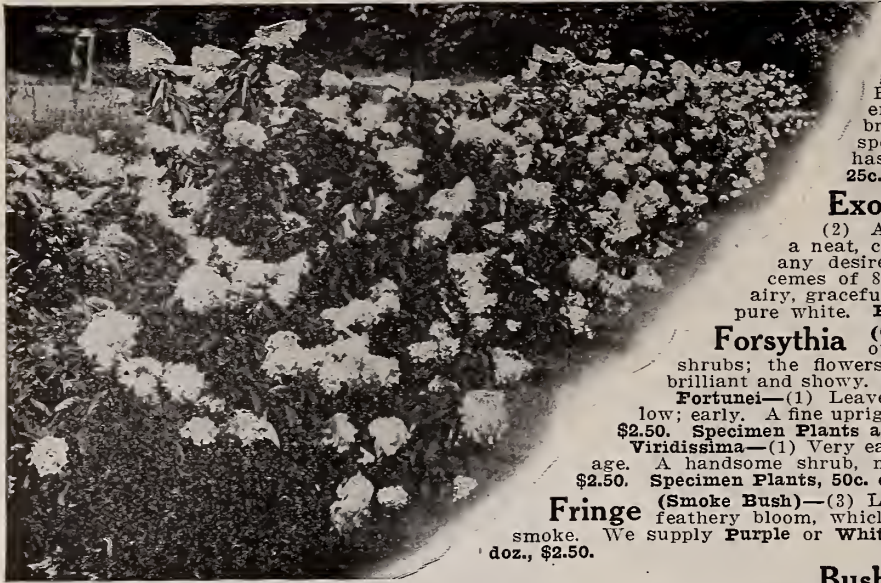
**Gracilis**—(4) Flowers white, single. Slender. 2 feet.

**Lemoinei**—(5) Flowers very large, in cone-shaped heads of from 20 to 30 flowers each; pure white, and a strong, vigorous shrub. One of the very best.

Above, each, 25c.; doz., \$2.50.



Azalea Mollis.

Hedge of *Hydrangea paniculata Grandiflora*.

**Japanese Maples** (*Acer polymorphum*) — Elegant dwarf trees with strikingly pretty foliage. Fine for lawns, where they make a beautiful show with their dark and variegated leaves. They are very hardy.

**Atropurpureum**—Maroon colored leaves.

**Aureum**—Bright yellow leaves.

**Atro Dissectum**—Purplish red, finely cut foliage.

Above three sorts, fine Plants, 12 to 18 inches high, 50c. each; the 3 for \$1.25. Larger size, about 2 feet high, \$1.50 each, 3 for \$4.00. Selected extra fine Specimen Trees, 2½ to 3½ feet high, for immediate effects, each, \$3.00; 10 for \$25.

## Hydrangea paniculata Grandiflora

(7) One of the most popular shrubs in cultivation today. Growing singly they make magnificent ornaments for the lawn. When planted in groups, they are truly regal in their splendor. When set out in groups, they should be about two feet part. The soil should be made very rich with well-rotted stable manure. In the spring trim so as to leave only about three inches of the previous season's growth. If extra large flowers are desired, trim out some of the weaker shoots after growth has commenced. Hydrangeas treated in this manner will produce a solid mass of immense panicles of bloom. They are absolutely hardy, and once planted are a permanent ornament to your grounds. Our field-grown bushes will bloom freely this year if planted in early spring. We have a very large stock of Hydrangeas and can supply them in any quantity.

Strong, field-grown Plants, 25c. each; \$2.50 per doz.; \$18.00 per 100.

### Tree Form of *Hydrangea paniculata*

Grown in standard or tree shape, it is especially showy and striking. It forms a graceful and dwarfish tree, not more than 8 to 10 feet in height. Immense trusses of bloom from the first of August until frost. It is entirely hardy and very easy to grow. 4 to 5 feet. Each, 75c.

### Magnificent New Hardy

### *Hydrangea arborescens Grandiflora Alba*

Immense snow-white panicles of blooms literally covering the bush; elegant, finely finished foliage; in full flower through June, July and August; absolutely hardy, standing 20 degrees below zero without the least injury.

This magnificent hardy American shrub is the finest addition to this class of plants found in many a year. The heads of blooms, which are of large size, and pure white color, are produced in marvelous profusion, covering the bush with a magnificent mass of glistening flowers. (See illustration from a photograph taken June 20.) The foliage is finely finished, lacking that coarseness found in so many of our best known shrubs. One of its most valuable characteristics is its coming into bloom just after the passing of all the early spring shrubs; while its long season, from early June through August, renders it doubly valuable not only to the florist for cut flowers, but also to the owner of a garden. The large heads of bloom are superb, and the habit of the plant is excellent. This splendid hardy shrub is bound to become a great favorite just as soon as its great value becomes known. We have a fine stock of this valuable shrub growing at our True Blue Nurseries and can offer it at the following very reasonable prices:

Strong Plants, each, 25c.; doz., \$2.50. Large Field-grown Plants, each, 40c.; doz., \$3.50.

## *Eleagnus longipes*

(2) A hardy, vigorous-growing shrub, with handsome foliage, dark green above, silvery white beneath. Bark reddish brown in winter; flowers bright yellow; fruit oblong, bright red, covered with small white spots, very attractive, is juicy and has a sharp, pleasant flavor. Each, 25c.; doz., \$2.50.

## *Exochorda grandiflora* (Pearl Bush)

(2) A vigorous-growing shrub, forming a neat, compact bush; can be trimmed into any desired shape. Flowers in slender racemes of 8 to 10 florets each, on light, wiry, airy, graceful branches; perfectly hardy; flowers pure white. Each, 25c.; doz., \$2.50.

**Forsythia (Golden Bell)**—Among the best of our very early spring-flowering shrubs; the flowers appear before the leaves. Very brilliant and showy.

**Fortunei**—(1) Leaves dark green; flowers bright yellow; early. A fine upright growing shrub. Each, 25c.; doz., \$2.50. Specimen Plants at 50c. each.

**Viridissima**—(1) Very early; bloom yellow; dark green foliage. A handsome shrub, native of China. Each, 25c.; doz., \$2.50. Specimen Plants, 50c. each.

**Fringe (Smoke Bush)**—(3) Large shrub, admired on account of feathery bloom, which covers the plant like a cloud of smoke. We supply Purple or White. Extra large Plants, each, 25c.; doz., \$2.50.

## Bush Honeysuckles

(*Lonicera tartarica*)—Very hardy and easily grown. Of vigorous growth and fine foliage. Flowers pink, striped with white, and sweet scented. Another attraction are the brilliant red berries that follow after the flowers are past.

**Lonicera Alba**—Creamy white, fragrant flowers.

**Lonicera Morrowi**—Pure white flowers, changing to yellow.

**Lonicera spinosa**—Distinct species, with red flowers.

Each, 25c.; doz., \$2.50. Some Extra Large plants, 50c. each.

CLIMBING HONEYSUCKLES—See page 114.

*Hydrangea arborescens Grandiflora Alba*.



## Kerria

(Globe Flowering, or Japanese Rose)

**Japonica** — (6) Grows 4 to 6 feet tall, with light green, sharp toothed foliage, which turns yellow in autumn. Numerous large, showy single yellow flowers make this bush one of the most attractive in the garden during the greater part of the summer and fall. Each, 25c.

**Japonica Flore Pleno**—The double flowered form of the above. A strong grower. Each, 25c.



## The Lilacs (Syringa) —

Beautiful and deservedly popular shrubs, which produce a wealth of showy, fragrant flowers during the spring and summer. They thrive in any fertile soil, but prefer moist situations.

**Mme. Lemoine**—(2) A splendid double white variety; a good grower and fine in every way. Each, 35c.; doz., \$3.50.

**Purple**—(2) The old purple variety. Each, 25c.; doz., \$2.50.

## Spray of Philadelphus Grandiflorus (Mock Orange Blossoms).

Beautiful and deservedly popular shrubs, which produce a wealth of showy, fragrant flowers during the spring and summer. They thrive in any fertile soil, but prefer moist situations.

**Japonica**—(2) The only one having tree form. Flowers are white, showy, in plumes 18 to 20 inches long. Very handsome when in bloom. Each, 35c.; doz., \$3.50.

**White**—(2) The old white variety. Each, 35c.; doz., \$3.50.

Large Plants of all the above varieties, 50c. each.

## Philadelphus (Mock Orange or Syringa)

Indispensable well-known hardy shrubs, prized for their beautiful foliage and white flowers. Everyone knows them.

**Grandiflorus**—(4) Blooms in May and June. Large spreading bush, with drooping branches. The common white, fragrant *Syringa*.

**Lemoine**—(4) Upright-growing sort; with white, fragrant flowers.

**THE NEW SPOTTED MOCK ORANGE (Philadelphus Purpurea Maculatus)**—A perfectly hardy shrub; grows compact and bushy. In color, white, spotted with a most beautiful rosy crimson. Deserves a place in every garden.

Fine Plants, each, 25c.; doz., \$2.00. Extra Strong Plants of all varieties at 50c. each.

**Prunus japonica (Flowering Almond)**—Dwarf, branching shrubs, growing 2 to 4 feet tall, with broad, deeply divided, bright green foliage. Double rose and white flowers are produced in greatest profusion during early spring. Each, 50c.



## Rhododendrons (Hardy Hybrid)

(3) These are among our grandest evergreen shrubs. Both in flowers and foliage they are very handsome, producing grand masses of brilliant flowers. We offer a carefully selected list of hardy varieties; very fine bushy plants, well set with flower buds; sure to bloom the first season. (See illustration.) Large, well-shaped plants with 12 to 25 buds.

**Album Elegans**—Pure white. **Parsons Gloriosa**—Blush pink.

**Roseum Elegans**—Clear rose. **Fastuosum fl. pl.**—Rosy purple.

**Caractacus**—Rich deep crimson.

Price, above, each, \$1.50. The Set of Five for \$6.50.

## Snowball (Viburnum)

One of the grandest shrubs. Growth upright and compact—6 to 8 feet. Foliage olive-green throughout the summer, but toward fall it turns much darker.



## Japanese Snowball (Viburnum Plicatum)

(3) A large and quick-growing shrub; most valuable either in groups or single. Flowers are immense and very double; of purest white, very showy. (See illustration.) Perhaps the best May-flowering hardy shrub. Each, 35c.; doz., \$3.50.

**Opulus Sterilis**—(4) Flowers pure white, in clusters, followed by bright red berries. Foliage handsome, the leaves being very broad and attractive. This is the common Snowball, familiar to everyone. Each, 25c.; doz., \$2.50.

**Opulus (High Bush Cranberry)**—(4) Upright shrub, 8 to 10 feet high; white flowers, followed by scarlet berries, which last all winter; very showy. Each, 25c.; doz., \$2.50.

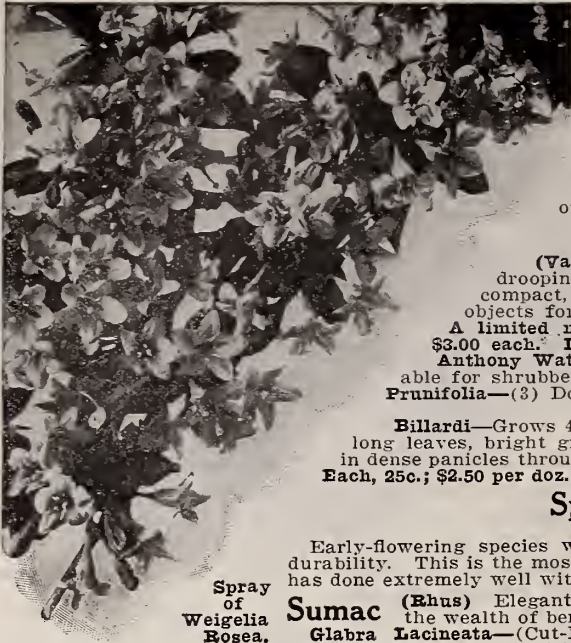
## Tree-Form of Snowball

(*Viburnum Opulus Sterilis*)—It bears great clusters of pure white, globular flowers, like real balls of snow, and is completely covered with bloom for weeks in the spring. Makes a small tree, and for door-yard, lawn or cemetery planting is unrivalled, as it is perfectly hardy everywhere. The leaves of this splendid Snowball are also very attractive, being a rich dark green, and not subject to insects or disease. 7 to 8 feet. Fine Specimen Trees, each, 75c. and \$1.00.

"True Blue" means very highest quality! It's found in everything we sell, whether seeds, bulbs, or nursery stock!

**Viburnum Plicatum (Japanese Snowball).**

Young Rhododendrons Around Base of Tree.



Spray  
of  
Weigelia  
Rosea.

## The Spireas (Spiraea)

Were we asked to name the prettiest spring-flowering shrub, we would be tempted to say "Spiraea Van Houttei." This is only one sort of this large group of magnificent free-flowering shrubs, which, in their season, form such striking features of the landscape. All are beautiful, compact-growing bushes of graceful appearance. They thrive best in moist soils, and prefer sunny situations. For forming hedges of remarkable beauty they are surpassed by no other kind of flowering shrubs. Of inestimable value in landscape work; fine as specimen bushes on the lawn.

### Spiraea Van Houttei

(**Van Houtte's Bridal Wreath**)—(4) A grand sort, with gracefully drooping branches. During May and June it is completely covered with compact, pure white flower heads. Quite hardy and one of the prettiest objects for hedges. Each, 25c.; doz., \$2.50. Larger Plants, 50c. and \$1.00. A limited number of extra strong Specimen Plants for immediate effect, \$3.00 each. Don't be late for the finest specimens.

**Anthony Waterer**—(6) A splendid bright crimson. Good foliage; most desirable for shrubby borders, as it does not grow over 2½ feet high.

**Prunifolia**—(3) Double white. **Thunbergi**—(1) Dwarf, compact. White flowers. Above sorts, 25c. each; \$2.50 per doz.

**Billardi**—Grows 4 to 5 feet tall. Shrub is upright, with brownish branches and oblong leaves, bright green above, pale or grayish beneath. Pink flowers are produced in dense panicles throughout the summer. Very showy and attractive; fine for bouquets. Each, 25c.; \$2.50 per doz.; larger plants for immediate effect, 50c. each.

### Spiraea Reevesii Flore Pleno

(**Lanced-leaved Double Spirea**)

Early-flowering species with handsome double white flowers of remarkable texture and durability. This is the most beautiful of the double Spireas and we recommend it highly. It has done extremely well with us. Each, 25c.; \$2.50 per doz.; larger plants, 50c. and \$1.00 each.

**Sumac (Rhus)** Elegant, low-growing shrub, remarkable for the beauty of its foliage and the wealth of berries which it bears in the fall.

**Glabra Lacineata**—(Cut-Leaved Sumac) Striking sort, with foliage resembling fern leaves. Leaves turn to rich red in the fall. Each, 35c.; doz., \$3.50.

### Tamarix Africana

(3) Hardy, graceful shrub of strong, upright growth. They do well in moist, sandy or loamy soils and are especially adapted for seaside planting and other moist locations where many other shrubs fail. Elegant feathery foliage and large, showy panicles of prettily fringed, pink flowers make these shrubs an object of just admiration the biggest part of the year. Very distinct.

Each, 35c.; doz., \$2.50.

### Weigelia

(**Diervilla hybrida**)

Handsome, tall growing shrubs with numerous spreading branches. They attain a height of 6 to 8 feet and produce large, showy, trumpet-shaped flowers which are borne in clusters and cover a wide range of colors. Of the great number of good varieties we have picked out the best and most distinct. All thrive best in loamy soils. Fine for hedges or planted singly as specimen shrubs on the lawn.

**Abel Carriere**—(6) Carmine-rose, yellow throat very fine, distinct.

**Rosea Nana Variegata**—Leaves margined white; flowers rose.

**Candida**—(6) Pure white; very fine.

**Eva Bathke**—(6) Rich purplish red bloom. Entirely distinct from all others. Very free bloomer the whole season.

**Rosea**—(5) Flowers very profusely, in various shades of rose and pink.

Above, each, 25c.; doz., \$2.50.

### Symphoricarpos

(**Coral Berry, or Indian Currant**) A grand shrub, producing a wealth of red berries, which remain on the bush all winter. Leaves bright green, often tinged with reddish purple when young. Each, 25c.; larger Plants, 50c. each.

**Snowberry (Symphoricarpos Racemosus)**—Pinkish white flowers, similar to above, but white berries. Each, 25c.; stronger Plants, 50c. each.



Spiraea Van Houttei in the Shrubbery Border.

When you plan extensive plantings, and live within a reasonable distance of Columbus, give us a chance to figure on your requirements. We'll gladly furnish you estimates, making DELIVERED prices on nursery stock in quantity.

## LIVINGSTON'S Thrifty Hedge Plants

Tear down that old fence of wood or iron and beautify your home grounds with "live fences"—hedges that will increase in size and beauty as the years roll by and improve in value instead of deteriorating, as artificial fences do.

### California Privet

(The Most Popular Hedge Plant)

This is conceded by all to be the "ideal plant for hedging purposes." Remarkable for the beauty of its almost evergreen foliage and strong, regular, symmetrical growth. The foliage is dark green, very glossy and wax-like; very hardy. It is not subject to insects or scale attacks, and will stand pruning to any extent at all seasons. Better than any other hedging plant that you can secure. Would space permit, we could fill many pages with illustrations showing the practical application of Privet hedges everywhere. No matter how humble the grounds or how magnificent the estates—well cared for Privet hedges will enhance their value.



A Beautiful Hedge of California Privet.

### Prices of California Privet

	Per 100	Per 1000
12-15 inches .....	\$2 50	\$22 50
18-24 inches .....	3 50	30 00
24-30 inches .....	4 00	37 50
30-36 inches, extra selected sturdy stock for quick results.....	5 00	45 00



### Transplanting Acres of Privet at Our True Blue Nursery

is the title of the accompanying illustration, reproduced from our own photo. So confident are we in the future of California Privet as a hedge plant that we set out many acres every year. This enables us to furnish stock of all sizes in any reasonable quantity. Hundreds of thousands of thrifty plants are growing in leaps and bounds at our nurseries, getting ready to beautify the grounds of our patrons.

## Other Fine Hedge Plants

### Privets (Ligustrum)

**AMOOE RIVER PRIVET**—With finer foliage of a lighter color than California Privet. White flowers are produced in white panicles. Nearly evergreen in the South.

15 to 18 inches—\$1.00 per doz.; \$6.00 per 100  
 18 to 24 inches—\$1.50 per doz.; \$10.00 per 100  
 24 to 30 inches—\$2.00 per doz.; \$15.00 per 100

**REGAL'S PRIVET (L. regelianum)**—Very ornamental and picturesque, especially when grown singly as a specimen plant. Branches spreading, almost horizontal. Of dense habit of growth.

12 to 15 inches, per doz..... \$1 00  
 15 to 18 inches, per doz..... 1 50  
 18 to 24 inches, per doz..... 2 00  
 Specimens, 25 to 75c. each.

**IBOTA PRIVET (L. ibota)**—Lustrous green foliage, gracefully arching branches. White flowers, followed by black berries. Highly ornamental.

Large, bushy Specimen Plants, each., 50c. Extra fine Specimen Plants, each, \$1.00.

### Japanese Barberry (Berberis Thunbergi)

(See illustration of hedge below.)

For low-growing, dense hedges, we know of no better plant. Exceedingly graceful in habit and highly ornamental at all seasons. Light green foliage, which turns to many brilliant hues of orange, scarlet and crimson in the fall. Brilliant red berries adorn the bushes all winter.

Strong, well-branched Plants, 12 inches, \$1.25 per doz.; \$3.00 per 100. 15 inches, \$1.50 per doz.; \$12.00 per 100. 18 inches, \$2.00 per doz.; \$15.00 per 100.

### Japanese Flowering Quince

(*Cydonia japonica*) Grows rapidly, forming elegant hedges, 5 to 6 feet tall, in a comparatively short time. Bright, glossy foliage; handsome, showy flowers and brilliant scarlet berries make it attractive at all times. Stands severe pruning well. Doz., \$2.00; 100, \$15.00.

### The Rugosa Roses (Rosa Rugosa)

(See background in illustration)

Sturdy bushes 3 to 5 feet high, 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.

Single Red, Single White, Double Red, Double White, 2-year-old Field-grown Plants, doz., \$3.00; 100, \$20.00.



Berberis Thunbergi in Hawthorne Park, Columbus.

## Ornamental Flowering Trees

**Bechtel's Double-Flowering Crab Apple**—The handsomest of all. It produces small, rose-like, fragrant blooms in great abundance. It is very easy to grow, hardy and blooms when quite small. 3 to 4 feet. Each, 50c. and 75c.

**Double-Flowering Cherry**—Strikingly beautiful small trees, covered with double flowers like little roses; of the most beautiful pink. 3 to 4 feet. Each, 50c. and 75c.

**English Hawthorns**—These make formidable hedges in a short time; are largely used as single specimens on the lawn. Very free flowering and ornamental. We offer them in two colors, White or Red. 3 to 4 feet. Each, 50c.

**Double-Flowering Peach**—Magnificent little trees that wrap themselves in bloom quite early in the spring. We supply two colors, White or Pink. 3 to 4 feet. Each, 40c.

**Ever-Blooming Magnolias**—Among the Magnolias are found our very showiest and probably the most popular early-flowering hardy small trees. We offer two very fine varieties that will be found satisfactory.

**Alexandriana**—Very fine for lawn planting, contrasting beautifully with the green. White, cup-shaped flowers.

**Soulangeana**—Almost identical with Alexandriana, except that it blooms about a week later, or early in April. No shrub or tree is more elegant. Above two Magnolias, 3 to 4 feet, \$2.00 to \$2.50.

## The Best Ornamental Shade Trees

**Catalpa Bungei** A dense, round-headed species with beautiful, broad foliage. Very ornamental wherever planted, but particularly suitable for home grounds. 1-year-old Trees, \$1.50; 2-year-old, \$2.50; 3-year-old, \$4.00. Specimen Trees, with large heads, giving immediate effect, \$5.00.

**Catalpa Speciosa** (Western Catalpa)—Very attractive, dark green foliage and extremely showy flowers during May and June. Most effective as specimen tree on the lawn. Widely planted as a timber tree on the Western prairies. Symmetrical Trees, \$1.00 to \$3.00 each.

**Catalpa Speciosa Seedlings**—A fine lot of sturdy, young plants; just the thing for extensive planting. 12 to 18 inches, 75c. per 100; \$6.00 per 1000. 18 to 24 inches, \$1.00 per 100; \$8.00 per 1000.

### The Elms

**American Elm** (*Ulmus americana*)—Rapid grower, straight and trim. Specimen Trees, 10 to 12 feet, \$1.50; 2½ to 3 inches diameter, \$3.50.

**Scotch Elm**—Beautiful tree, with spreading crown. Leaves of much darker texture than those of *U. americana*. Specimen Trees, 10 to 12 feet high, 1 inch diameter, \$1.25; 12 feet high, 2½ to 3 inches diameter, \$3.00; 14 feet high, 3 to 4 inches diameter, \$6.00.

**Weeping, or Camperdown Elm**—A distinctly beautiful tree, with gracefully drooping branches. Forms a perfect umbrella-shaped head. Elegant Specimen Trees, \$2.50, \$5.00, \$7.50 and \$10.00.

**Purple Leaved Elm** (*Ulmus montana purpurea*)—English species; handsome purplish foliage. \$1.50 to \$3.50 each.



Catalpa Bungei.

### The Maples (Acer)

Among the finest of our shade trees, distinct, beautiful and adapted to a great variety of soils.

**Norway Maple** (*A. platanoides*)—Splendid street tree, but equally desirable for landscape work or as specimen tree on the lawn. It grows quickly to good size, forming a beautiful, well-rounded head of great symmetry. (See illustration below from our own photo.) 8 to 10 feet, 1 inch diameter, \$1.25; 10 ft., 1½ to 2 in. diam., \$2.00; 12 ft., 2½ to 3 in. diam., \$3.50; 12 ft., select Specimen Trees, \$5.00.

**Rock or Sugar Maple** (*A. saccharinum*)—Slow grower, but develops into magnificent, stately specimens. Elegant as a lawn tree, ornamental as a street tree. 8 to 10 feet, 1 inch diameter, \$1.25; 10 ft., 2½ in. diam., \$2.50; 12 ft., 2½ to 3 in. diam., \$3.50.

**Silver Maple** (*A. dasycarpum*)—Grows quickly, thrives in any soil. A grand shade tree for all purposes and all situations. 8 to 10 feet, 1 inch diameter, \$1.00; 10 ft., 1½ in. diam., \$1.50; 12 ft., 2 to 2½ in. diam., \$2.50; 12 ft., 2½ to 3 in. diam., \$3.00.

**Wiers Cut-Leaf Weeping Maple** (*A. saccharinum wieri*)—Great favorite, with pendulous branches and deeply lacinated foliage. Superb as a lawn tree. 10 to 12 ft., \$1.50 each.

### Lombardy Poplar (*Populus deltoidea*)

Very picturesque tree of tall, columnar form. Grows very rapidly and is hardy everywhere. 10 to 12 feet, \$1.00; 12 to 14 feet, \$1.50; Specimen Trees, 2½ to 3 feet diameter, \$3.00.

**CAROLINA POPLAR** (*P. carolinensis*)—Popular street tree. Makes quick growth. Should be pruned severely the first few years. 6 to 8 feet, 50c.; 8 to 10 feet, 75c.; 10 to 12 feet, \$1.00. Larger Specimens, 1½ to 2 in. diam., \$2.00.

### Various Other Shade Trees

**Cut Leaf Alder** (*Alnus glutinosa imperialis*)—Handsome tree, with long, narrow foliage. 10 to 12 feet, \$1.50.

**Cut Leaf Birch** (*Betula alba laciniata pendula*)—Superb lawn tree, with showy bark and gracefully drooping branches. 8 to 10 feet, \$1.50; 10 to 12 feet, \$2.00.

**Scotch Birch** (*Betula alba*)—Graceful and hardy, with beautiful bark. 12 feet, \$2.00.

**Maidenhair Tree** (*Ginkgo biloba*)—Very characteristic tree, with long, hairy-like foliage. Native of China. Each, \$1.00.

**English Walnut** (*Juglans regia*)—Extensively grown for its nuts, which bring highest prices. As a shade tree it has few superiors. Price, 3 to 4 feet, \$3.00; 4 to 5 feet, \$4.00; 5 to 6 feet, \$5.00.

**Russian Mulberry** (*Morus alba tartarica*)—Very hardy, low-growing tree. Each, 75c.

**Teas' Weeping Mulberry**—A very ornamental, rapid-growing tree, with umbrella-shaped head and long, willow branches reaching quite to the ground. Grows in any soil. Each, \$2.50.

**Sycamore or Plane Tree** (*Platanus occidentalis*)—Better known as "Buttonwood" because it sheds the bark every spring. Grows very tall and is one of our most imposing trees. 8 to 10 feet, \$1.50.

**Pin Oak** (*Quercus palustris*)—Handsome trees, with drooping branches and deeply lobed foliage. Forms dense heads of shapely outline. Price, 6 to 8 feet, \$1.50; 8 to 10 feet, \$2.50; 10 to 12 feet, \$4.00. Larger sizes, \$5.00 to \$10.

**American Linden, or Basswood** (*Tilia americana*)—A grand tree, with broad, round dome. One of the finest trees for all purposes. 8 to 10 feet, \$2.00.



Norway Maple.

# Livingston's Selected Fruit Trees

According to our custom, we have avoided long lists of the various fruits, listing only those sorts which have been proven satisfactory in every respect. All fully tested at our True Blue Nursery. We sell bright, healthy trees and no others. When planted, all fruit trees should have one-half of last season's growth cut back, and they will be sure to thrive. Nothing is more injurious to newly-planted fruit trees, especially to those which have made very vigorous growth the year before, and have long shoots of new wood, than to leave the tops at full length. Do not be afraid to cut. We would request our customers to send us their orders for Fruit Trees just as early in the spring as possible, which will enable us to make shipments promptly when the planting season arrives. Fruit Trees cannot be mailed, but must be sent by express or freight at the purchaser's expense. Special prices quoted on very large quantities.

## Apples

**BEN DAVIS**—A very handsome winter apple. The trees are productive, fruit red, of good size and fair quality. Very profitable and a ready seller because of its fine appearance. Keeps until May. Needs a long season and does best in a warm climate.

**BALDWIN**—Large, bright red, crisp, juicy and rich. Tree vigorous and productive. One of the best winter apples.

**DUCHESS OF OLDENBURG**—A beautiful Russian Apple; skin yellow, streaked with red, with a faint blue bloom; flesh juicy and good. Tree a vigorous grower and a young and abundant bearer. Good autumn sort.

**GRIMES' GOLDEN**—A medium-to-large winter apple of beautiful golden color and of the highest quality.

**MAIDEN'S BLUSH**—Large; flat; pale yellow, with a red cheek; beautiful and pleasantly flavored. Valuable fall sort.

**NORTHERN SPY**—Large; striped, and quite covered with dark crimson. Juicy, rich and highly flavored. One of the finest winter keepers.

**NORTHWESTERN GREENING**—Large, nearly round, smooth; often green, but yellow when fully ripe. Flesh yellow, juicy, sub-acid and of good quality. Winter sort.

**STARK (Fruit of Maine)**—An early winter sort. Fruit large and valued for its long keeping; skin greenish yellow, shaded and striped with red and thinly covered with light brown dots; flesh yellow, moderately juicy, mild.

**SWEET BOUGH**—A fine summer Apple; large; pale yellow; sweet, tender and juicy; a most abundant bearer.

**TRANSCENDENT CRAB**—A very superior Crab Apple; color red and yellow; a remarkably strong grower and most productive; ripens in September.

**WEALTHY**—A fall variety of great hardiness and good quality; fruit of medium size, roundish and dark red.

**YELLOW TRANSPARENT**—A summer sort; of medium size, roundish, slightly conical; skin pale yellow when ripe; juicy and fine flavored.

Prices, above Apples (5 to 6 feet), each, 50c.; 10 for \$4.00.

## Cherries

**BLACK TARTARIAN**—Very large; a purplish black; flavor mild and pleasant. Ripens about July 1; one of the most popular sweet Cherries.

**DYHOUSE**—A very popular Cherry of medium size; deep red, juicy, tart and well flavored. As good as the Early Richmond, and ripens about one week earlier. Very productive.

**EARLY RICHMOND**—A medium sized sour variety; light red in color; hardy, prolific and dependable; ripens in June; fine for cooking.

**GOV. WOOD**—Light red, sweet Cherry; ripens last of June; tender, delicious; vigorous and productive variety.

**LATE DUKE**—A large, light red, sour Cherry; very robust grower. Most valuable variety; ripens end of July.

**MONTCOENRY**—One of the best large, red, sour Cherries, for home use or market. Fine quality; hardy and productive. Ripens in July.

**MOELLE (English)**—Large, dark red, nearly black; tender, juicy, sub-acid. Valuable for preserves. Tree small, slender growth, productive. July and August.

Above Cherries (5 to 6 feet), each, 75c.; 10 for \$6.50.

## Pears

**BARTLETT**—The best known popular summer variety; for home use or market. Quality superb; bears young and abundantly.

**CLAPP'S FAVORITE**—A fine summer variety, resembling the Bartlett; large; color yellow, with russet specks; gather the fruit before fully ripe.

**DUCHESS**—One of the largest and best of our autumn Pears; golden yellow; flesh melting, juicy and fine flavored.

**FLEMISH BEAUTY**—Large, pale yellow, with brownish cheek; melting and delicious. Tree vigorous; bears young and abundantly; one of the most hardy. Sept. to October.

**KIEFFER**—Large; rich golden yellow, sprinkled with dots and tinted red; juicy, with quince flavor; good for canning; sure cropper. October.

**LAWRENCE**—A most reliable early winter variety; prolific, healthy and hardy. Fruit medium to large, obovate, golden yellow; fine quality.

**SHELDON**—An autumn Pear of first quality. Large, round; russet and red; melting, rich and delicious.

**WILDER**—A fine summer Pear. Medium to small in size; greenish yellow, with a brownish red cheek; handsome, melting and sweet.

**WODDEN'S SECKEL**—The standard of quality in a Pear; small, but of the finest flavor. Fine autumn variety. Above Pears (5 to 6 feet), each, 60c.; 10 for \$5.00.

## Dwarf Pear Trees

Just the thing for small, private gardens. Of compact growth. Will bear in 3 to 4 years. The following standard sorts: Bartlett, Clapp's Favorite, Duchess, Lawrence, Seckel and Wilder. Price, 75c. each; any 6 for \$4.00.

## Peaches

**CHAB'S CHOICE**—A fine freestone sort; color deep yellow, with a red cheek; ripens in September.

**CHAMPION**—A large, handsome, creamy white variety, with red cheek; sweet, rich, juicy, freestone. August.

**CROSBY**—Fruit medium in size, roundish, slightly flattened; color bright orange-yellow, streaked with carmine. Hardy, productive and a fine freestone. September.

**CRAWFORD'S LATE**—Very large, yellow, with a fine red cheek; flesh deep yellow, red at the stone; excellent. Last of September. Freestone.

**CRAWFORD'S EARLY**—Same as above. Ripens earlier.

**EARLY RIVERS**—Large; color creamy white, with pink cheek; quality especially rich; delicious. August. Freestone.

**ELBERTA**—Most reliable; large; color golden yellow, with red cheek; firm, juicy and of finest quality; hardy and productive freestone. September.

**GREENSBORO**—The largest of the early freestones; crimson; flesh white, juicy and of fine quality. July.

**HEATH CLING**—Very large, flesh white, juicy and melting. Good keeper and shipper. October.

**LEMON FREE**—Lemon shaped and color; large size; immensely productive, excellent quality. September.

**MOUNTAIN ROSE**—A large, red, freestone Peach; flesh white, juicy and good; vigorous and productive. August.

**SMOCK (Beer's Smock)**—Large, orange red or yellow; flesh red at the stone, moderately juicy and rich; very productive; valuable late market variety. First of October.

Above Peaches (4 to 5 feet), each, 50c.; 10 for \$4.00.

## Plums

**ABUNDANCE**—Beautiful lemon-yellow ground, nearly overspread with bright cherry and with a heavy bloom; large to very large, oblong, tapering to the point. Flesh orange-yellow, melting, rich and highly perfumed; abundant and annual bearer. Tree very vigorous. August.

**BURBANK**—Large and beautiful, clear cherry red, with a thin lilac bloom; flesh a deep yellow, very sweet, with a peculiar and very agreeable flavor. End of August.

**CLIMAX**—One of Burbank's latest and best. Fruit is heart shaped, larger than Wickson and more highly colored. Very fragrant, delicious, and prolific. Early.

**GERMAN PRUNE**—A valuable Plum for fair quality for dessert, but most esteemed for drying and preserving. Fruit long, oval, purple, with a thick blue bloom. Flesh firm, sweet and pleasant. September.

**IMPERIAL GAGE**—Large; oval; greenish; flesh juicy, rich and delicious; parts from the stone. August.

**LOMBARD**—A great favorite; medium size, oval; violet-red; flesh yellow, juicy and pleasant; a splendid bearer. Ripens in September.

**MOORE'S ARCTIC**—A hardy Plum. Tree healthy, vigorous; an early and abundant bearer. Fruit medium; skin purplish black, thin blue bloom; flesh greenish yellow, a little coarse, juicy, sweet. Ripens early in September.

**SHERBROOK DAMSON**—A medium sized, dark purple variety; esteemed for preserving. Tree vigorous and very productive. October.

**WICKSON**—A sturdy, upright grower. Fruit remarkably handsome, deep maroon-red, covered with a white bloom; stone small; flesh fine, texture firm, sugary, delicious. Excellent keeper and shipper.

**YELLOW EGG**—Large, beautiful egg shaped yellow Plum, well known. The flesh is yellow, slightly coarse and clings somewhat to the stone. August.

Above Plums (5 to 6 feet), each, 60c.; 10 for \$5.00.

## Quinces

**BOURGEAT**—We believe this to be one of the finest Quinces ever offered. It is of the finest quality, tender; ripens right after the Orange Quince and keeps until past mid-winter. Fruit very large, has a rich, golden color.

**CHAMPION**—A prolific and constant bearer; fruit averaging larger than the Orange Quince and more oval in shape. Quality fine, but ripens somewhat later.

**ORANGE**—Large; roundish, with short neck; of a bright golden yellow color. Very productive, and of finest quality.

Prices of above Quinces (fine, stocky plants), each, 50c.; 10 for \$4.00.

## Livingston's Selected Small Fruits

On this and the two following pages we offer a selected list of Small Fruit Plants which we have found most generally satisfactory throughout the country. Avoiding a long list, which only puzzles the purchaser, we endeavor at our True Blue Nursery to grow the best sorts, and to introduce new varieties as fast as fully tested and approved.

Although we can usually supply Small Fruit Plants until about the middle of May, we would request our customers to send us their orders by April 15th, or before, with instructions when to ship. When too late in the season for correspondence, in case we should be sold out of any sort, we substitute similar equally good, if not better, kinds, unless advised to the contrary.

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.

Errors, with our system, rarely occur. When they do, we gladly rectify them, if notified at once.

Guarantee.—The plants being propagated in special beds, and labeled when taken up, it seems almost impossible to make a mistake; but if it does occur, we are not to be held responsible for any damages beyond the cost of the plants.

Results.—We have no control over plants after delivery, in good shape, for transportation; hence we cannot guarantee any results whatever. Our responsibility ceases when delivered to express company or freight station for shipment.

## Livingston's Reliable Strawberry Plants



A Box of Berries.

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. Unleached wood ashes are especially good; ground bone is also fine

All the varieties here offered have perfect flowers, except those marked imperfect. The imperfect-flowering sorts will not produce well unless every fourth or fifth row is set with a perfect-flowering variety. Be careful about this.

### The Best Standard Strawberries

STRAWBERRY PLANT PRICES.—All varieties below: By mail, postpaid, dozen, 30c.; 50 for 45c.; 100 for 85c. By express, not paid, 100, of any one kind only, 60c.; 500, of any one kind only, \$2.25; 1000, of any one kind only, \$4.00. Special rates on several thousands. Write us before buying.

**BEDERWOOD**—An exceedingly valuable early Strawberry. The plant is faultless, of healthy, vigorous growth and an enormous bearer, perhaps equal to any of the pistillate sorts in this respect; the berries are of large size, of regular roundish form, light scarlet, of excellent quality, remaining in fruit a long time. Early.

**WM. BELT**—One of the very best mid-season to late berries for table use; is a giant as regards size and very productive. The color is bright red, and the quality fine. A most excellent berry to ship. The plant is a strong and robust grower. All in all a very fine sort. Mid-season.

**PARSON'S BEAUTY**—A most valuable berry. Very symmetrical, large and showy; dark red in color, with no white tips. Foliage strong, rank and spotless; no rust at all. A good, heavy bearer, and by many good growers it is rated as one of the very best market berries. Mid-season.

**CLIMAX**—One of the very earliest, besides being large berried and enormously productive. The fruit is firm, of good flavor; good, medium red color; in fact, all anyone could desire. All who have seen it agree that it is a most luxuriant grower; so healthy and vigorous is it that it ripens the last berry, and has a very long season. Early.

**SAMPLE (Imperfect)**—Berries are large, round, very dark, rich crimson. Flesh firm, dark, rich, juicy, of splendid quality. Productiveness, fine form, handsome appearance and high quality make it one of the best. The plant is large and healthy and makes plenty of runners; a sure bearer. Medium to late.

for strawberries. Do not plant deep, but be sure to press the soil very firmly about the roots of the plants. Should the weather become suddenly warm, shade valuable plants for a few days with a handful of coarse litter over each plant.

Our facilities for growing fine, robust Strawberry Plants could not be improved. We have suitable soil for it, and a complete system of irrigation; so dry weather has no terrors for us at our True Blue Nursery. Our efforts are concentrated wholly in raising strong plants. We grow no fruit, which would greatly lower the quality of our really superb stock.

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.

When ordering Strawberry Plants, kindly always state your second choice of varieties—in case we should be sold out of any sort—when too late in the season for correspondence. We substitute similar equally good, if not better sorts, unless advised to the contrary.

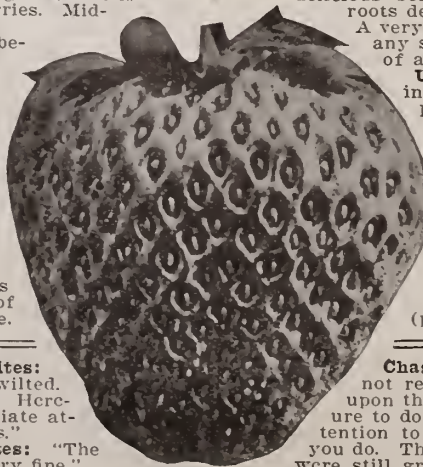
**EARLY BEAUTY**—The very earliest to ripen. Bears a good crop of bright red, nearly round, good sized berries. That are firm and of good quality; very red through to center. Very sour. A good grower; productive.

**BRANDYWINE**—Perhaps the best known of all the late varieties; this fine berry is grown successfully in all parts of the country; in fact, it is so widely popular everywhere that it hardly needs any description. The plant itself is of good size, makes plenty of runners, and is generally healthy and productive. The fruit is large and heart-shaped, very firm and of good quality and color. The large part of the crop comes late. It is always a safe and sure variety to plant. Late.

**FAIRFIELD**—Another of the earliest sorts; a large, firm, delicious berry of the greatest productiveness. Its roots deep, and therefore does well on dry land. A very strong grower, and has never yet shown any sign of rust. One of the most profitable of all the very early varieties.

**UNCLE JIM**—This grand variety belongs in the front rank. Strong grower and rust proof. Season late—a little earlier than the Gandy—and may be picked in four or five weeks; every berry is a perfect one to the last; they are exceedingly productive. A No. 1 shipper; large size, fine color and of excellent flavor; ripens evenly. Late.

**WARFIELD (Imperfect)**—A grand berry and might well head the list of standard sorts. Regular in shape; dark red; a great market variety. For best results should be planted with every third row a strong staminate (perfect) variety. Early.



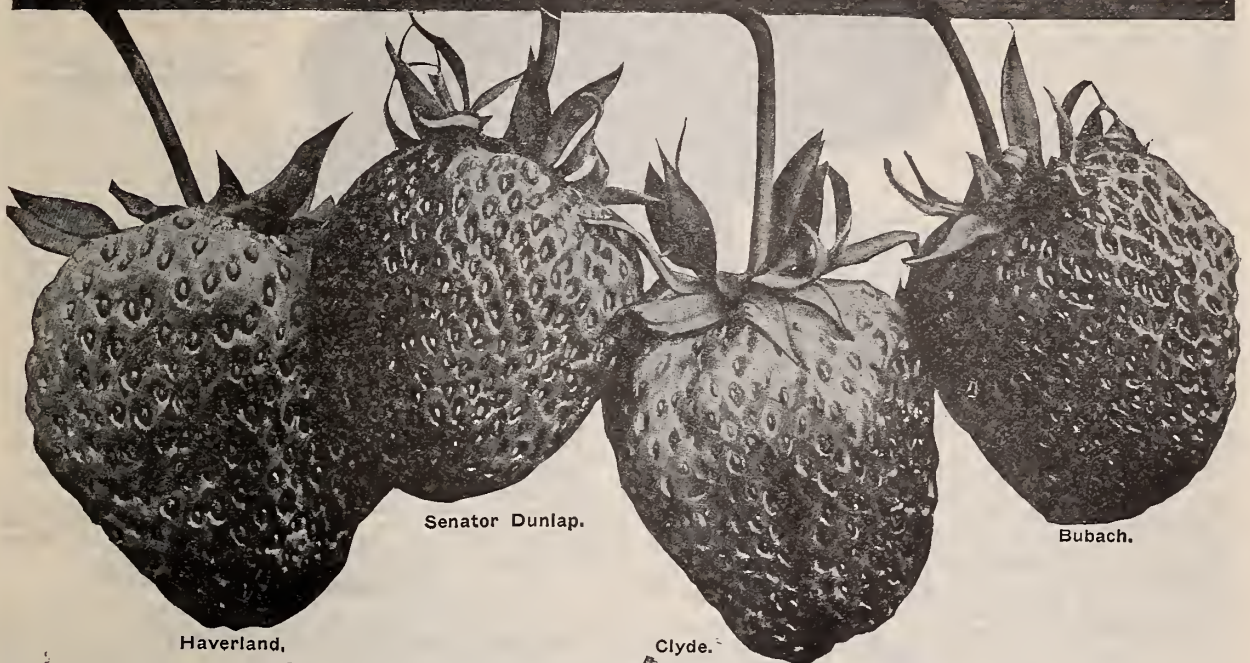
Mrs. Wm. A. Payne, Morrow Co., writes: "Your plants came in fine shape; never wilted. I put them out and they are doing fine. Here-with accept my thanks for your immediate attention to my order and splendid plants."

Mrs. M. S. Jones, Hallsville, O., writes: "The strawberry plants I got of you were very fine."

Chas. H. Burke, Washoe Co. writes: "I cannot resist the opportunity to compliment you upon the plants received. It is certainly a pleasure to do business with a firm who gives such attention to their packing and quality of goods as you do. These plants came as fresh as though they were still growing in the ground."

LIVINGSTON'S THRIFTY, STURDY PLANTS ALWAYS PLEASE AND SATISFY

# Livingston's Four Finest Strawberries



Senator Dunlap.

Bubach.

Haverland.

Clyde.

## The Four Finest Strawberries in Cultivation

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)**—(See illustration above.) 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., 30c.; 50 for 55c.; 100 for 95c. By express, not prepaid, 100 for 75c.; 500 for \$2.75; 1000 for \$5.00.

**SENATOR DUNLAP (Perfect)**—(See illustration above.) 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., 30c.; 50 for 50c.; 100 for 90c. By express, not prepaid, 100 for 60c.; 500 for \$2.50; 1000 for \$4.50.

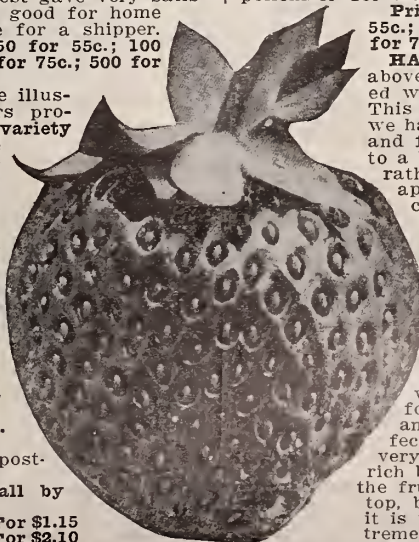
**CLYDE (Perfect)**—(See illustration above.) Gives entire satisfaction in all parts of the country. It is perfectly healthy and exceedingly prolific, producing in great quantities its large, waxy, conical shaped berries. In color it is very attractive, being a bright crimson on one side and a rich, 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 pollinizer for Haverland. Early.

Price—Postpaid, by mail, 30c. doz.; 50 for 55c.; 100 for 95c. By express, not prepaid, 100 for 75c.; 500 for \$2.75; 1000 for \$5.00.

**HAVERLAND (Imperfect)**—(See illustration above.) Grand market berry; should be planted with Clyde or some other good pollinizer. 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., 30c.; 50 for 50c.; 100 for 90c. By express, not prepaid, 100 for 60c.; 500 for \$2.50; 1000 for \$4.50.

### GRAND NEW "Livingston" STRAWBERRY

This magnificent berry is the very best of recent introduction. Its healthy, vigorous habit, immense size, handsome form, great productiveness, beautiful color and unsurpassed quality make it nearly perfect. Plants are vigorous and healthy, with very thick, leathery, dark green leaves. Berries rich beautiful scarlet, extending clear through the fruit. The shape is full and round at the top, but tapering to an obtuse point. In size it is very large; in quality the very best, extremely juicy, sweet and luscious. Early. Price—Doz., 35c.; 100, \$1.00, postpaid. By express, not prepaid, 100, 75c.



"Livingston" Strawberry.

### 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 \$1.15
- 100 Plants of each (400 in all).....For \$2.10
- 500 Plants of each (2000 in all).....For \$8.00
- 1000 Plants of each (4000 in all)....For \$15.00

## Livingston's Selected Small Fruits—Continued

## Raspberries

Make the rows for Raspberries about 6 feet apart and set the plants 3 feet apart in the rows. We sell 6 plants at dozen, 50 plants at 100, and 500 plants at 1000 rates.

**THE NEW "EATON" RASPBERRY**

This splendid new Red Raspberry is entirely distinct from all other varieties, perfectly healthy in root and foliage, and hardy, coming through our most severe winters in prime condition; a strong—"not tall and slender"—but a sturdy grower, throwing out many laterals and fruiting to the tips and from every lateral, a sight to see. An immense cropper, while the fruit is extraordinarily large and handsome, firm and of the highest quality. Each, 20c.; doz., \$2.00, postpaid. By express, not prepaid, doz., \$1.75; 50 for \$5.00; 100 for \$8.00.

The New Eaton Raspberry.



**CUMBERLAND**—A new Black-cap, the largest, most productive, handsomest and best flavored berry we know of. Strong, healthy grower. Ripens mid-season. Doz., 75c., postpaid. By express, not paid, 100, \$2.00; 1000, \$12.00.

**CONEATH**—A new Black-cap Raspberry; very early, of good quality, very productive; hardy. Doz., 75c., postpaid. By express, not paid, 100 for \$2.00; 1000 for \$12.00.

**CUTBERT**—Large, deep, rich crimson; sweet and good; very hardy. One of the best for market or home use. Doz., 65c., postpaid. By express, not paid, 100, \$1.75; 1000, \$10.00.

**GREGG**—Fruits very fine and large; well known and popular; a late Black-cap. Doz., 70c., postpaid. By express, not paid, 100 for \$1.85; 1000 for \$11.00.

**HAYMAKER**—Beautiful dark purplish red; fruit of largest size, which does not crumble in handling or shipping. Abundant cropper of high quality. A vigorous grower, perfectly hardy, a drought resister, free from disease; almost thornless. A favorite market and canning sort. Doz., 85c., postpaid. By express, not paid, 100 for \$2.25; 1000 for \$16.50.

**MUNGER**—A fine Black-cap. Resembles Gregg, but is better flavored, excels in size and ripens six to eight days later. Extra fine for canning and evaporating. Withstands drought and hot sun. Doz., 75c., postpaid. By express, not paid, 100 for \$2.00; 1000 for \$12.00.

**THE KING**—The great extra-early berry. Fruit large, bright red, good quality. Bush strong and sturdy; more productive than Loudon. A money maker that every grower should plant. Doz., 75c., postpaid. By express, not paid, 100 for \$2.00; 1000 for \$12.00.

Make the rows for Blackberries about 8 feet apart, and set the plants 4 feet apart in the rows. We sell 6 plants at dozen, 50 plants at 100, and 500 plants at 1000 rates.

**ELDORADO**—One of the valuable newer varieties; fruit medium size, jet black, melting, sweet and rich; plant hardy and very productive. Each, 15c.; doz., \$1.00, postpaid. By express, not paid, 100 for \$2.50; 1000 for \$18.00.

**MERSEBAU**—United size of Wilson with hardness of Snyder. Fruit of sparkling black, which it retains long after picking; sweet, rich, melting, luscious, few seeds and almost no core; good keeper and shipper. Never was winter-killed in northern New York, where it originated. Canes strong; foliage large, abundant, healthy. Yield enormous;

**NEW REGAL**—This splendid Grape has been well tested in different sections. It is very hardy, having endured 30° below zero without injury. A short-jointed, vigorous and healthy grower, ripens its wood early. Exceedingly productive and ripens a heavy load of fruit well without injury to vine. Berries are large, persistent, translucent, dark red, juicy, with a skin thin but tough; the pulp tender, easily freeing its seeds. 1-year-old Vines, each, 30c.; 4 for \$1.00. 2-year-old Vines, each, 40c.; 3 for \$1.00.

**BRIGHTON**—Thin-skinned berries, with tender flesh and hardy any pulp. One of the best red varieties. Very hardy. Price below.

**CAMPBELL'S EARLY**—Strong, vigorous, hardy vine; abundant clusters of very large, compact and handsome black grapes, with blue bloom; flesh rich and sweet; very early; seeds few, small and part readily from the pulp. 2-year-old Vines, each, 30c.; 4 for \$1.00, postpaid. By express, not paid, each, 20c.; doz., \$2.00.

**CONCORD**—Universally popular; succeeds everywhere; purplish black. Price below.

**DELAWARE**—Bunch small, compact, red, sweet, delicate flavor.

**MOORE'S DIAMOND**—Fruit white, changing to yellow tinge when ripe; very juicy; has few seeds; quality unexcelled; medium in size; very early; hardy. Price below.

## Currants

The plants of this fruit should be set 4 feet apart in good, rich soil. Cultivate well.

**THE NEW "PERFECTION" CURRANT**

An introduction which promises to eclipse all the other varieties. In color it is a beautiful bright red. In size, as large or larger than Fay's Prolific, the clusters averaging longer; easy to pick, on account of its good stem. In productiveness it is wonderful. It ripens early and evenly. In quality it is rich, mild, sub-acid, with plenty of pulp and few seeds; in vigor and healthfulness it is everything to be desired; with remarkably large and heavy foliage.

Each, 30c.; 4 for \$1.00, postpaid.

**CHERRY**—Deep red; one of the standard sorts for home or markets. Price below.

**FAY'S PROLIFIC**—Abundant yielder, large red berries. Early. Price below.

**RED DUTCH**—Profuse bearer; very strong grower.

**VICTORIA**—Large, bright red; bunches long; very productive.

**WHITE GRAPE**—The best white. Large and of excellent quality.

Prices of above Currants, except as noted—2-year-old Plants, postpaid, each, 25c.; doz., \$2.25. By express, not paid, each, 20c.; 6 for 90c.; doz., \$1.50; 100 for \$7.50. Price per 1000 on application.

## Gooseberries

Plant in good, rich soil in rows 5 feet apart by 4 feet in the row. We sell 6 plants at dozen, 50 plants at 100 rates.

**THE NEW "PORTAGE" GOOSEBERRY**—This magnificent Gooseberry originated in Ohio, and is a cross of the large English berries with an American sort. It is a new variety of extraordinary size and superior quality. Strong 1-year-old Plants, 25c. each; 5 for \$1.00. 2-year-old Plants, 45c. each; 3 for \$1.25. Both sizes postpaid, by mail.

**COLUMBUS**—Of largest size, oval, greenish yellow; excellent quality; prolific. Each, 20c.; doz., \$2.00, postpaid. By express, not paid, doz., \$1.75; 100 for \$12.50.

**DOWNING**—Enormously productive; large, pale green, splendid quality. Each, 20c.; doz., \$1.75, postpaid. By express, not paid, doz., \$1.50; 100 for \$10.00.

**JOSELYN**—Most magnificent berry ever produced. Thrifty grower, free from mildew; hardy; productive; large, ruby red. Each, 20c.; doz., \$2.00, postpaid. By express, not paid, doz., \$1.75; 100 for \$12.00.

## Blackberries

season early to mid-season. Each, 15c.; doz., \$1.00, postpaid. By express, not paid, 100 for \$2.50; 1000 for \$18.00.

**RATHBUN**—Very prolific, glossy black variety of great vigor and hardness. Each, 15c.; doz., \$1.00, postpaid. By express, not paid, 100 for \$2.50; 1000 for \$18.00.

**SNYDER**—Hardy. More generally planted than any other, both for market and home use. No hard, sour core; few thorns. Doz., 75c., postpaid. By express, not paid, 100 for \$2.00; 1000 for \$12.00.

**WHITE ICEBERG**—As productive, hardy, abundant, handsome and delicious as the black ones. Cones loaded with snowy white berries. Each, 20c.; 3 for 50c.; doz., \$1.50, postpaid. By express, not paid, 100 for \$3.75.

## Livingston's Selected Grape Vines

**GAERTNER (Rogers No. 14)**—Bunch and berry large; the color is a beautiful light red, with bloom; fruit almost transparent; pulp tender, sweet and rich. Showy, vigorous, productive, very hardy. 2-year Vines, each, 20c.; doz., \$2.00, postpaid. By express, not paid, each, 15c.; doz., \$1.35; 25 for \$2.50; 100 for \$9.00.

**GREEN MOUNTAIN**—Bunch and berries medium; white; skin thin; quality superb. Extra early and hardy. 2-year Vines, each, 35c.; doz., \$3.50, postpaid. By express, not paid, each, 30c.; doz., \$3.00; 25 for \$5.75.

**MOORE'S EARLY**—Bunch medium; berry large, round, black, with a heavy blue bloom; flesh pulpy and good; hardy and prolific. Its large size and earliness render it desirable for an early crop.

**NIAGARA**—Bunch and berries large; greenish white, light yellow when ripe; skin thin and tough; quality like Concord.

**WORDEN**—A popular black grape. Earlier than Concord. Large bunch and berries.

Prices of above Grape Vines, except as noted—Strong, selected 1-year-old Vines, each, 15c.; doz., \$1.50, by mail, postpaid. By express, not paid, large 2-year-old Vines, each, 15c.; doz., \$1.25; 100 for \$7.50. (We sell 6 of any one kind only at the dozen rate; 50 at the 100 rate. Write us for special prices on Grape Vines in larger quantities.)

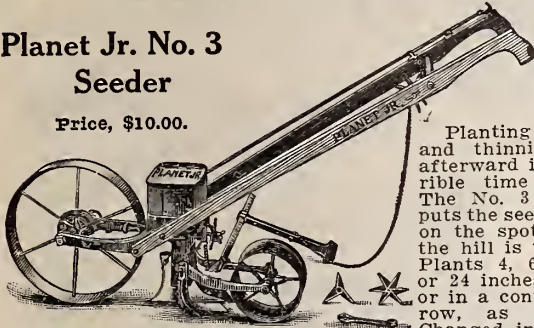


# Planet Jr. Tools for 1910

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

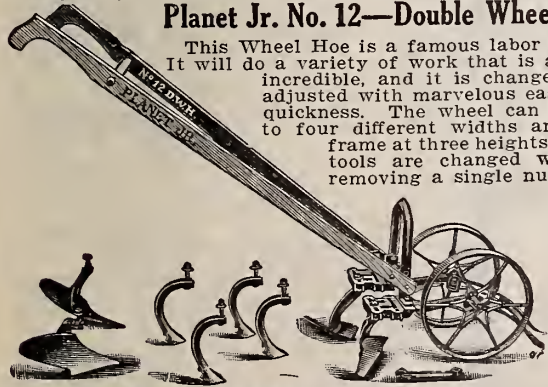
Price, Complete, \$10.50  
As a Drill only, \$8.50



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.



**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.

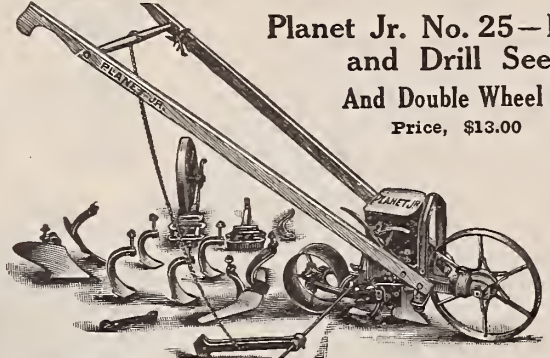
## Planet Jr. No. 14

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 strops.

**No. 14 Double Wheel Disc Hoe**, complete (see above) \$7.50.  
**No. 13 Double Wheel Hoe**, with Discs only, \$5.50.  
**No. 38 Single Wheel Disc Hoe Cultivator and Plow**, \$6.50.  
**No. 18 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.



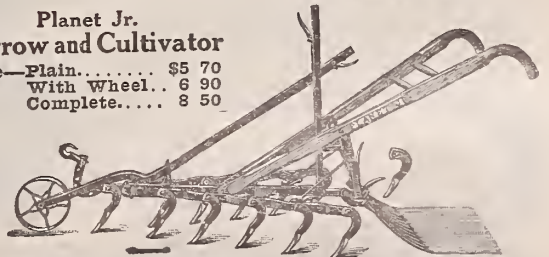
## Planet Jr. No. 8, Horse Hoe

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.

## 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.

**STEAMED 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**—Especially adapted to florists' use. Gives the best results. 10 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$2.50.

**PULVERIZED COW MANURE**—The 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 lb., \$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 vine 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 and Sulphate of Potash, "Kainit," etc.

## Insecticides, Fungicides, Etc.

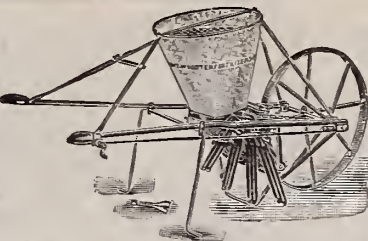
**TARGET BRAND WEED KILLER**—Keeps paths and roads free from weeds and grass. One gallon makes 50 gallons ready for use—enough for 150 square yards of surface; applied with watering can. Directions on each can. By express or freight. 1 qt. can, 40c.; 1/2 gal., 65c.; 1 gal., \$1.00. Larger lots, special 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. Is simply dusted lightly on. Booklet, "Fighting Insects in the Garden," sent free. 1 lb., 30c.; 3 1/2 lbs., \$1.00, postpaid. By express or freight, not paid, 5 lbs., 30c.; 10 lbs., 50c.; 50 lbs., \$2.25.

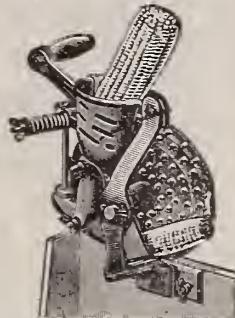
Dusters for Slug Shot or other Powders—1/2-gal. size, 30c.; gal. size, 50c.

**TOBACCO STEMS**—For fumigating plants infested with green fly, etc. By express or freight, lb., 5c.; 100 lbs., \$1.00.

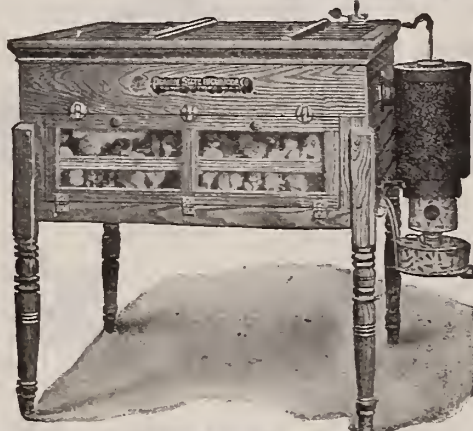
**ROSE LEAF EXTRACT OF TOBACCO**—One of the most effective articles for the destruction of all insects and scale. Full instructions for applying. Pint can, 30c.; quart can, 55c.; gal., \$1.25.



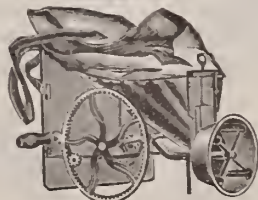
McWhorter Fertilizer Distributer.



Columbus Corn Sheller.



New Prairie State Sand Tray Incubator No. 2.



Cahoon Broadcast Seeder.

Insecticides, Fungicides, etc.—Continued.

**TOBACCO DUST**—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, \$4.50.

**REX 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**—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**—A most excellent insecticide for greenhouses and house plants. 1/2-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 two 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 at 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. We are glad to send it to anyone 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 the poultryman the most satisfactory device for taking the chicks from the incubator and caring for them. Brooders, \$12.00 to \$20.00.

Hovers, \$7.00 to \$8.00.

ALL GOODS ON THIS PAGE SENT at purchaser's expense by freight or express, unless quoted "prepaid."

**STEEL SWINGING BRACKETS**

Made of steel. Artistic in design. Finished in black; very handsome. Spring clasp prevents pot from falling. (See cut.) No. 1, for 5-inch pots, has 8-inch arm. Each, 30c., or 45c. postpaid; doz., \$3.00.

**VAN REYPER'S GLAZING POINTS**

Per box of 1000, 60c.; postage, 16c. per 1000 extra. Lots of 5000 and over, per box, 55c. Pinchers for driving, 50c., postpaid 65c.

**SIEBERT'S GLAZING POINTS**

5/8-inch size, 1200 to lb., per lb., 40c., postage 16c.; 3/4-inch size, 800 to lb., per lb., 40c.; postage 16c. (See cut.)

**RED FLOWER POTS**

Size	Each	Doz.	100
2 inch	2	10	60
2 1/2 inch	2	15	75
3 inch	3	25	90
3 1/2 inch	4	30	1 25
4 inch	4	35	1 50
5 inch	5	45	2 50
6 inch	6	60	4 00
7 inch	8	75	5 50
8 inch	10	1 00	7 25
9 inch	15	1 35	10 00
10 inch	25	2 00	16 50
12 inch	60	5 00	35 00

**WOOD POT LABELS**

Painted Pot Labels—Best made. Put up in packages of 1000 each.

4 x 1/2 inch.....	per 1000	\$0 70
4 1/2 x 1 inch.....	"	80
5 x 1 inch.....	"	95
6 x 1 inch.....	"	1 20
10 x 1 inch.....	"	2 50
12 x 1 inch.....	"	3 00

**WOOD GARDEN STAKES**

For Labeling. Painted.

8x 3/4 inch.. Per 100	45c	Per 1000	\$3 70
10x 1 inch.. "	60c	"	4 80
12x1 1/2 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., 14c. Medium Grade best for general purposes, per yd., 12c., postage 5c. extra; by the piece, 40 to 60 yds., per yd., 10c. Light Grade, per yd., 6c., postage 4c. extra; by the piece, 40 to 60 yds., per yd., 5c.

**HOTBED SASHES**

Best Cypress—3 1/2 ft. x 6 ft., unglazed, for 4 rows 8x10 glass. Each, \$1.25; 10 for \$12.00.

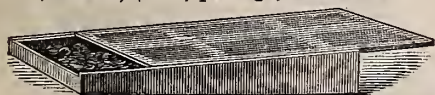
Our sales of Hotbed Sashes are increasing each season, so satisfactory do our customers find them.

**PUTTY BULB**

The best appliance for distributing putty. Used by a large number of leading florists, who have proven its merit. (See cut.) Each, 85c.; postage, 15c.

**OUT O' SIGHT MOLE TRAP**

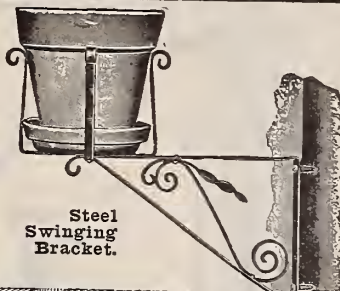
Claimed to be the best Mole Trap ever offered, and only has to be tried to be appreciated. Can be used in hotbed under sash. The secret of mole catching is a good trap and to know their habits. Full directions with each trap. (See cut.) Each, \$1.00; postage, 25c. extra.



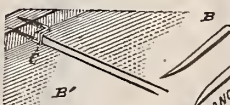
Plant Bed Cloth.



Christy Garden Weeder.



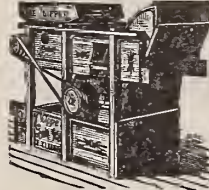
Steel Swinging Bracket.



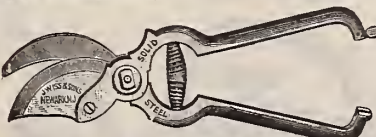
Van Reyper's Glazing Points.



Red Flower Pots.



Clipper Grain Cleaner.



Wiss' Steel Pruning Shears.



WATERS IMPROVED TREE PRUNER.



Rubber Putty Bulb.



Hazeltine's Hand Weeder.



Out O' Sight Mole Trap.

**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, KNIVES, SAWS.**

**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.

**Pruning Saw**—Double Edge, 16-inch, 60c.; 18-inch, 70c.; 20-inch, 80c.

**Eagle Pruning Shears**—The well-known two-handle shears. Light and powerful. The best made. Each, \$1.50.

**Edge Shears**—Plain, 9-inch blades, \$1.75; 10-inch blades, \$2.00. Knotted, 9-inch blades, \$2.00; 10-inch blades, \$2.25.

**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**

**Hazeltine 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.

**Bushel Baskets**—Broad band. Standard bushel size; strong, durable. Doz., \$1.75; each, 20c. Must be sent by freight.

**Garden Lines**—100 feet Braided Linen, 40c. Cotton, 25c.

**Turf Edgers**—For trimming edges of walks. Each, 75c.

**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.



Lang's Weeder.



Garden Dibber.



CLEVES' TRANSPLANTING TROWEL. SOLID STEEL. 6 INCH BLADE.



Garden Trowel.

**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, \$8.00.**

**Eclipse No. 4, Outfit B**—Pump, complete, with 6 feet of best 1/2-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.**

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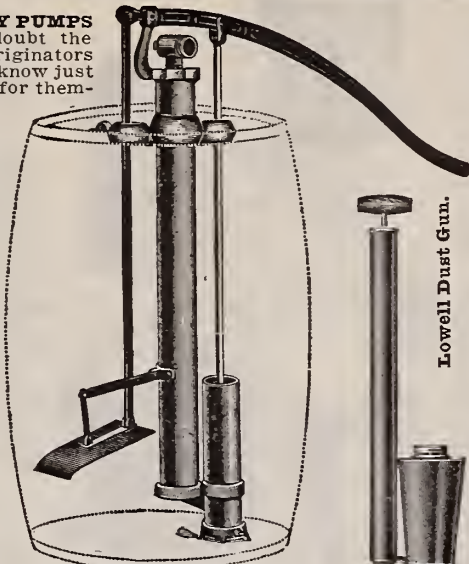
**MYERS' LITTLE GIANT BUCKET SPRAY PUMPS** (See cut.)

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.**

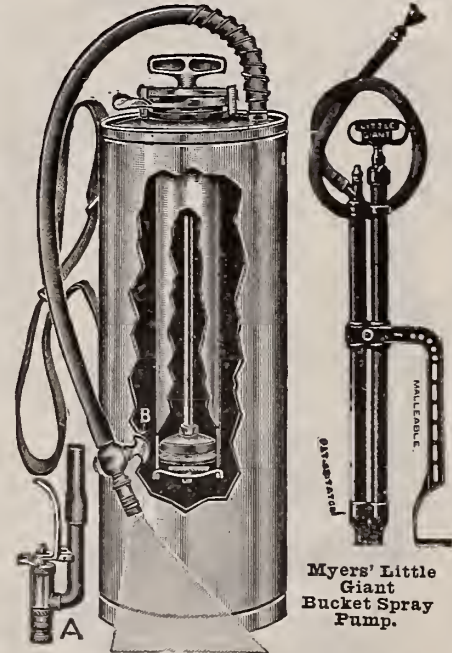
**MYERS' BARREL PUMP SPRAY** Myers' No. 302 Outfit consists of Pump, 5 feet of 3/4-inch 3-ply Hose, Vermorel Spray Nozzle, Suction Pipe, Strainer and Jet Agitator. **Price, \$7.50.**

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Myers' Little Giant Bucket Spray Pump.

The "Auto-Spray."

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Works automatically for six to fifteen minutes, according to the nozzle opening. It may be started in fifteen 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.**

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The greatest economy of spraying liquid may be secured by using this Nozzle. Any degree of fineness is easily and quickly obtained by use of thumb set screws. Pressure applied at B removes dirt from nozzle at A. Remove brass screw at C and clean out nozzle. (See cut.) The latter feature is found only with this Nozzle. **Price, 1/2-inch, with 2 caps A, 90c. Postage 6c. extra.**

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Vermorel Nozzle.

Calla Nozzle.

Park's Sprayer.



Garfield Knapsack Sprayer.

All Goods on this Page are Shipped at the Purchasers Expense unless quoted "Prepaid."



Rubber Sprinklers.

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# Livingston's Capitol Lawn Grass Seed



The illustration herewith shows a small portion of the beautiful grounds surrounding the Capitol of the State of Ohio. One of the most attractive features of these grounds are the splendid lawns—made from

## WHAT IS MORE CHARMING

Around the home than artistic grounds, the foundation of which is a beautiful, well-kept lawn? There is no other thing which at so slight an outlay can add greater value to the property, or be a source of so much pleasure to the beholder. A small lawn, if well cared for, may be made as attractive as a large one.

It may be formed by laying turf (sodding), or by sowing seed. Some time is gained by sodding, but in many respects it is unsatisfactory, hence the sowing of seed is to be preferred.

Prices of all Grass and Clover Seeds are subject to market changes.

## Livingston's Capitol Lawn Grass Seed

An unrivaled mixture of the purest and cleanest seed; it 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 cold of winter, showing a beautiful, rich green during the greater part of the year. It contains no annual grasses for 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.**—1 lb. for 400 sq. ft., 5 lbs. for 2,000 sq. ft., 10 lbs. for 4,000 sq. ft., 25 lbs. for 10,890 sq. ft. (¼ acre), 34 lbs for 14,550 sq. ft. (⅓ acre), 50 lbs. for 21,780 sq. ft. (½ acre), 100 lbs. for 43,560 sq. ft. (1 acre).

For renovating old lawns use about one-half quantity given in the above table. **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 lawn grass seed measures over 1½ qts.

**Price** First Quality, per lb., 40c.; 2 lbs., 75c., postpaid. 1 bu., \$4.00; 2 bus., \$7.50; 5 bus., \$17.50. Deduct 10c. per lb. from lb. prices if to be sent by Express or Freight.

**Price** Second Quality, per lb., 35c.; 3 lbs., \$1.00, postpaid. 1 bu., \$3.75; 2 bus., \$7.00; 5 bus., \$16.00. Deduct 10c. per lb. 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.

### 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.

### KENTUCKY BLUE GRASS

Many prefer plain Blue Grass to a mixture, and it cannot be denied that it produces a beautiful and lasting lawn. It takes longer, however, to get it established. Price (Fancy clean seed): Lb., 35c.; 2 lbs., 65c., postpaid. Bu. (14 lbs.), \$2.50. Deduct 10 cents per pound from pound prices if to be sent by Express or Freight, the purchaser to pay all transportation charges.

### 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.

### WHITE CLOVER

Best for lawns. Sow at rate of 5 lbs. per acre. Lb., 45c., postpaid. By Express: 10 lbs. \$3.00; 100 lbs., \$25.00.

**SPECIAL QUOTATIONS.**—We are always pleased to quote special prices to Parks, Institutions, Golf Clubs and others who require Lawn Grass Seeds in large quantities.

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OHIO SUGAR  
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