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SEED ANNUAL 1909

LIVINGSTON'S NEW TYPE OF GLOBE SHAPED TOMATOES.

THE HIGHEST BRED TOMATOES IN THE WORLD. THESE, THE FIRST AND ONLY GLOBE SHAPED TOMATOES IN EXISTENCE, WERE ORIGINATED WITH AND INTRODUCED BY "LIVINGSTON."

FOR FULL DESCRIPTION.

SEE PAGES 1 & 2. THREE PACKETS, ONE OF EACH KIND 25c.

LIVINGSTON'S HUMMER
Introduced 1907

PACKET
10 Cents

The finest
Canning
and Slicing
Tomatoes in
Cultivation.

LIVINGSTON'S GLOBE
Introduced 1905.

PACKET 10 Cents

PACKET 15 Cents

LIVINGSTON'S
Introduced 1908

The LIVINGSTON SEED Co., COLUMBUS, O.



Livingston's NEW TYPE OF **Globe Shaped Tomatoes**

THE HIGHEST BRED TOMATOES IN THE WORLD

See Lithograph on Front Cover

To the LIVINGSTON'S of TOMATO FAME belongs the honor of producing and introducing this New Type of magnificent Globe Shaped Tomatoes. A type which has been received with the greatest enthusiasm by large tomato growers everywhere and is fast superseding the old flat and more or less wrinkled sorts

The introduction of our Globe Shaped Tomatoes is the most valuable and distinct advancement made in the tomato since we offered the Stone. The type is entirely new and distinct and excels in every desirable quality all previously existing sorts. They are our latest and best tomatoes—and remember we are famous for our good tomatoes. Livingston's Tomatoes have always been the standard. Since 1870, when we introduced the first good edible tomato, until now, we have led the world in improving and producing new varieties of this popular vegetable.

Livingston's New Globe-Shaped Tomatoes are the Tomatoes of the Future

They are the first and only globe shaped tomatoes in existence, and originated with and were introduced by us. There are three grand varieties in this new race of tomatoes, as follows:

LIVINGSTON'S GLOBE—A large, early, globe shaped purple sort which we introduced in 1905 (see page 1).

LIVINGSTON'S HUMMER—An early, globe-shaped bright red variety which we offered in 1907 (see page 2).

LIVINGSTON'S NEW CORELESS—A large, main-crop, globe-shaped bright red variety which we sent out last year.

LIVINGSTON'S
NEW CORELESS
TOMATO

See illustration in
natural colors on
front cover.



Livingston's New Coreless Tomato

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

Although we had great faith in this new variety when we first offered it for sale last Spring, we had not hoped for the tremendous popularity it has so quickly attained. Enthusiastic planters are constantly writing us in glowing terms of the superlative merits of this grand new tomato. Judging from the reports we are receiving it has produced a veritable sensation among those who have tried it. We certainly never before sent out a new variety which met with a more favorable reception.

We do not see why it should not take the place of many varieties now used for canning and catsup making as soon as enough seed can be produced and the price fixed at a sufficiently low figure to warrant general planting.

It has every desirable quality found in the best large main crop bright red tomatoes, and, in addition, has the globe shape, and no corrugations or depression at the stem end.

All markets requiring a bright, rich, red sort will be pleased with the Livingston's New Coreless. In shape it is almost round, being of about the same diameter each way, as shown in illustration. The depression at the stem end has been almost eliminated, making it the most profitable variety for canning, owing to a very small amount of loss in material and labor. It is immensely productive, clusters of four to seven fruits are produced at six to eight inches apart along the stem when plants are trained to stakes. Tens per acre and cans per ton is all important. All of the fruits are of marketable size, and many of them are quite large, twelve to fifteen ounces. 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.

The strong outside and inner walls of flesh of the Livingston's New Coreless render it a very firm fruit and one of the best for long distance hauling and shipping, but it is entirely free from hard green core.

Its color is that bright, rich red so desirable to packers of high grade goods, and more important than ever now, since the law forbids the use of coloring matter. Every canner, market gardener or lover of good tomatoes should plant this grand variety this year.

Price, per packet, 15c.; ½-ounce, 50c.; ounce, 90c.; ¼-pound, \$3.00; pound, \$10.00.

The Columbia Conserve Co., Indianapolis, Ind., writes us under date of Sept. 17th, as follows: "We have a fine crop of tomatoes grown from the New Coreless we purchased from you last Spring. They are prolific, smooth, free from defects and very meaty."

Geo. W. Sells, Fairfield Co., Ohio, says: "My Coreless tomatoes are more than fine. They are very full of fruit, and a perfect shape. I think they are going to become the tomato."

Mrs. J. H. Hard, Jefferson Co., Ala., reports Aug. 8, 1908: "Our Livingston's Coreless tomatoes were the admiration of all this year. The vines are from 4 to 6 feet high and are laden with fine fruit still, having begun to bear in May."

Thos. E. Nichols, Green Co., Ohio, writes, Aug. 13th: "I wish you could see five rows of tomatoes, the New Coreless, that I have. They are seven feet high and just loaded down with extra big tomatoes. Of course, I have them staked. They beat anything I ever saw. A grand tomato, that CORELESS."

Mr. P. W. Herbst, Franklin Co., Ohio, writes Sept. 30, 1908: "As regards the Coreless tomato, one of your productions, I consider it the coming tomato both for canning and for table use, and its prolific qualities will endear it to the general grower of tomatoes both for the market and the garden."

I have been a customer of your house for years and have found your seeds and hulbs to be just as represented."

Livingston's Three Globe Shaped Tomatoes **Illustrated on front cover—CORELESS, GLOBE and BUMMER—** 25c
one packet of each, postpaid, for

Livingston's
NEW TYPE OF
THE TOMATO OF THE FUTURE

Globe Shaped Tomatoes

See Lithograph on Front Cover
SEED INSTRUCTION
AND DISTRIBUTION.

★ FEB 15 1909 ★
RECEIVED



Livingston's Globe Tomato Our First Globe Shaped Tomato

Originated with us and introduced in 1905 The Finest Early Purple Tomato in Existence

VERY DISTINCT IN SHAPE, FIRM FLESHED, OF DELICATE FLAVOR. 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.

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.

Prices, by Mail, postpaid—Packet, 10 cents; ½-ounce, 25 cents; ounce, 45 cents; ¼-pound, \$1.25; pound, \$4.50.

WHAT LARGE GROWERS THINK OF OUR GLOBE TOMATO.

A. H. DONALDSON, Greenville, So. Carolina, writes July, 1908: "I believe you have made tomato growers and lovers your debtors in the introduction of the Coreless. Under field culture they show all the fine characteristics of my carefully grown garden plants. The size and clusters of fruit are grand, beautifully formed, productive and later than your (Pink) Globe; for so it ought to be called to distinguish it from the Coreless, (the Scarlet Globe). Your Globe is making a record here this year, prolific, solid, not rotting as other varieties have; very large, one weighing 18½ ozs., while 14 and 15 oz. specimens were not infrequent, and as fine flavored as could be desired. I had Coreless tomatoes weighing as follows: One 16 oz., one 18 oz., two 19 ozs. each, two 11 ozs., and several 10 ozs. A cluster of three weighed 32 ozs., (a beautiful bunch). I believe your Coreless and Globe are the coming tomatoes. A number of truckers here have them and endorse them. I hope my recommendations will help other southern growers to get the right tomatoes."

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. Growers from all sections report it as being blight proof.

Livingston's Globe Tomato has a great future. It has already become a popular variety with Tomato growers of every class. Read what large growers say, on this page.

MR. CHAS. A. DYKE, Baraboo, Sauk Co., Wis., writes us under date of Sept. 28th, 1907, as follows: "I have grown your tomatoes for twenty-five years. Took a peck of Globe, Beauty, and Buckeye State, to our County Fair; took first premium and two specials, then sold the fruit at 10 cents each."

MR. C. H. GAUSS, St. Charles, St. Charles Co., Miss., writes under date of Sept. 16th, 1908, as follows: "The Globe has proven very fine, in size, color, productiveness, and decidedly so in flavor. All who have seen or tasted them have expressed their admiration."

MR. J. O. REECE, Business Manager of a large Truck Growers' Union in Florida, writes: "Enclosed find Money Order for \$10.00 for which please send me two pounds Livingston's Globe Tomato Seed. I tried this Tomato last year, and believe it to be the coming Tomato." The following year (last Fall), Mr. Reece ordered 50 lbs. of Livingston's Globe Tomato.

For Complete List of Livingston's Famous Tomatoes, see Pages 46 to 51

Livingston's Three Globe Shaped Tomatoes

Illustrated on front cover—CORELESS, GLOBE and HUMMER—
one packet of each, postpaid, for

25c

Livingston's NEW TYPE OF Globe Shaped Tomatoes

THE TOMATO OF THE FUTURE

See Lithograph on Front Cover

Livingston's Hummer Tomato

Originated by us and Introduced in 1907.

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 (see illustration); hence there is no waste whatever in preparing the fruits for use. The color is bright scarlet (not purple) and 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 Cannery 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 Cannery in those latitudes where the crop must be produced in a short period of time.



Livingston's Hummer Tomato. Packet, 10c.

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.; 1/2-oz., 25c.; oz., 45c.; 1/4-lb., \$1.25; lb., \$4.50, postpaid by mail.

WORDS OF PRAISE FOR LIVINGSTON'S HUMMER TOMATO

Hurlock, Md., March 27, 1908.

"The Hummer is all you claim for it and more. If I had had this Tomato about 15 years ago, when I was in the canning business trying to put up a strictly whole Tomato I should no doubt be in the canning business today. After so many large canning houses were built up all through this country I could not get the Tomatoes peeled as I wanted them done. If the Tomatoes were cracked or green on the stem the peelers would cut the Tomato half away and throw them in the skins. In this Tomato there is absolutely no cracked or green ends. In what I got of you last year there was not one cracked in the whole lot, nor one but what ripened perfectly clear up to the stem. The color inside is perfect—a dark rich crimson—which is everything to a canner. If I had good health and was 10 or 12 years younger I would go into the canning business again and use this Tomato exclusively and pack a hand-filled strictly whole Tomato. There is a market for them and at a fancy price."—E. E. LORD, Sr.

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.; 1/2-oz., 20c.; 1/2-oz., 35c.; oz., 60c.

Gentlemen: Your Tomato, the "Hummer" is a money maker.

C. H. HEIDE, Ashville, N. C.

MRS. JNO. F. BAUER, Sugar Grove, Fairfield Co., Ohio, writes us as follows: "I wish to say a word for the 'Hummer' Tomato. I tried them last year; they were fine. Very delicious and are certainly praiseworthy."

"Your new Hummer sowed some two weeks after the Acme, Beauty, Favorite, Buckeye State and Stone, gave me the first ripe fruit. No new tomato with me since the day of the Beauty has made so good a showing. I have used your tomato seed almost entirely since 1880."

PETER S. CHASE, Brattleboro, Vt.

TOMATO EATABLES. A pamphlet of choice recipes for making good things from Tomatoes, canning tomatoes whole, tomato preserves, etc., by Mrs. Robt. Livingston. Free to customers upon request.

Livingston's Three Globe Shaped Tomatoes

Illustrated on front cover—CORE-LESS, GLOBE and HUMMER—25c one packet of each, postpaid, for

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 \$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.

8 SUPERB PREMIUM SEEDS.

Livingston's Brown Beauty Onion—A splendid onion. See page 6 for illustration and full description. Pkt., 10c.

Livingston's Bon Ton Lettuce—The finest early curled Lettuce in existence. See page 28 for full description. Pkt., 10c.

Ohio Giant Squash—The wonderful new mammoth prize winning Squash. See page 8 for illustration and full description. Pkt., 10c.

Swiss Chard or Summer Spinach—A delicious vegetable of real merit. See page 14 for full description. Pkt., 5c.

New Annual Everblooming Hollyhock Mixed—Blooms the first year from seed. See page 76 for full description. Pkt., 15c.

Livingston's Giant Shirley Poppies—The most charming Poppies. See page 85 for illustration and full description. Pkt., 5c.

Livingston's Improved Large-Flowering Scabiosa—Mixed. An elegant flower which should be more largely planted. See page 87 for illustration and full description. Pkt., 5c.

Kochia Tricophylla (Summer Cypress or Burning Bush)—A beautiful plant. See illustration and description page 77. Pkt. 10c.

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 (1/4-pound, pound, etc.) or measure (pint, quart, etc.) nor Potatoes, Onion Sets, Bulbs, or Plants, nor Special Bargain Offers or Collections. Do not include any of these. THE PREMIUMS ARE ONLY FOR SEEDS ORDERED IN PACKETS AND OUNCES.

ALSO be sure and ask for your Premium Seeds when you send us your order; otherwise they cannot be sent.

THE LIVINGSTON SEED COMPANY,

IMPORTERS, GROWERS,
AND DEALERS IN



114
NORTH HIGH ST.
CABLE ADDRESS "LIVINGSTON"

SEEDS,

GARDEN IMPLEMENTS,
POTATOES, &c

Our Reference:
The Users of True Blue Seeds

True Blue Nurseries, Trial Grounds and Greenhouses,
near this City.

Kirkersville Seed Farm, Kirkersville, Ohio.

Retail Store, 114 North High and 15-17 East Long Streets.

Seed Warehouse, 95 West Gay Street.

Columbus, Ohio, January 1, 1909.

To Customers and Friends:—

This year we appear before you with a catalogue greatly enlarged and handsomely embellished. It has been increased in size from 100 to 130 pages and is by far the finest and most complete catalogue we have ever issued. It typifies our expanding business. In it we have taken great pains to give concise and truthful descriptions, to list only varieties of genuine merit, and to avoid exaggeration. Our illustrations are almost entirely photographic reproductions, and are therefore true to nature. You may receive other catalogues containing more alluring descriptions, and filled with exaggerated pictures and promises impossible to fill, but ours has the advantage of truth.

The past season has been favorable throughout the United States for seed crops in general, and we are greatly pleased with the fine quality of the seed stocks we have harvested, but some few varieties are in shorter supply than usual. This is particularly true of Peas, Cucumbers and Muskmelons. On these articles the prices have necessarily advanced, while on others the prices are lower. While the quantity of some stocks is limited the quality was never better, and we are thoroughly prepared to fill every order with seeds of the highest grade, true to type and of strong vitality. We solicit your orders for 1909.

Respectfully yours,

The Livingston Seed Co

IMPORTANT SUGGESTIONS

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

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

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

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

By carefully observing the following Rules and Directions, Mistakes and Misunderstandings will be very largely avoided.

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.

OUR SEED ANNUAL. Please show this **Seed Annual** to your friends, and if you should receive an extra copy be kind enough to hand it some neighbor interested in seeds, who will be pleased to get it. We will be glad to send a copy **free** to any of your friends likely to want seeds, in this or any other country. In return we will ask you to **speak a good word for us** to your friends and neighbors. An order this season, no matter how small, secures our Catalogue for next season as soon as issued.

CHANGE OF ADDRESS. If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual, at your new Postoffice.

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 **deceitfully 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 not crop protection. A guarantee from an **irresponsible seedsmen** is of no value whatever.

THE LIVINGSTON SEED COMPANY'S NOVELTIES AND SPECIALTIES FOR 1909

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 Seed 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 in this manner.

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.



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 fifteen years, and has thoroughly fixed the following very desirable points: **Earliness, Great Productive Power, Immense Stalks when Sprouting, Rust Resistance, Superb Quality, Handsome Appearance.** (See illustration.)

The stalks are very pretty, being a creamy white with pink heads. The flavor delightful.

Remember this new "Grass" is the result, first—Of hybridizing two splendid sorts; second—Years of careful selection by an expert who has spent his life in growing asparagus for the market. It is the result of a practical growers' experience, one who knows the desirable money making points in asparagus and has developed them to the highest possible point in this new strain.

Gardeners who want THE BEST should plant Carolina Queen.

PRICE—One Year Old Selected Roots, by express, not prepaid, 50 for 75c.; 100 for \$1.00; 500 for \$4.00. We have secured a limited supply of choice stock seed—Pkt., 10c.; oz., 20c.; ¼-lb., 60c.; 1b., \$2.00.

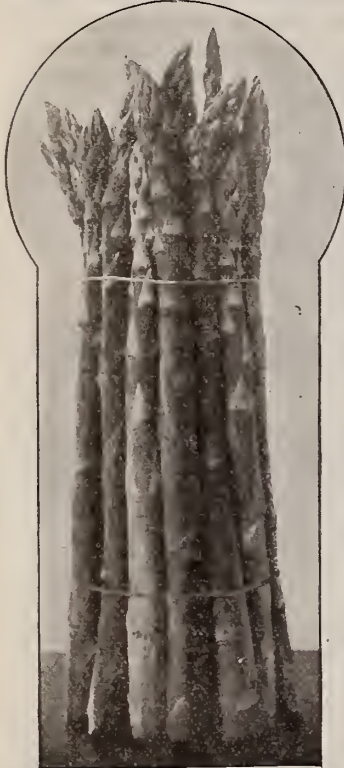
The New Cabbage, Glory of Enkhousen

The originators of this splendid New Holland variety say of it: "The 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. (See illustration.) 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. Our customers who have tried this variety report very favorably regarding it. We can truly recommend it to you.

Pkt., 10c.; ½-oz., 20c.; oz., 30c.; ¼-lb., 85c.; 1b., \$3.00.

Glory of Enkhousen Cabbage, Packet, 10 cents.



New Asparagus, Carolina Queen.

**DON'T FORGET
LIVINGSTON'S FOUR FINEST
STRAWBERRIES**

See page 123.

LIVINGSTON'S POPULAR NEW

Broad Grained Sweet Corn

Broadest and Sweetest-Grained of all the Varieties

For the past six or seven years this variety has been closely selected to produce the broadest possible grains (see illustration), 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.; ½-pt., 20c.; pt., 30c.; qt., 50c., postpaid.** By Express, not prepaid—4 qts., 80c.; pk., \$1.40; bu., \$5.00.



Livingston's Popular New Broad Grained Sweet Corn. Packet, 10c.

Livingston's Ohio Sugar Melon

Originated by us and offered for the first time last year

The Sweetest, Richest Flavored Green-Fleshed Melon we have ever seen

Handsome and Uniform Shape. Every Melon a good one. Sweet and luscious, clear to the rind. Sure to become a popular market and home-garden Melon.

A GREEN-FLESHED TIP-TOP PRODUCES GOOD MELONS ON ALL SOILS

Livingston's OHIO SUGAR Melon is an absolutely new, distinct and very superior creation. It 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. It is 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.

Every one of the hundreds who tried this Melon at our trial grounds last season went into ecstasies over its captivating flavor. It has that delightfully rich aromatic flavor which is so refreshing. 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-flesh melons on the market, but only a small percent will run sweet and good. So we set to work some six (6) years ago and have succeeded in producing a melon which has caused a sensation wherever eaten. 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.

It has become a common remark that it is "all a lottery" to select a good, green-fleshed melon nowadays. This remark will be no longer true, for it is no lottery to select a good Ohio Sugar Melon. They are all good, sweet and delicious clear to the rind. It is the rarest exception than an under quality melon is found.

We are very enthusiastic over 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. The Sweetest Melon that grows.

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., 45c.; ¼-lb., \$1.40; lb., \$5.00.

LIVINGSTON'S OHIO SUGAR MELON IS MOST ENTHUSIASTICALLY PRAISED BY ALL WHO HAVE TRIED IT

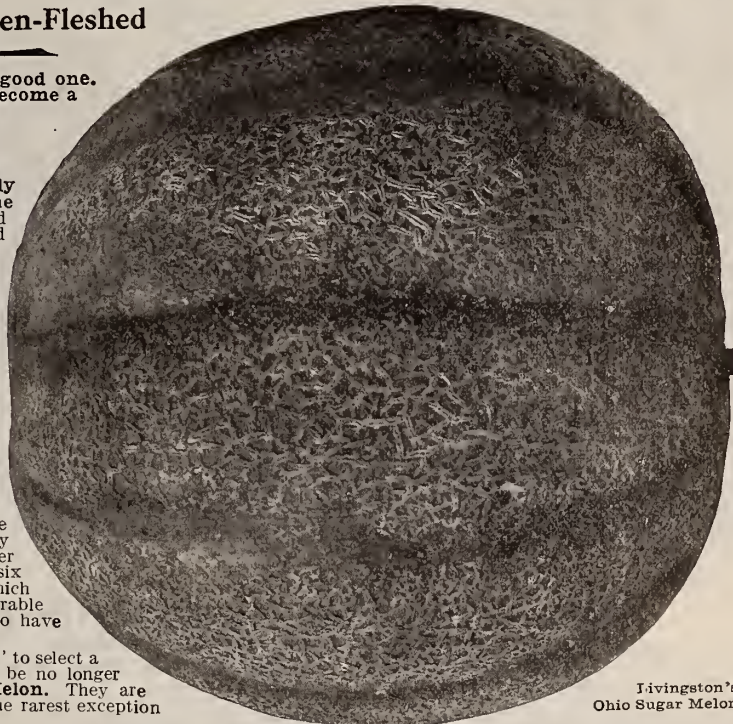
EPICUREAN RESTAURANT, Columbus, O.: "We served your Ohio Sugar Melon to hundreds of pleased patrons last Summer, and consider it the best cantaloupe we ever put on our table. The quality was uniformly superb."—COULTER BROS.

Mr. L. C. SMITH, an Ohio melon grower for market and home use for 40 years, said, after critically examining our field of Ohio Sugar Melons, and cutting many samples, "Livingston, you ought to make a fortune out of this melon—the best green flesh melon I ever saw."

BUSY BEE RESTAURANT, Columbus, O.: "We think your Ohio Sugar Melon the very best we ever ate. Better than Tip Top. We pronounce it the ideal green flesh melon for our use."

ROBERT CANDY, Pres.

GEORGE T. SPAHR, a melon fancier, Columbus, Ohio, says: "For years I have been interested in watching the development of garden fruits and vegetables, and as a lover of melons I am particularly gratified with your latest acquisition, the 'Ohio Sugar Melon.' You have succeeded admirably in eliminating the only objectionable feature, the musk flavor, from the 'Tip Top,' which for a decade has been easily far and away the best melon grown in this latitude. In size, shape and sweetness, the 'Ohio Sugar' is fully the peer of its popular forbear, while its delicate green flesh and delicious flavor show as distinct an advance as your Stone Tomato has made over the beautiful 'Poison Apple' of our forefathers. More success to you and Luther Burbank, and all the other good seedsmen who are planning and working to improve our garden products."



Livingston's Ohio Sugar Melon

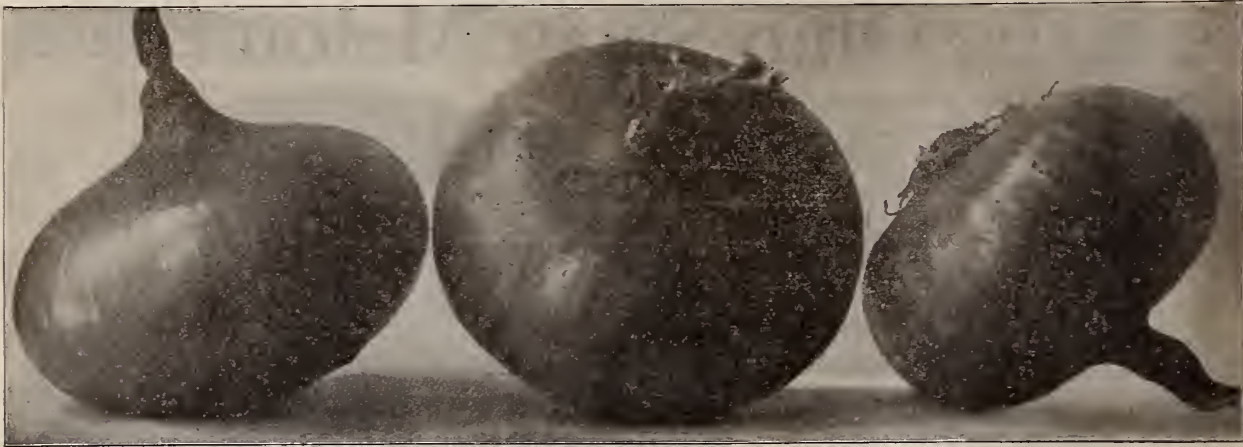
Livingston's Ohio Sugar Melon just as they come from the field, showing their wonderful uniformity.



New Muskmelon, Hoodoo

Mr. Paul Rose, the well known melon grower, is the originator of this grand new melon and during the past three seasons has found it the most profitable variety he ever shipped, the melons readily commanding a higher average price per crate than any other sort on the markets, not excepting even the popular Rock Ford. It is a splendid orange-fleshed variety in which there has 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.

We offer pure seed grown and selected by the originator. Pkt., 10c.; cz., 25c.; ¼-lb., 75c.; lb., \$2.50.



Livingston's Brown Beauty Onion

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

The splendid onion was first introduced by us in 1900, but we have never been able to give it the prominence in our catalogue that its importance deserves. For nearly 40 years this onion has been the market gardener's favorite in the Columbus market. Our superb strain is of our own growing and is the result of years of expert selection and careful cultivation. For Winter and Spring sales or for home use **it is hard to beat.** Keeps in good shape until late Spring. Hardy and solid. A medium flat variety, of good size, (see illustration), cures down 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.; 1/4-lb., 70c.; lb., \$2.25.**

Wonderful New Pea for 1909 Golden King

BRIGHT GREEN VINES. GOLDEN YELLOW PODS. HEAVY BEARER OF DELICIOUS PEAS.

This Unique New Golden Podded Pea was originated in Germany. The introducer, whom we consider very reliable, describes it as follows: "I have raised and cultivated this remarkable Pea for four years, and it cannot fail to occupy a prominent place in the output of this year's Novelties. It is not only a new, but also a really good thing, for apart from its startling beautiful appearance, it belongs to the highest type of our present-day wrinkled peas. The plant is 4 feet high and perfectly even, healthy and vigorous of growth, with bright green vines and foliage. The pods are of a uniform, shining, deep golden-yellow color, with the characteristic mark of a sharply defined bright green line along the seam. (See illustration). Fully as large and plump as those of the Telephone Pea, and contain 8 to 9 large green wrinkled peas of that superior flavor belonging to the Telephone and Duke of Albany type. It matures at the same time as Telephone. 'Golden King' Pea comes perfectly true from seed, there being at least 95 per cent of true and uniformly perfect plants. As a superior culinary pea, with the additional merit of a most attractive appearance it deserve a place in every garden."

Our stock of seed comes direct from Germany in the originator's sealed packets. **Per pkt., 25c.**

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-doors cucumbers that will sell in the market for hot-house forcing varieties. As is well known these always bring fancy prices. Mr. Davis is the originator of the Davis Wax Bean, and Grand Rapids Lettuce, and as an originator always has an eye to profit for the gardener. The Chicago Produce Men are willing to pay Mr. Davis almost any price for his fancy "Davis Perfect Cukes," even when the market is almost glutted with ordinary stock of other sorts. The shape is ideal, as may be seen from the illustration below. 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 hot-house 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 hot-house. **Packet, 10c.; oz., 20c.; 1/4-lb., 50c.; lb., \$1.50.**

The New
Davis
Perfect
Cucumber.
Packet,
10 cents.



**LIVINGSTON'S
OHIO YELLOW
GLOBE ONION
the best yellow
onion in
existence.
See page 34.**



New Pea, Golden King. Packet, 10c.



Field of New Watermelon, Tom Watson.

Grand New Watermelon Tom Watson

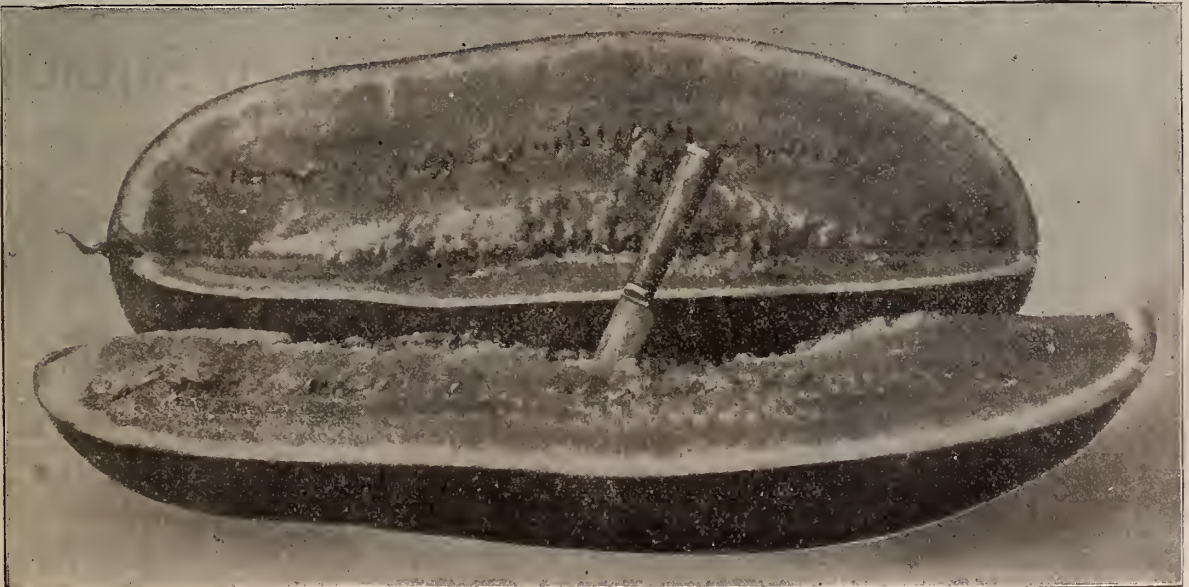
BEST QUALITY. BEST SHAPE. BEST SIZE. BEST SHIPPER.

In the "TOM WATSON" we have a decidedly good thing directly from the State of Georgia, the "home of the Watermelon" (also of the Hon. "Tom Watson"), where the Watermelon grows to a greater state of perfection probably than in almost any other part of the U. S. 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 without any hesitation it far surpasses, on the table, any variety of Watermelon that we have any knowledge of. Whenever it could be obtained it was served exclusively at the Columbus leading restaurants the past season.

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 in. in diameter. It is very prolific, producing in greatest abundance the large delicious fruits. (See illustration of field above.) 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 ft. cars loaded four deep with 820 melons. They will distance all long melons in a year or two. The melon is a fine shipper, fine cutter and finest looking melon I ever saw."

We could secure but a few pounds of the truest and best selected seed and will sell it while it lasts as follows:
Pkt., 10c.; ½-oz., 20c.; oz., 35c.; ¼-lb., \$1.00; pound, \$3.50, postpaid.



New Watermelon, Tom Watson. Packet, 10 cents.



New Upright Sweet Pepper. Packet, 10 cents.

New Upright Sweet Pepper

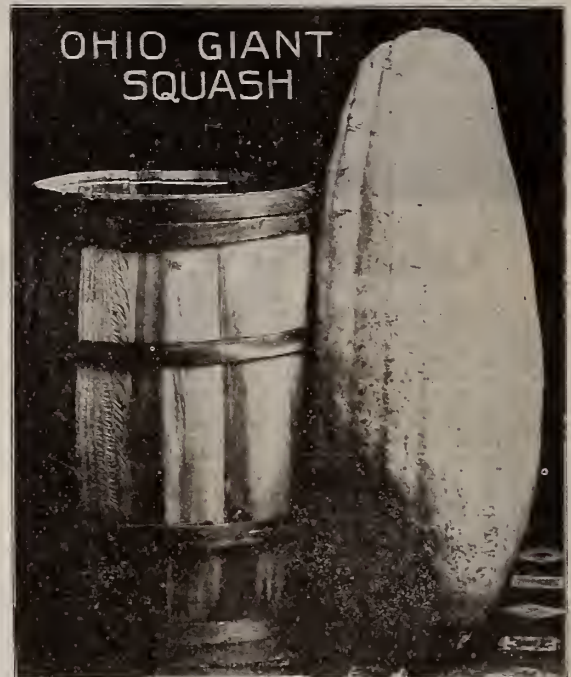
UNEQUALLED IN MILDNESS; UNEQUALLED IN PRODUCTIVENESS; UNEQUALLED IN SWEETNESS; UNEQUALLED IN THICKNESS OF FLESH.

In 1905 we found a single plant of this distinct new pepper growing in a field of our Ohio Crimson. It is a unique pepper similar to several other upright peppers of recent introduction, but we believe decidedly superior in several essential points. The plants are very sturdy and erect in growth, and produce in great abundance superb fruits which are borne stiffly erect at each fork of the branches.

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. (See illustration.) 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 new Upright Sweet Pepper will prove a grand market pepper, as well as the very best for the home garden.

Pkt., 10c.; ½-oz., 65c.; ¼-lb., \$1.75; 1b., \$6.50.



We Believe that fresh, pure seeds of the crop of 1908 cannot be purchased anywhere at lower prices than we quote. The country is flooded with poor, cheap seeds, but the risk of planting them is too great. Poor seed would be expensive even as a gift. **LIVINGSTON'S SEEDS** have all been tested. We send out only seeds we know to be good.

ROSES

That Will Bloom the First Season

Large, sturdy, 2-yr.-old, field-grown plants with from 3 to 7 branches cut back to about 2 feet high. **LIVINGSTON'S CHALLENGE COLLECTION** of 5 Magnificent Hardy Roses is the greatest offer we have ever made. See back cover for illustration in natural colors. Description inside of back cover.

Wonderful New Ohio Giant Squash

THE GREAT PRIZE WINNING SQUASH. UNEXCELLED FOR EXHIBITION PURPOSES.

This great squash has been grown locally in Central Ohio for many years, but does not seem to be as generally known as it deserves. It is 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, sometimes four feet long and weighing nearly 100 lbs. 80-lb. squashes are quite common. (See illustration showing the Ohio Giant beside a full-sized cracker barrel). To grow for Fairs and Shows it is unequalled. The color is a deep orange irregularly mottled with a heavy greyish netting. The flesh is a rich deep golden-yellow. It is splendid for stock feeding and also makes good pies. If you want to grow a big squash, try this one. Pkt., 10c.; oz., 25c.; ¼-lb., 75c.

New Grape, Regal

This splendid grape has been well tested in different sections. It is very hardy, having endured thirty degrees 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. The cluster is of a very desirable size—medium to large—cylindrical, very compact and handsome. (See illustration). Berries are large, persistent, translucent, dark red, juicy, with a skin thin but tough. The pulp tender—easily freeing its seeds. A one-year vine planted on the grounds of M. Crawford in 1901 ripened eighteen clusters in 1902, and one hundred and ten clusters in 1903, one of the largest weighed fourteen ounces.

We believe the Regal possesses a valuable combination of qualities that eminently fit it to take front rank for either home use or market. 1 year-old vine, 30c.; 4 for \$1.00; 2 year-old vine, 40c.; 3 for \$1.00.



New Grape, Regal.

A Grand New Aster Vick's Mikado Pink

THE PREMIER OF SHELL-PINK ASTERS—
A NOVELTY OF STERLING WORTH.

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. (See cut).

It is a most exquisite shade of shell pink imaginable. It is destined to be among Asters what the Enchantress is among Carnations. For a mid-season pink this Aster is without a rival. 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 abundantly this past season in spite of severe droughts and poor soil. It was not uncommon to find plants with a dozen long, strong, graceful stems each crowned with flowers from four and a half to six inches in diameter. The flower photographed was over six and a half inches. It is our belief that under favorable circumstances this variety can be made to grow flowers seven and a half inches in diameter, with stems two feet or more in length.

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., 25c.

VICK'S MIKADO WHITE—A magnificent New Aster, same as Mikado Pink except in color, which is a pure glistening white. Pkt., 20c.



New Aster, Vick's Mikado Pink. Packet, 25 cents.

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.

Japanese Air Plant (Art Fern)

THE LATEST WONDER OF THE PLANT WORLD.

This beautiful and unique plant is one of the greatest novelties of recent introduction. The fronds are from 4 to 8 inches long, exquisitely feathery and graceful and of a brilliant grass green color. They require neither water nor soil, and will retain their dainty freshness indefinitely. (See illustration.) Placed in small jardiniere or tiny hanging baskets they are very beautiful and excite the wonder and curiosity of all who see them. In our retail store they sell on sight, thousands having been sold since we have been handling them. Fine bushy plants, 25c. each, postpaid.

Japanese Air Plant. Each, 25c.

Our Great \$1.00 Vegetable Collection

CONTAINING HIGH CLASS STANDARD SEEDS, ALSO MANY NEW VARIETIES.

BY MAIL, POSTPAID. Positively no Changing can be Allowed. Made-up of our Regular Sized Packets, and not put-up expressly for the occasion. Positively no discount can be allowed on this Collection. Other Discounts or Special Offers in this book or any of our other price lists, do not apply to or can not be taken advantage of in connection with this Collection.

- | | |
|--|--|
| 1 Beans—Dwarf, New Giant Stringless Green-Pod. | 17 Musk-Melon—Tip Top. Salmon flesh, delicious. |
| 2 Beans—Dwarf, Livingston's New Pencil Pod Wax. | 18 Onion—Ohio Yellow Globe. Best for general crop. |
| 3 Beet—Crosby's Egyptian. Very early and very good. | 19 Onion—Indiana Silver-Skin. Fine; flat; good keeper. |
| 4 Beet—Detroit Dark Red. Early, smooth, round, sweet. | 20 Pepper—Ruby King. Large, sweet and prolific. |
| 5 Cabbage—Early Spring. One of the best for early use. | 21 Parsnip—Hollow Crown. Large and extra sweet. |
| 6 Cabbage—Livingston's Ideal. The best Winter variety. | 22 Parsley—Moss Curled. Very fine green variety. |
| 7 Celery—Golden Self-Blanching. Finest flavor. Very crisp. | 23 Peas—Prolific Early Market. Extra early and good. |
| 8 Celery—Livingston's Snowwhite. Early; good flavor. | 24 Peas—McLean's Advancer. Early and sweet. |
| 9 Cucumber—New Cumberland. A splendid pickler. | 25 Radish—Cincinnati Market. Great favorite for early. |
| 10 Cucumber—Livingston's White-Spine. Best slicer. | 26 Radish Scarlet Globe. Fine olive-shaped, bright-red. |
| 11 Sweet Corn—Livingston's Evergreen. Sweetest of all. | 27 Radish—White Lady Finger. Beautifully crisp and tender. |
| 12 Sweet Corn—Extra-Early Premo. Very early and sweet. | 28 Squash—Giant Golden Summer Crookneck. Best summer. |
| 13 Lettuce—Big Boston. Tender. Large headed sort. | 29 Squash—Hubbard. Fine for Winter use. |
| 14 Lettuce—Grand Rapids. Best curled lettuce. | 30 Tomato—Livingston's Perfection. Fine red variety. |
| 15 Water-Melon—Sweet-Heart. Quality very delicious. | 31 Tomato—Livingston's Globe. No better purple sort. |
| 16 Musk-Melon—Rocky Ford. Green flesh. Very sweet. | 32 Turnip—Purple-Top White Globe. One of the best. |

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.

Fields of Growing Seeds on our New Kirkersville Seed Farm,

Livingston's TRUE BLUE Vegetable Seeds

In this department may be found all that is best in Vegetables—except our specialties for 1909—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 catalogue 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 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.

Asparagus

German—Spargel. French—Asperge. Spanish—Esparrago.

It can be grown in any good garden soil, but does best in sunny, moist soil. To grow plants from seed, sow in drills about one inch deep, in rows one foot apart. Keep the soil mellow and free from weeds, during the Summer, thin out, and the following Spring plants may be set in beds six feet wide with a two-foot path each side; set the plants one foot apart each way, four inches below the surface. Annually, after cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be thoroughly cultivated into the soil. As soon as the tops turn yellow in the Fall they should be cut and removed from the beds, and just before Winter cover the beds with four inches of coarse straw manure or leaves, which should be removed in the Spring. A bed 6 x 40 feet is ample for an ordinary family, and when well established is good for twenty 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.; ¼-lb., 30c.; lb., 85c.

CONOVER'S COLOSSAL—A large and rapid grower of excellent quality. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 45c.

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.; ¼-lb., 25c.; lb., 65c.

DONALD'S ELMIRA—A good, reliable, mammoth variety of very fine quality. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

PALMETTO—A large dark green variety, of vigorous growth, having pointed tips. Early. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 55c.

Large leaflet on culture free to customers.



Palmetto Asparagus. Packet, 5c.

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
Conover's Colossal....	30c	\$1 15	65c	\$5 00
Columbian Mammoth White.....	35c	1 25	75c	5 50
Early Argenteuil.....	35c	1 25	75c	6 00
Palmetto.....	35c	1 25	75c	5 50

50 at the 100 rate, 500 at the 1000 rate.

Special Prices Quoted on Larger Quantities.

New Carolina Queen Asparagus

See page 4

ASPARAGUS CULTURE

A book giving all possible details as to Growing, Soil, Marketing, Canning, etc., for home use or market. 150 pages, 5 x 7. Cloth, 50c., postpaid.

ASPARAGUS ROOTS AND SEEDS ARE A SPECIALTY WITH US.



LIVINGSTON'S RESORTED ASPARAGUS ROOTS

Artichoke

German—Artichoke. French—Artichaut. Spanish—Alcachofa.

LARGE GLOBE OR PARIS—This Artichoke is grown for its flower heads, which are cooked like Asparagus. Hardy, easily cultivated. Seed can be sown early in April in a rich seed bed in drills one inch deep and twelve inches apart, thinning.

when up, to four inches apart. Protect in Winter with a slight covering. The second season they form heads. Once established they continue bearing for years. Pkt., 5c.; oz., 25c.; ¼-lb., 80c.; lb., \$3.00.

JERUSALEM ARTICHOKE ROOTS—For description and prices see Farm Seed List, page 55.

BEANS

Absolutely Stringless,
Tender and
Delicious

German—Krup-Bohnen. French—Haricots Nains.
Spanish—Frigolis.

PACKETS OF BEANS

put up to sell at Five cents, 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.

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; 1/2-pk. \$1.50.**



Handsome
Round Pods

Livingston's "New Hardy Wax" Bush Bean

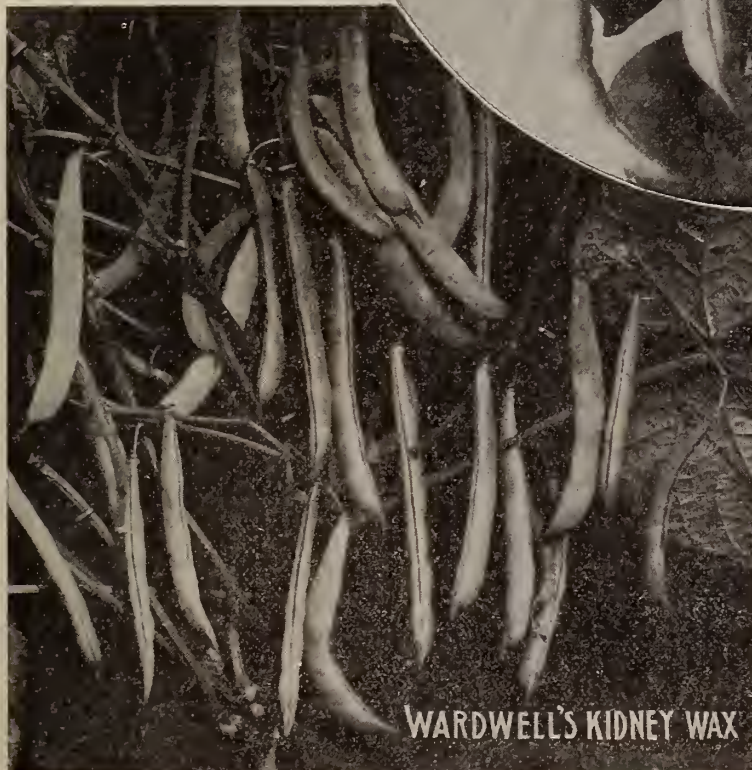
THE FINEST WAX BEAN IN CULTIVATION
Enormous Yields. Robust Grower.
Unsurpassed Quality.

In Livingston's New Hardy Wax, which we first offered in 1906, it seems we have at last attained to perfection in Round Podded Wax Beans. We have received nothing but the most enthusiastic reports from those who have tried it, and we believe it is going to be the most popular bean we have ever introduced.

The process of perfecting this splendid new sort has been carried on for several years by Mr. C. N. Keeney, who is well known as the foremost bean expert in the United States.

The plants are unusually robust with strong, healthy foliage, resisting disease and unfavorable weather, showing no constitutional weakness, and when sown in Spring, Summer or Fall, invariably produce, in greatest abundance, handsome, waxy, golden-yellow pods about 5 to 6 inches long. (See illustration). It is remarkably early for so large a sort and its reliability for producing a big crop will make it pre-eminently a market-gardener's favorite.

It is a good shipper and its great beauty makes it salable anywhere. Pods are very solid, meaty and tender, absolutely stringless and the flavor is unsurpassed. **Pkt., 10c.; pt., 30c.; qt., 50c.; 4 qts., 90c.; pk., \$1.70; bu., \$6.25.**



WARDWELL'S KIDNEY WAX

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. (See illustration.) **Pkt., 10c.; pt., 30c.; qt., 50c.; 4 qts., 80c.; pk., \$1.50; bu., \$5.50.**

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 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., \$1.75; bu., \$6.50.**

Dwarf Wax-Podded Beans (Continued)

KEENEY'S RUSTLESS GOLDEN WAX

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 practically ever-bearing until frost. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.

IMPROVED GOLDEN WAX—GREENELL'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., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.

JONES' STRINGLESS WAX—Round, stringless pods of fine quality. Very hardy and productive. Pods handsome, fleshy, and well filled; beans white; can be sold green or dry. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.85; bu., \$7.00.

PROLIFIC GERMAN BLACK WAX—Pencil Pod Strain—Pods long, fleshy, round, waxy, yellow, solid and tender; very early. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.

YOSEMITE MAMMOTH WAX—The monster wax pods are nearly all solid pulp, absolutely stringless, cooking tender and delicious rich golden-yellow. Pkt., 10c.; ½-pt., 25c.; pt., 40c.; qt., 75c.; pk., \$2.45.

BURPEE'S BRITTLE WAX—An extra early and hardy variety of fine quality; long, round, meaty pods of rich golden-yellow; immensely productive. Pkt., 10c.; ½-pt., 20c.; pt., 35c.; qt., 65c.; pk., \$2.00.

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.

NEW ROUND POD KIDNEY WAX

A selection from the famous Wardwell's Kidney Wax Bean. As its name indicates, its pods are round, instead of flat. 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.

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

Dwarf Green Podded Beans

STRINGLESS GREEN-POD

A very early variety, having long, straight, round and fleshy pods free from strings. The dry beans are oval, of a chocolate brown color, very fine. (See illustration.) Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

GIANT STRINGLESS GREEN-POD

This bean has a much larger pod than the above, or about one-third larger than the Valentine—average five inches long. Full and fleshy, extremely crisp and absolutely stringless; very early and prolific. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.50.

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., 40c.; pk., \$1.25; bu., \$4.50.

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., \$1.10; bu., \$4.00.

Hodson "Green Podded" Bush Bean

Entirely unaffected by rust or blight; an exceptionally strong and robust grower; an 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. Its table quality is first-class, and if picked young the pods are entirely stringless; an excellent shipper. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

BLACK VALENTINE

Very hardy, with a capacity for resisting unfavorable weather and disease. Long, straight, green pods of fair quality, and enormously productive. Ready in 50 days from sowing for market, for which purpose it finds much favor in the South. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.60; bu., \$6.00.

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

LIVINGSTON'S ROUND SIX WEEKS

A most excellent green-podded snap bean. Extra early; strong grower and abundant cropper. Pods green, very fleshy, free from strings when young, excellent quality. Beans round and yellow when ripe. A favorite with market gardeners. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

DWARF HORTICULTURAL—Speckled Cranberry. A splendid variety for shell beans. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bu., \$4.50.

EARLY MOHAWK—Productive; very hardy. Very early. Large flat dark green pods. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.



EXTRA-EARLY REFUGEE—Hardy; abundant bearer. Ten days earlier than Refugee or 1000 to 1. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

LONG YELLOW SIX WEEKS—A fine early string bean. Flat pods; light green color. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.15; bu., \$4.25.

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

IMPROVED NAVY or BOSTON PEA BEAN—A very productive variety. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.25.

WHITE KIDNEY or ROYAL DWARF—Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.50.

WHITE MARROW—Extensively grown; good green or dry. The standard soup. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., \$1.00; bu., \$3.50.

BUSH LIMA BEANS POLE BEANS

These varieties are of true Bush or Dwarf form, growing but eighteen to twenty 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.

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., \$1.15; pk., \$2.10.

HENDERSON'S BUSH LIMA—Compact bush form, and produces large crops. Delicious flavor. Pkt., 10c.; ½-pt., 15c.; pt., 30c.; qt., 50c.; ½-pk., \$1.05; pk., \$1.90.

THORBURN, or DREER'S BUSH LIMA—Very productive; thick, sweet, tender, succulent. A fine sort. Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., \$1.10; pk., \$2.00.

BURPEE'S BUSH LIMA—The bushes are of stout growth, branching so vigorously that each plant makes a large bush. Immense yielder of well-filled pods of large beans, as luscious in flavor as the Pole Limas. Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., \$1.15; pk., \$2.10.

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.; ½-pk., \$1.10; pk., \$2.00; bu., \$7.50.

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 easily opening pods. Very productive, hardy and vigorous. Produces pods early, and continues to the last of the season. The green beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the large White Lima. Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., \$1.00; pk., \$1.75; bu. \$6.50

DREER'S IMPROVED—Beans thick, sweet and tender. Especially good for the home-garden. Enormously productive. Pkt., 10c.; ½-pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.35.

SIEVA, or SMALL LIMA—Early, and the small beans are of luscious flavor. Fine sort for the kitchen garden. Pkt., 10c.; ½-pt., 15c.; pt., 30c.; qt., 50c.; pk., \$1.85.

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.; ½-pk., \$1.00; pk., \$1.75; bu., \$6.50.

LARGE WHITE—The old favorite for home use or the market. Pods and beans very large. Pkt., 10c.; ½-pt., 15c.; pt., 30c.; qt., 50c.; ½-pk., \$1.00; pk., \$1.75; bu., \$6.50.

Broccoli

French—Chou Brocoli.
German—Spargel Kohl.

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 two and a half feet apart, leaving eighteen 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.; ¼-lb. \$1.

EARLY PURPLE CAPE—Rather harder sort, with greenish-purple heads; good flavor. Pkt., 10c.; oz., 30c.; ¼-lb., \$1.00.

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, three to four feet apart; plant six to ten beans in a hill, two 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.

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. (See illustration.) 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.; ½-pt., 20c.; pt., 30c.; qt., 50c.; ½-pk., 80c.; pk., \$1.50; bu., \$5.50.

KENTUCKY WONDER (Old Homestead)—Very prolific, long, green-podded, stringless, snap-bean. Pods round and very crisp; most deliciously flavored, and very meaty. Pkt., 10c.; ½-pt., 15c.; pt., 30c.; qt., 50c.; ½-pk., \$1.00; pk., \$1.75; bu., \$6.50.

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.; ½-pt., 15c.; pt., 25c.; qt., 50c.; ½-pk., 85c.; pk., \$1.60; bu., \$6.00.

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. Pkt., 10c.; pt., 25c.; qt., 50c.; pk., \$1.50; bu., \$5.50.

White Dutch Case-Knife—Green or dry. Pkt., 10c.; ½-pt., 15c.; pt., 25c.; qt., 45c.; ½-pk., 85c.; pk., \$1.60.

Speckled Cranberry—Old "Bird Egg" Pkt., 10c.; ½-pt., 15c.; pt., 25c.; qt., 45c.; ½-pk., 85c.; pk., \$1.60.

Red Speckled Cut-Short—"Corn Hill" Pkt., 10c.; ½-pt., 15c.; pt., 25c.; qt., 45c.; ½-pk., 90c.; pk., \$1.70.

Early Golden Cluster Wax

Pods bright golden-yellow, stringless, tender and of most delicious flavor. A splendid snap-bean. Vines strong and hardy; very early, and continues bearing until frost. Beans clear waxy-white; an excellent shelled-bean also. Pkt., 10c.; ½-pt., 20c.; pt., 35c.; qt., 60c.; ½-pk., \$1.25; pk., \$2.30; bu., \$8.50.

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, six to eight inches, semi-round; stringless, very tender, and delicious. The dry seed is pure white, and resembles that of the Dwarf White Kidney Bean.

Livingston's Royal Corn Pole Bean will produce twice as many string beans from the same ground as any of the bush kinds. Grows in clusters; takes but a very short time to gather a bushel, and no stooing 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.; ½-pt., 20c.; pt., 30c.; qt., 50c. By Express, not prepaid—½-pk., 80c.; pk., \$1.45; bu., \$5.25.

Brussels Sprouts

German—Sprossen Kohl. French—Chou de Bruxelles.

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 two 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.; ¼-lb., 60c.; lb., \$1.75.

BORECOLE OR KALE—See Kale.



Pint and Quart Prices of Beans include Postage.

Garden Beets For Table Use

German—Salatrube.

French—Betterave.

Spanish—Remolacha.

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 hot-beds 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 IMPROVED
EGYPTIAN BEET**

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 out-door forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, (see illustration above); 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 any one in the trade.

CROSBY'S IMPROVED EGYPTIAN. Extra Selected Stock—Grown by ourselves. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., 90c.; 5 lbs. \$4.25
CROSBY'S IMPROVED EGYPTIAN. Superior Stock—Grown for us under contract. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.; 5 lbs. \$2.75

EXTRA-EARLY EGYPTIAN

Very early, dark blood-red, medium size, tender and sweet; one of the best for kitchen gardens. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

LENTZ'S EXTRA-EARLY BLOOD TURNIP—A great favorite with market gardeners in the vicinity of New York and Philadelphia. Of rapid growth; fine form, exceedingly sweet, and delicious, retaining its color when cooked. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

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.; ¼-lb., 20c.; lb., 55c.

EDMAND'S BLOOD TURNIP—Very uniform. Root 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.; ½-lb., 20c.; lb., 50c.

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.; ¼-lb., 20c.; lb., 50c.

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.; ¼-lb., 20c.; lb., 50c.

LONG DARK BLOOD-RED—Good keeper; of good size; flesh dark blood-red. Excellent for Winter. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 45c.

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.; ¼-lb., 20c.; lb., 55c.

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.; ¼-lb., 20c.; lb., 45c.

ARLINGTON FAVORITE—Of fine form, good flavor, deep blood-red flesh, small foliage; for the market garden, hard to excel. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

Swiss Chard or Summer Spinach—A peculiar variety of beet 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.; ¼-lb., 20c.; lb., 60c.

THERE IS MONEY IN GARDENING!
If you plant the right kind of seeds. Livingston's seeds are right; right in quality; right in price. Thousands have said so.

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.; ¼-lb., 20c.; lb., 55c.

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.; ¼-lb., 15c.; lb., 35c.

Mangel-Wurzels For Feeding Stock

An ever increasing acreage is being planted for stock beets, because of the wonderful results by 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 2½ to 3 feet apart as soon as the ground can be thoroughly worked. Cover seed about 1½ 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 sows an acre.



Detroit Dark Red Turnip Beet. Packet, 5c.

IMPROVED MAMMOTH LONG RED, also called Norbiton Giant, Jumbo Mangel, Colossal, etc.—A favorite with the farmer and dairyman; large well-formed; blood-red color; very nutritious; a big cropper. (See cut.) Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By express—Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.

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.; ¼-lb., 15c.; lb., 35c. By express—Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.

CHAMPION YELLOW, or Orange Globe—Very productive; easily pulled; excellent keeper; spherical in shape; orange-yellow. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By express—Lb., 25c.; 5 lbs., \$1.00.

GOLDEN GIANT INTERMEDIATE (Yellow Leviathan, Mammoth Yellow)—Beautiful russet-yellow; skin smooth; flesh white, firm and sweet; productive; easily pulled; good keeper. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By express, lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.

RED GLOBE—Similar to Champion Yellow, except color. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By express—Lb., 25c.; 5 lbs., \$1.00.

SPECIAL PRICES GIVEN ON MANGEL-WURZELS, OR SUGAR BEETS IN 100 POUND QUANTITIES.

If unable to find what you want, refer to Index on last page of this catalogue.

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

French—Macee.

German—Lemmersalat.

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 Winter.

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

The Best Four 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.

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.; ¼-lb., 15c.; lb., 35c. By Express—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.; ¼-lb., 15c.; lb., 35c. By Express—Lb., 25c.; 5 lbs., 90c.

LANE'S IMPERIAL—Especially good for stock feeding. Large, smooth, of fine grain and very sweet. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 35c. By Express—Lb., 25c.; 5 lbs., \$1.00.

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.; ¼-lb., 15c.; lb., 35c. By Express—Lb., 25c.; 5 lbs., \$1.00; 10 lbs., \$1.90.



Cress or Pepper-Grass

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., 55c.

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 one foot part. Pkt., 10c.; ½-oz., 25c.; oz., 40c.

WATER CRESS—The well-known hardy perennial aquatic plant. It 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.

All varieties offered in this catalogue with Livingston's name attached, may be depended upon as being of surpassing merit.

Livingston's High-Bred Cabbages

German—Kohl.

French—Chou.

Spanish—Berza de repolla.

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 hot-beds 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 4 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 began to head. To prevent splitting or bursting go frequently over the ground and start every cabbage that appears about to mature, by pushing them over sideways, which breaks some of the roots and checks its growth. To prevent attacks of 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 2,500 plants. Four ounces will grow enough plants to set an acre.

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 (see cut) 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 15 to 18 lbs. As solid as Early Winningstadt. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 60c; lb., \$2.00.

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; ½-oz., 15c; oz., 25c; ¼-lb., 60c; lb., \$1.85.



New Cabbage, The Volga. Packet, 10c.

Eureka First-Early

As claimed by the introducer of the Eureka First-Early, in comparison with Early Jersey Wakefield, that it is heavier, hardier, earlier, and, in addition, has a flat head; our many trials of this variety proved to be true. We had heads fit for market five days earlier than Early Jersey Wakefield. Its shape and excellent table qualities make it a favorite with consumers. It is a cabbage of excellent constitution, healthy, and not subject to disease, a reliable header, extra early, and a sure and productive cropper. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 60c; lb., \$2.00.



Early Jersey Wakefield Cabbage just as it comes from the field. Packet, 5c.

Livingston's Reliable Seeds
Produce Profitable Crops

The Splendid New Cabbage The Volga (No. 20)

VERY TRUE TO TYPE, AND EXTREMELY HARDY

Read what the veteran Cabbage specialist, C. L. Allen, has to say about 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. (See illustration.) In some respects it is a vegetable wonder, as the heads are about equal size and shape, weighing from twelve to fifteen pounds each, round as a ball, the largest measuring about twelve inches in diameter, either way. Unlike most varieties, the heads are perfectly solid, and the stem does not run up into the head nearly so far; the flesh is exceedingly firm, tender and white, making it a most desirable form for kraut, as well as all other purposes. In respect to hardiness—we have never seen a type which would favorably compare."

This type will mature its heads fully two weeks earlier than any of our late-growing kinds. It is predicted that The Volga, within a few years, will lead in all cabbage growing sections as an early-maturing main crop variety. Large Cabbage growers are very enthusiastic in their report concerning The Volga. It should be tried by all. Pkt., 10c; ½-oz., 20c; oz., 35c; ¼-lb., \$1.00; lb., \$3.00.

ALL-HEAD EARLY

A thoroughbred sort, on account of its remarkably uniform size and shape and reliability for heading. 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 1,000 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., \$1.85.

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., 20c; ¼-lb., 50c; lb., \$1.50.

EARLY SPRING—A New Extra-Early Flat-Headed Variety. As early as Early Jersey Wakefield. Yields one-third more than any other extra early cabbage on the same space of ground. Plant them 21 inches apart and you have 13,000 per acre. It has the peculiarity of heading firmly even before fully grown; it is also flat-headed, making it a valuable variety for extra-early market or home use. Pkt., 5c; ½-oz., 15c; oz., 25c; ¼-lb., 60c; lb., \$1.85.

IT WILL PAY YOU to try LIVINGSTON'S valuable new TOMATO, and their wonderfully sweet new SUGAR MELON. See Novelty Pages

Livingston's

IDEAL CABBAGE

(See illustration)

A few days earlier than Livingston's Premium Flat Dutch, and one of the most magnificent strains of Late Flat Dutch known today. By persistent selection, year after year, it has been brought to a state of perfection rarely attained. The large, solid heads, the low, short stems, the absence of useless foliage, uniformity of size and shape, reliability for heading, and long-continued selection mentioned above, all combine to make this the Ideal Cabbage for profit. Pkt., 5c.; 1/2-oz., 15c.; oz., 25c.; 1/4-lb., 75c.; lb., \$2.25.



Livingston's Ideal Cabbage. Packet, 10c.

Read the Opinions of some who have grown Livingston's Ideal.

MR. CHARLES R. SHAFER, Adams Co., Ill., writes us under date of September 14th, 1907, as follows: "Last spring I received a package of your Ideal Cabbage seed, and on looking over your catalogue I see that one of your customers says he raised Cabbage from the Ideal that weighed from 30 to 40 lbs. I thought he was stretching it a good deal. I planted the plants on the poorest piece of ground I have, and I just want to say that I have raised some fine cabbages and they are not done growing yet. I have just taken first prize for the heaviest cabbage at the Plainfield Co. Fair—my cabbage was trimmed down to eating stage and it weighed 15 1-4 lbs."

MRS. A. A. SCUDFE S., Vinton Co., Ohio: "I do not think there is any better Cabbage than your Ideal. I planted it again this year."

E. B. SHANNON, Henry Co., Ky.: "Your Ideal Winter Cabbage is the largest and nicest I have ever used. They cook in half the time of others. Also best for 'Cold Slaughter' I have tried."



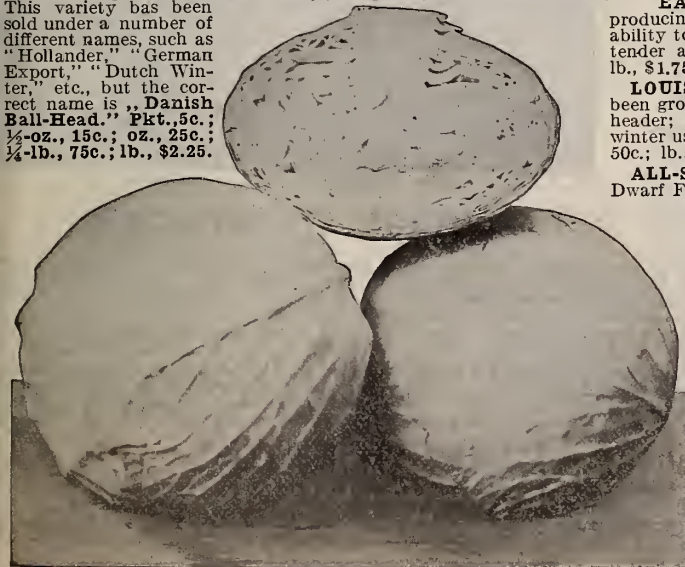
Field of Ideal Cabbages.

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. Such has been the demand among our customers for this fine-grained cabbage 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 carloads, and sell by weight. (See illustration below.)

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.; 1/2-oz., 15c.; oz., 25c.; 1/4-lb., 75c.; lb., \$2.25.



Danish Ball-Head Cabbages. Packet, 5c.

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., 20c.; 1/4-lb., 50c.; lb., \$1.50.

EARLY DWARF FLAT DUTCH—Excellent second early variety, producing fine, large heads. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad, round, flattened on top, tender and fine-grain. Pkt., 5c.; 1/2-oz., 10c.; oz., 20c.; 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.; 1/2-oz., 10c.; oz., 20c.; 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. 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.; 1/2-oz., 10c.; oz., 20c.; 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.; 1/2-oz., 10c.; oz., 20c.; 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.; 1/2-oz., 15c.; oz., 25c.; 1/4-lb., 60c.; lb., \$2.00.

MARBLEHEAD MAMMOTH—The largest variety of cabbage ever produced. A very desirable variety for warm latitudes; also to grow for prizes, exhibition at fairs, etc. Pkt., 5c.; 1/2-oz., 15c.; oz., 25c.; 1/4-lb., 60c.; lb., \$2.00.

SUREHEADER—Very reliable header; large, round, flattened heads, and is remarkable for its certainty to head; good keeper and shipper. It is very sweet-flavored, has but few loose leaves, keeps well, and as a cabbage for the kitchen garden is unequalled. Pkt., 5c.; oz., 20c.; 1/4-lb., 55c.; lb., \$1.85.



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 seed stock is always grown from heads (not from stalks after the heads were taken off) fully developed and perfect in every respect; this strain has no superior. 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 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.; $\frac{1}{2}$ -oz., 15c.; oz., 25c.; $\frac{1}{4}$ -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.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

LARGE AMERICAN DRUMHEAD—A superior Fall and Winter variety; large heads. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

FOTTLER'S SHORT-STEM BRUNSWICK—A 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.

LUPTON—A Grand Cabbage, combining the second early and late sorts. Strong in constitution, perfect in type, with all the fine qualities of early maturing varieties. The stalk is short; color dark green; very large heads in proportion to the plant. Grows uniform, heads good, and is a splendid keeper. Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.65.

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



Improved American Savoy Cabbage. Packet, 5c.

AL. SIMMONS, Hardin Co., Ohio: "I have grown your Ideal and Premium Flat Dutch Cabbage for a number of years and have found them the best Winter varieties I ever grew."

MISS MARY LOVE, Buchanan Co., Iowa, writes: "We have had our seeds from you for the past thirty years, and we know they are alright."

Grand New Cabbage, "Glory of Enkhausen," see page 4



Autumn King or World Beater. Packet, 5c.

SAVOY CABBAGES

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. Grown for use in the Fall and allowed to be touched by frost they are most delicious.

SMALL EARLY SAVOY—Best early dwarf Savoy; heads firm, solid, beautifully crimped; finest quality. Pkt., 5c.; $\frac{1}{2}$ -oz., 15c.; oz., 25c.; $\frac{1}{4}$ -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; compact grower; sure header; keeps well. The best Savoy Cabbage for main crop. (See illustration.) Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

RED CABBAGES

EXTRA-EARLY BLOOD-RED ERFURT—Earliest and reddest. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

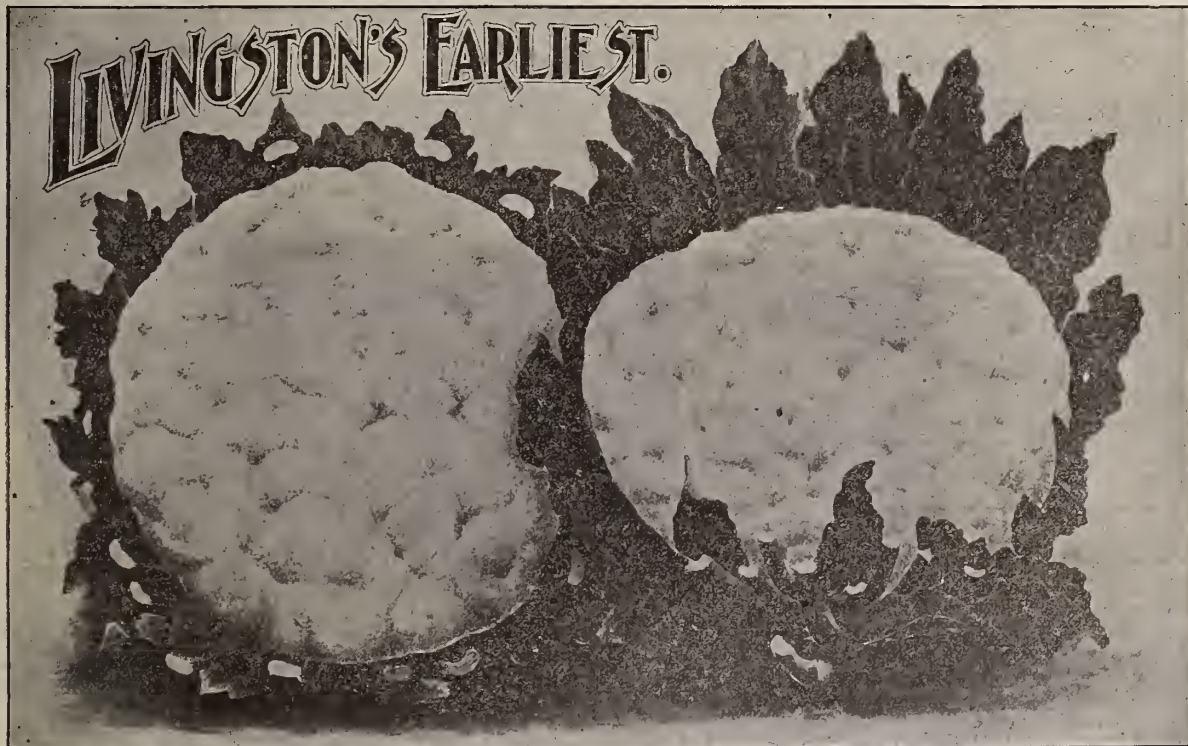
MAMMOTH ROCK RED—Heads as large as Large Late Flat Dutch, deep-red to center; highly recommended. Hard as a rock. Pkt., 5c.; $\frac{1}{2}$ -oz., 15c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.25.

Cauliflowers

German—Blumen Kohl. French—Chou-Fleur. Spanish—Coliflor.

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 hot-bed in January or February, and transplant the plants 2 or 3 inches apart in boxes or

in the soil of another hot-bed, 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. For late crop, sow at same time and treat in the same way as with late Cabbage. Set the plants in the field 2 feet by 15 inches apart. If properly hardened off they are seldom injured any 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 hot-bed should be no richer than in the field, to prevent the plants from receiving a check when planted out. No seed is more important than Cauliflower. The price should not be considered when selecting seed. **One ounce gives from 1500 to 2000 plants.**



THE BEST FOR EARLY AND LATE CROPS. THE MOST POPULAR VARIETY IN CULTIVATION TO-DAY.

Livingston's Earliest Cauliflower

NO SEED IS MORE IMPORTANT THAN CAULIFLOWER. The Price should not be considered. No half-packets will be supplied.

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 sure header. Market gardeners who have grown this splendid strain for more than ten years are perfectly satisfied. (See illustration above).

Price (under our True Blue Seal)—Pkt., 25c.; ¼-oz., 85c.; oz., \$3.00; ¼-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 our Livingston's Earliest Cauliflower. It is especially adapted for growing in dry locations where all other sorts fail to do well, as on account of its having very large leaves, which furnish greater protection to the heads, this sort seems especially adapted to heading perfectly in dry or warm weather. 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, on account of the dryness of the location, it will be found that a good crop of this delicious vegetable can easily be obtained. Pkt., 25c.; ¼-oz., 75c.; oz., \$2.50; ¼-lb., \$8.50.

HENDERSON'S EARLY SNOWBALL—One of the best types of Cauliflower on the market. The outer leaves are short. 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.; ¼-oz., 75c.; ½-oz., \$1.40; oz., \$2.50; ¼-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.; ¼-oz., 25c.; oz., 60c.; ¼-lb., \$1.75; lb., \$6.00.

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. Our stock has been especially recommended by our Danish grower. While this fine strain is as yet very scarce, we would like all our gardener friends to test it for themselves. Pkt., 35c.; ¼-oz., \$1.00; oz., \$3.50.

EXTRA-EARLY DWARF ERFURT—Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. A sure header. Pkt., 15c.; ¼-oz., 65c.; ½-oz., \$1.20; oz., \$2.00; ¼-lb., \$7.00.

LARGE LATE ALGIERS—A splendid late variety; popular with canners and market-gardeners. Pkt., 10c.; ¼-oz., 30c.; oz., 75c.; ¼-lb., \$2.50.

S. P. ASH, South Vineland, N. J., writes: "Livingston's Cauliflower is the best Cauliflower that has been grown in this section. Enclosed find order for quarter-pound; I will want more of it."

DON'T FAIL TO TRY Livingston's 2-YEAR-OLD FIELD-GROWN ROSES. They Bloom the First Season. See Back Cover.

Carrots

German—Mobren.
French—Carotte.
Spanish—Zanaboria.

The value of the Carrot is not appreciated, as it should be, for its table qualities as well as a food for stock. 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, which if plowed the Fall before so much the better. Sow in early Spring in drills 15 to 18 inches apart, 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 sows an acre.**

Improved Danvers Half-Long

The Best for General Crop. Will Yield the most per Acre. Most Profitable for Market-Gardeners—(Stump-Rooted) see illustration—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 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.; ¼-lb., 25c.; lb. 75c**

Improved Long Orange

(Pointed-Rooted)

The standard late variety; very handsome and uniform in shape (see illustration); 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 three inches in diameter. For feeding milk 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.; ¼-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.; ¼-lb., 25c.; lb., 85c.**

Too much cannot be urged 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 Long Orange Carrot. Packet, 5c.



Improved Danvers Half-Long Carrot. Packet, 5c.

SAINT VALERY, 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.; ¼-lb., 20c.; lb., 65c.**

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.; ¼-lb., 20c.; lb., 65c.**

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. (See illustration). A most excellent forcer. **Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.**

IMPROVED CHANTENAY—(Stump-Rooted)—One of the best for home or market. Deep-red flesh, fine grained and good flavor; excellent for table use; always smooth; very early; productive. **Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.**

OXHEART, or GUERANDE—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.; ¼-lb. 25c.; lb., 75c.**

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.; ¼-lb., 20c.; lb., 65c.**

BELGIAN CARROTS

The great stock food of Europe. Enormously productive; nutritious, and splendid keepers.

IMPROVED SHORT WHITE—Very large, half-long roots; pearly-white; it is the heaviest cropper known. **Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 45c.**

LARGE WHITE GREEN TOP—Standard for field culture. **Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 45c.**



Livingston's Early Market Carrots. Packet, 5c.

Livingston's Celery Seed

German, *Sellerie*.

French, *Celerie*.

Spanish, *Apios*.

One ounce of seed produces about 2000 plants.

Leaflet on Cultivation of Celery sent free, if asked for with order.

Livingston's New Celery, Snowwhite

BEAUTIFULLY WHITE, CRISP AND TENDER.

The new Snowwhite is a pure-white, self-blanching variety, introduced by us in 1902 after five years of careful selection and improvement. It is without a rival in purity of color. It does well where others fail. 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; lb., \$3.50**

J. A. M., Washington, Jan. 19th: "This is my 20th year in growing celery. I have grown most all the different kinds, but have never yet found anything that equalled Snowwhite."

SELECTED WHITE PLUME

The White Plume is almost self-blanching. Naturally its stalks and portions of the inner leaves and heart are so near white that by closing the stalks, either by tying or simply drawing the soil up against the plants and press-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. We have made a specialty of White Plume ever since its introduction. **Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.**

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.; 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.; lb., \$1.75.**

GIANT PASCAL

A green-leaved variety, which developed from the Golden Self-Blanching; retains the beautiful color, thick, solid, crisp stalks and incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks. Unequalled 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., 40c.; lb., \$1.40.**

Golden Self-Blanching Celery

Our ENTIRE STOCK this season 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, 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; lb. \$3.75.**

BOSTON MARKET

A vigorous grower; very branching; excellent keeper; remarkably tender, crisp and solid. Best variety for light soils. **Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 50c.; 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.; lb., \$1.75.**

GOLDEN ROSE

Yellow and rose tinted; rich and beautiful; self-blanching, early, solid and crisp. **Pkt., 5c.; ½-oz., 15c. oz., 25c.; ¼-lb., 75c.; lb., \$2.50.**

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.; lb., \$1.50.**

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 red sorts. **Pkt., 5c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.**

We can also supply **GIANT WHITE SOLID, PERFECTION HEART, WELL, and NEW ROSE** at uniform price—**Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 50c.**

Celeriac

or Turnip-Rooted Celery

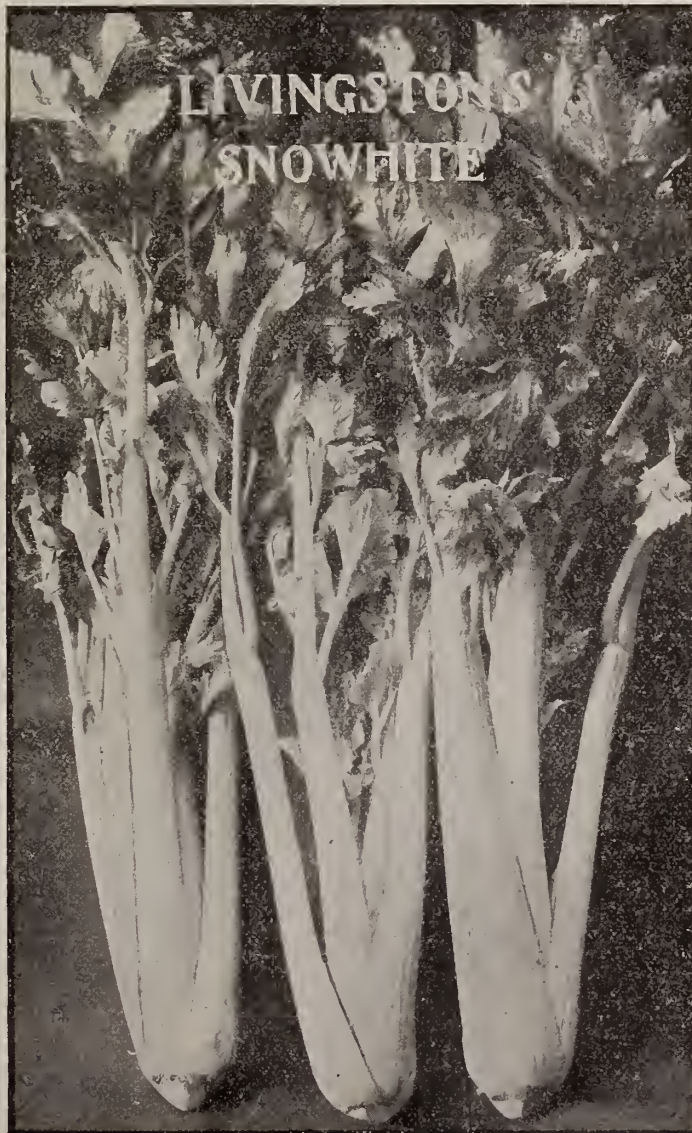
Sow seed the same way as Celery. Transplant into rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots. Earthing up is not necessary. The roots may be cooked or used as salad.

APPLE-SHAPED—**Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.50.**

GIANT SMOOTH PRAGUE

A large and smooth variety. Desirable for market; an excellent keeper. **Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.50.**

Celery Plants Ready early in June—see List, page 52



Corn Sweet or Sugar

German—Welschkorn.

French—Mais.

Spanish—Maiz.

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

PINT AND QUART PRICES INCLUDE POSTAGE If to go by Express, at buyer's expense, deduct 15c. from quart, or 8c. from pint prices. Half-pecks, pecks and bushels sent at buyers expense.



The Superior New Sweet Corn, Extra-Early Premo, Large Packet, 10 cents.

THE Superior New Sweet Corn 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 five 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.

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 eight to nine 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 cut.)

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.; ½-pk., 50c.; pk., 90c.; bu., \$3.25.

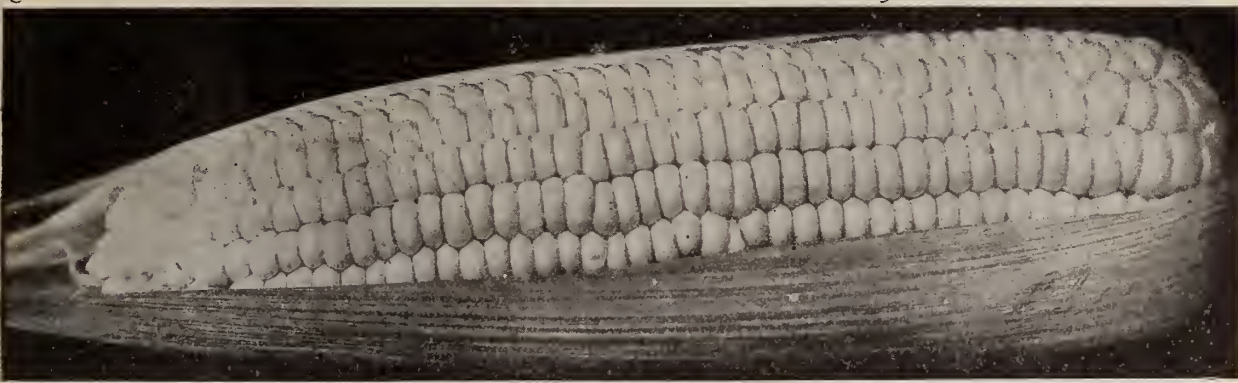
Peep-O'-Day Sweet Corn

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 co-operate in 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 a hill, 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.; peck, \$1.10; bushel, \$4.00.

EXTRA-EARLY ADAMS—Hardest and earliest corn. It is not a Sugar Corn, but grown for early use. Ears short, kernels very white. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.

EARLY ADAMS—Similar to Extra-Early Adams; ear somewhat larger, but not quite so early; is good for early table use. Like above is hardy, and can be planted early. Pkt., 5c.; pt., 20c.; qt., 35c.; pk., 90c.; bu., \$3.25.





COLUMBUS MARKET SWEET CORN (Illustrated above)

The New Columbus Market is ready for the table with the second earlies, such as Crosby's Early, Sbakker's Early, etc., but is fully twice as large as any of them. The ears carry an average of sixteen 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.

BURLINGTON HYBRID—Not a pure Sweet Corn, but quality better than the Adams varieties; in size and appearance ahead of any Sweet Corn of its season. Pkt., 5c.; pt., 25c.; qt., 40c.; ½-pk., 65c.; pk., \$1.10; bu., \$4.00.

EXTRA-EARLY WHITE CORY—Identical with Extra-Early Cory (see page 22), except color; the cobs are white. Pkt., 5c.; pt., 25c.; qt., 40c.; ½-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.; ½-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 sort. Pkt., 5c.; ½-pt., 15c.; pt., 25c.; qt., 45c.; ½-pk., 75c.; pk., \$1.25.

SHAKER'S EARLY—Splendid market sort; second-early; large; white cob and kernels. Pkt., 5c.; pt., 25c.; qt., 40c.; ½-pk., 60c.; pk., \$1.00; bu., \$3.75.

EARLY MINNESOTA—White cob and kernels. Pkt., 5c.; pt., 25c.; qt., 40c.; ½-pk., 65c.; pk., \$1.10; bu., \$4.00.

CROSBY'S EARLY—Standard old sort; very sweet; early; good size. Pkt., 5c.; pt., 25c.; qt., 40c.; ½-pk., 60c.; pk., \$1.00; bu., \$3.75.

PERRY'S HYBRID—An early variety of large size; ears well-filled with pure white kernels. A strong grower and much esteemed. Pkt., 5c.; pt., 20c.; qt., 35c.; ½-pk., 55c.; pk., 95c.; bu., \$3.50.

HICKOX IMPROVED—Earlier than Stowell's Evergreen, and having large attractive ears, very white, rich flavor. Fine quality. Pkt., 5c.; pt., 20c.; qt., 35c.; ½-pk., 55c.; pk., 95c.; bu., \$3.50.

EGYPTIAN—Ears very large, and uniform; cob and kernel white; very productive; a superior late sort. Pkt., 5c.; pt., 20c.; qt., 35c.; ½-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.; ½-pk., 60c.; pk., \$1.00; bu., \$3.75.



COUNTRY GENTLEMAN SWEET CORN

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. Size of ear attractive; has small cob, and retains its tenderness for a long time. Pkt., 5c.; ½-pt., 15c.; pt., 25c.; qt., 40c.; ½-pk., 60c.; pk., \$1.00; bu., \$3.75.

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.; ½-pk., 65c.; pk., \$1.10; bu., \$4.

STOWELL'S EVERGREEN

A favorite with canners and market-gardeners for table 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.; ½-pk., 55c.; pk., 95c.; bu., \$3.50.

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., 25c.; qt., 40c.; ½-pk., 60c.; pk., \$1.00; bu., \$3.75.

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., 25c.; qt., 40c.; ½-pk., 60c.; pk., \$1.00; bu., \$3.75.

"4 Best" Sweet Corns for the Home Garden

This collection will supply the table continuously with a succession of luscious sweet corn throughout the entire season. Corn that is always just right for eating, milky and tender. An ideal selection for the family garden.

Premo, Extra Early. Country Gentleman, Main Crop. Columbus Market, Early. New White Evergreen, Late.

1 large packet each of above, 15c., postpaid.
1 pint each of above, 75c.; 1 quart each of above, \$1.35, postpaid.

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.

Cucumbers

German, *Gurken*.
French, *Concombre*.
Spanish, *Pepino*.

THE BEST
for slicing,
for pickles,
for mar-
ket, for
home

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 sowed 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 over-feeding, 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 Cucumber

This private strain we have had over thirty years, and it is the most thoroughbred, uniform and shapely variety known (see illustration) 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.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.15; 5 lbs., \$5.00; 10 lbs., \$9.00.

EXTRA-EARLY RUSSIAN—Small, extra-early, hardy, productive, good for small pickles. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

EARLY FRAME or SHORT GREEN—A popular early variety of medium size and good shape; good for small pickles. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

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.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

GREEN PROLIFIC or BOSTON PICKLING—Of uniform growth, seldom too large for pickling; immensely productive. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

GIANT PERA—Large, smooth, straight; flesh, white, crisp and tender; good for slicing. Originators stock. Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

EARLY GREEN CLUSTER—Short and prickly; bearing in clusters; prolific; fine for bottling. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 85c.

TAILBY'S HYBRID—A cross between the White-Spined and an English Frame variety; combining the hardness of the former, and beauty and size of the latter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

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.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

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.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

COOL AND CRISP—The beautiful green color is all that can be desired. Excellent for pickling or slicing. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

GHERKINS (True West India)—Used only for pickles. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.50.

WESTERFIELD CHICAGO PICKLING—Popular with Chicago gardeners. Medium length, slightly pointed at ends, very large, prominent spines; deep-green. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

JERSEY PICKLING—Intermediate between Long and Short Green; long, slender, cylindrical; crisp and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.

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.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.



LIVINGSTONS EXTRA EARLY
WHITE SPINE
CUCUMBER



Packet, 5c.

For Finest Flavor, try
Livingston's White Spine Cucumber

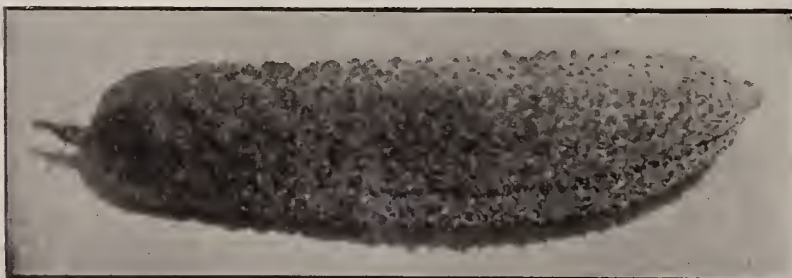
RAWSON'S HOT-HOUSE FORCING—A new and very superior greenhouse sort. Very long; deep green; straight. Pkt., 10c.; oz., 50c.; $\frac{1}{4}$ -lb., \$1.50; lb., \$3.50.

HILL'S FORCING WHITE SPINE—Large, straight and well formed; full at ends; productive; skin deep-green, holding color well. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

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 as choice for slicing as for pickles. The flesh is firm, very crisp and tender at all stages. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 35c.; lb., \$1.15.

NEW DAVIS PERFECT CUCUMBER
See Novelties, Page 6.



Cumberland Cucumber. Packet, 5c.



Livingston's Evergreen Pickling Cucumber (Illustrated above.)

Introduced by us in 1890, now well-known the country over, catalogued 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.; ¼-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. Packet, 10c.; ounce, 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.; ½-oz., 15c.; oz., 25c.

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 hot-house growers, also hard to excel for outdoor cultivation. Pkt. 10c.; oz. 50c.

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.; ½-oz., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

English Frame or Forcing Cucumbers

Used in greenhouse growing, for which they are especially fitted. **NOA'S FORCING**—Most excellent sort; prolific. Pkt., 15c.

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

LIVINGSTON'S
EMERALD
CUCUMBER



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.; ¼-lb., 40c.; lb., \$1.25.

Egg-Plant

German—Eierpflanze. French—Aubergine. Spanish—Berengena.

Egg-Plants should be more generally grown, for when well-grown and properly cooked it is a most delicious vegetable. The seeds germinate slowly, and therefore should be started early in flats or boxes in a strong, uniform heat, and kept constantly growing, because the young plants seldom recover if checked in their growth. Sow seeds in hot-bed or warm greenhouse in March or early April; if no hot-bed 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 three or four 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, two to three 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

Spineless. Northern Grown Seed. (See cut.)

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. While immense size was one of the main objects, we did not lose sight of other valuable points essential in a first-class market variety. 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**. It is very important that growers have the best seed and variety obtainable, for if poorly grown, irregular in shape, or green in color, Egg-Plants are quite unsalable, and your time and money expended are both wasted. **Selected Seed—Pkt., 10c.; ½-oz., 20c.; oz., 35c.; ¼-lb., \$1.25; lb., \$4.50.**

G. F. SMITH, Estero, Florida, writes: "I wish to thank you for the high standard of the Mammoth Egg Plant seed I bought of you. They are all you represent them and more. My entire shipment averaged 16 fruits to the half-barrel crate, while last year my crop packed 30 to 40, same crate."

BLACK BEAUTY EGG PLANT

This recently introduced Egg-Plant is, we believe, one that will surely please many of our customers, from whom we have recently received many inquiries for a black-fruited Egg-Plant. It is 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.

Packet, 10c.; ½-oz., 25c.; oz., 45c.; ¼-lb., \$1.50; lb., \$5.50.

LIVINGSTON'S
MAMMOTH
PURPLE
EGG PLANT

Selected Seed,
Packet, 10c.



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

EARLY LONG PURPLE—A hardy, early, oblong variety, somewhat longer in shape than the other sorts. Pkt., 5c.; ½-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 is a very fine strain of this popular variety. Pkt., 10c.; ½-oz., 20c.; oz., 35c.; ¼-lb., \$1.25; lb., \$4.25.

MR. A. J. GODDARD, Te: Ceia, Florida, writes: "I planted your Mammoth Purple Egg-Plant last season. They are the finest Egg-Plant I ever saw. Every fruit a beauty, and of large size."

Dandelion

French—Pissenlit. Spanish—Amargon.
German—Pardeblum.

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.; ½-oz., 30c.; oz., 50c.; ¼-lb., \$1.50; lb., \$5.00.

Endive

French—Chicoree. German—Endivien.
Spanish—Endivia o Escardla

Its leaves make a splendid salad, when properly blanched, and one that is very useful, as it comes in after lettuce is gone. 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 a conical form, thereby excluding the light and air from their inner leaves, which then blanch to a beautiful yellowish white.

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 and becomes very crisp, tender and very fine flavored. (See cut.) Pkt., 5c.; oz., 15c.; ¼-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 frequently almost white. Pkt., 5c.; oz., 15c.; ¼-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.; ¼-lb., 45c.; lb., \$1.50.

BROAD-LEAVED BATAVIAN—Broad, thick, slightly wrinkled leaves; forms very large heads, which are much used in soups and stews, and also makes an excellent salad. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.



Fine Green Curled Endive. Packet, 5c.

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; porous, tough, elastic and durable; 2 ft. long; vines highly ornamental. Pkt., 5c.; ½-oz., 20c.; oz., 35c.
- BOTTLE-SHAPED**—Yellowish-white fruit with circles of dark green. Pkt. 5c.
- COCCINEA INDICA**—Has beautiful, glossy foliage and scarlet fruit. Pkt. 10c.
- DIPPER**—Used for dippers; 9 to 12 inches long; hold from one to four pints; will last for years. Pkt., 5c.; oz., 20c.
- GOOSEBERRY**—Small dark-green fruit, resembling gooseberries. Pkt., 5c.
- HERCULES CLUB**—Longest of all; 2 to 6 feet long, in color white. Pkt., 5c.
- JAPANESE NEST EGG**—Exactly like a hen's egg in shape, color and size; most useful for nest eggs. Pkt., 5c.; ½-oz., 15c.; oz., 25c.
- LEMON AND ORANGE SHAPES**—Attractive; very ornamental. Pkt., 5c.
- PEAR-SHAPED**—A great variety of ringed and striped fruits, very pretty and all have the pear-shape. Pkt., 5c.; ½-oz., 15c.
- SNAKE, or SERPENT**—Has long fruits, sometimes 5 feet, and is striped like a serpent. A vegetable curiosity. Pkt., 10c.; 3 pkts., 25c.
- SUGAR-TROUGH**—Holds 4 to 10 gallons; hard, thick shell; very light, strong and durable; good for buckets, nest-boxes, soap and salt dishes, and to protect early set-out tomato plants on frosty nights. 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; sure to give unlimited pleasure to both elders and children; has many odd and fantastic shapes. In splendid mixture. (See illustration.) Pkt., 5c.; large pkt., 10c.; ½-oz., 20c.; oz., 35c.



Livingston's Extra Fine Mixture of Gourds. Large pkt., 10c.

Herbs Sweet, Pot, Culinary, and Medicinal

Herbs in general, delight in a rich, mellow soil. Sow the seed in the early Spring in shallow drills one foot apart; cover lightly with fine soil, and when up a few inches thin out to proper distances apart, 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; this care will insure their being preserved in good condition for future use. 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.; ¼-lb., 40c.; lb., \$1.35.

DILL—This herb is used in large quantities in the making of Dill Pickles; also for flavoring vinegar. The seed has medicinal properties as well. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

HERBS—Other Leading Varieties

Anise.....	PKT.	5c	oz.	10c
*Balm.....	5c	15c		
Borage.....	5c	10c		
*Caraway, lb., 50c.....	5c	10c		
*Catnip or Catmint.....	5c	30c		
Coriander, lb., 50c.....	5c	10c		
Dill.....	5c	10c		
*Fennel, Sweet.....	5c	10c		
*Horehound.....	5c	15c		
*Lavender, Sweet.....	5c	15c		
Pennyroyal.....	10c	60c		
Peppermint.....	10c			
*Rosemary.....	5c	25c		
*Rue.....	5c	15c		
Saffron.....	5c	10c		
Summer Savory.....	5c	10c		
Sweet Basil.....	5c	10c		
Sweet Marjoram.....	5c	10c		
*Tarragon.....	10c			
*Thyme.....	5c	25c		
*Winter Savory.....	5c	15c		
*Wormwood.....	5c	20c		



Siberian Kale. Packet, 5c.

HALF-DWARF MOSS CURLED—A particularly fine variety, possessing all the merits of both the tall and dwarf kinds; of compact, bushy growth; the foliage is light-green and toward the center yellowish-green. The edges of the leaves are so beautifully crimped that it resembles Fine Curled Parsley. Also much used for garnishing. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

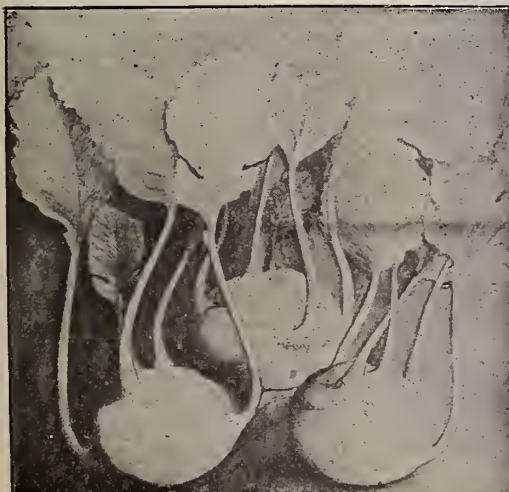
SIBERIAN KALE—Dwarf growth, bluish-green leaves; extensively grown as winter greens; sow in September in rows a foot apart, and cultivate the same as Spinach; very hardy and makes excellent Spring greens. We offer a very choice strain of this variety. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c. (See illustration) Special Prices made for Large Quantities of Kale Seed.

Kale, or Borecole

German—Blatter Kohl. French—Chou Vert. Spanish—Bregon.

Kale, Borecole, or German Greens, are general terms applied to these classes of Cabbage, which do not form heads, but furnish an abundance of pretty curled leaves that are very ornamental and highly prized as food. Some of the varieties are the most tender and delicate of the cabbage family and would be much more extensively grown if their excellent qualities were generally known. 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 like cabbage; transplant and cultivate in the same manner. Hardier than 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 and will remain over Winter, where the temperature does not fall below zero. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.



Earliest White Vienna Kohl-Rabi. Packet, 5c.

Kohl-Rabi Turnip-Rooted Cabbage

German—Kohl-rabi. French—Chou Rave. Spanish—Colinabo.

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 hot-bed, transplant and cultivate like Early Cabbage. For Winter 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.; ¼-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.; ¼-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 for Multiplier Onions. Garlic is used for flavoring purposes. Bulbs—(Postpaid) oz., 5c.; ¼-lb., 15c.; lb., 40c.

Lettuces

French—Laitue.
German—Salat.
Spanish—Lechuga.

soil very fine and firm. Mark off into rows two inches apart and $\frac{1}{4}$ -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 $\frac{1}{4}$ -inch deep with fine soil, and when well-up thin to 12 inches apart in the rows. **One ounce of seed sows 100 square feet; plants 120 feet of row; or produces 3000 plants.**

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, handsome and solid when grown inside, somewhat more loose when grown in the garden. (See illustration). Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

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.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

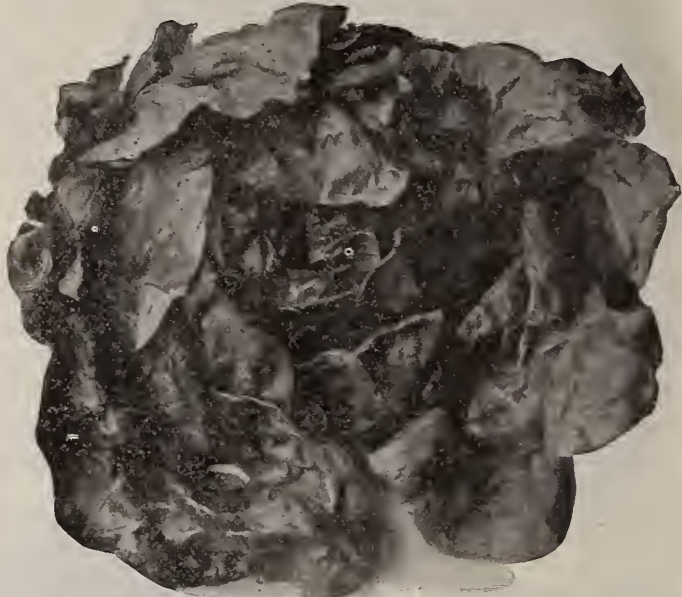
Immensity

Also called **Maximum**. Of enormous size, probably the largest known variety of Lettuce. Very solid heading, deliciously crisp, and of superb quality. Not early, but just the variety to follow the early ones, as it will withstand very warm weather and remain crisp. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.

Iceberg

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.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.25.

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 four inches deep. Make



Livingston's Selected Big Boston Lettuce.

Livingston's Selected Grand Rapids Lettuce

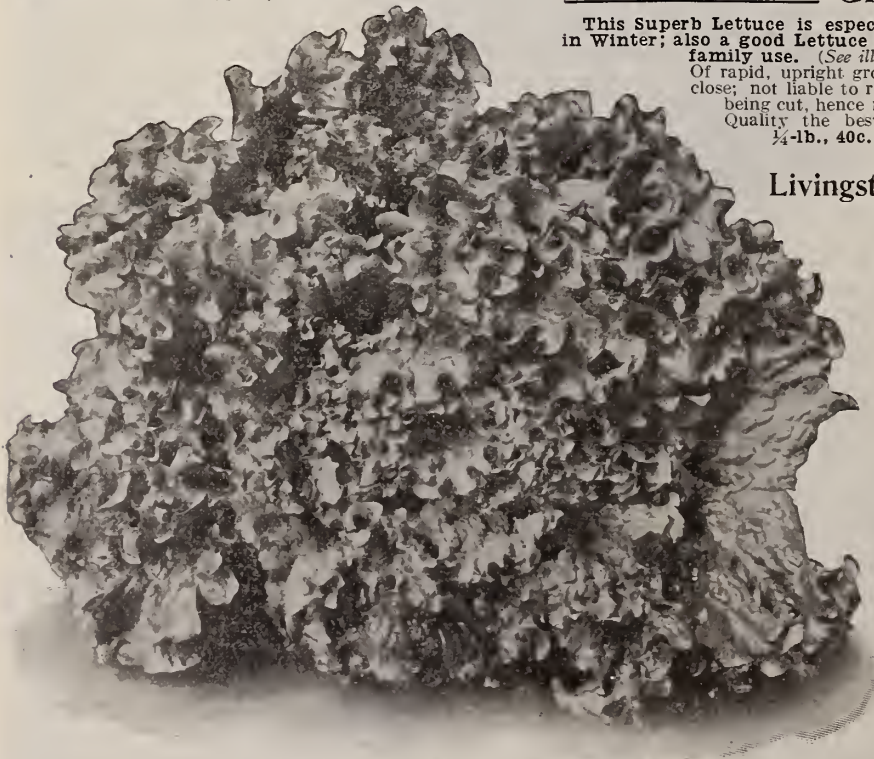
This Superb Lettuce is especially adapted for greenhouse culture in Winter; also a good Lettuce to sow outside early in the Spring for family use. (See illustration.) Very beautiful in appearance. Of rapid, upright growth, and may therefore be planted quite close; not liable to rot; retains its freshness a long time after being cut, hence much sought after by dealers and shippers. Quality the best. Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 15c.; $\frac{1}{4}$ -lb., 40c.; lb., \$1.50.

Livingston's "Bon Ton" Lettuce

This fine variety is of the Simpson Lettuce type, but unlike because the Large "Bon Ton" Lettuce comes almost absolutely uniform and true. Whole greenhouses full of it are frequently seen without an apparent variation in type. One greenhouse man says of it: "It is the most uniform in growth of any lettuce." It is a very quick grower. A marketman writes us: "I do not know of any lettuce that will make as large a head in so short a time." It is deliciously sweet and tender, and remains so, even when running to seed. It has a beautiful light green outer head, changing to a rich cream shade at the heart. It is just enough wrinkled to make it beautiful, yet not enough so as to render it difficult to prepare 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.

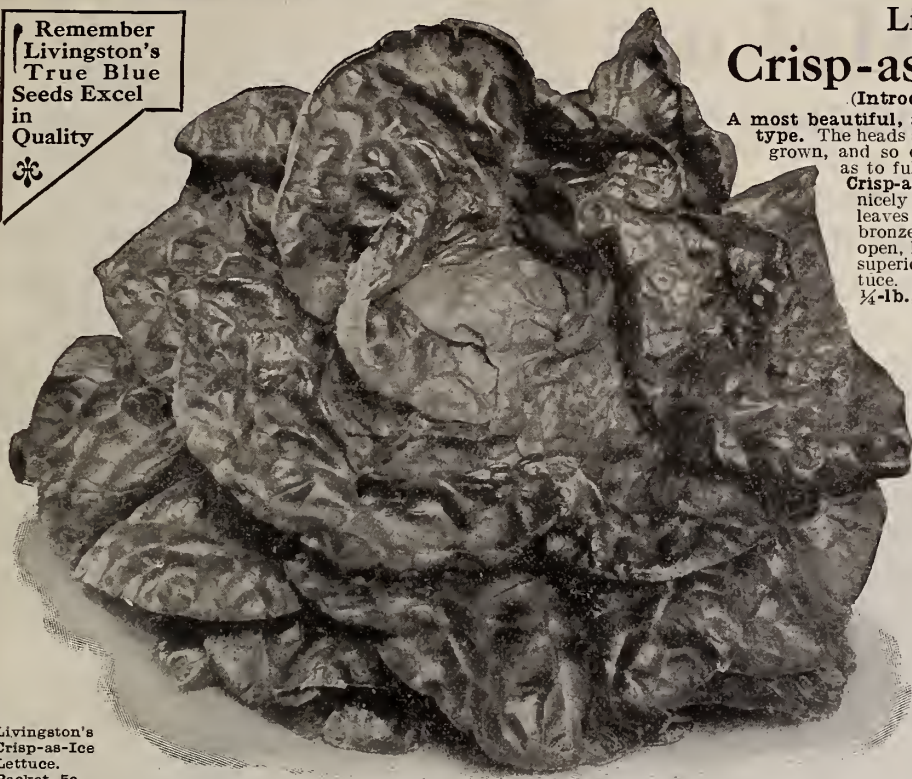
Special Lettuce Collection.

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 Selected Grand Rapids Lettuce. Packet, 5 cents.

Remember Livingston's True Blue Seeds Excel in Quality



Livingston's Crisp-as-Ice Lettuce. Packet, 5c.

Livingston's Crisp-as-Ice Lettuce

(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.; ½-oz., 10c.; oz., 15c.; ¼-lb., 50c.; lb., \$1.75.

CALIFORNIA CREAM BUTTER—A very fine Butter Lettuce. Heads very large, round, and solid; outside green; within the leaves are a rich, creamy-yellow color; most delicious and buttery in taste. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

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.; ½-oz., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

DEACON—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 heads blanch 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.; ¼-lb., 40c.; lb., \$1.25.

May King

This remarkable variety has proved itself capable of satisfying the most exacting requirements that could be made on an early outdoor Lettuce; while it can also be easily and most satisfactorily raised in a cold-frame. 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 fifteen days before other heading varieties and stands a long time before showing signs of running to seed. Externally of a yellowish-green with light brownish tinge; the leaves inside are of a golden-yellow shade; and in point of flavor unexcelled by any sort. This Lettuce has been highly appreciated wherever grown or tried, and is sure to become popular everywhere. Pkt., 5c.; oz., 15c.; ½-oz., 10c.; ¼-lb., 40c.; lb., \$1.50. (See illustration.)

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.; ½-oz., 10c.; oz., 15c.; ¼-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.; ¼-lb., 40c.; lb., \$1.25.

PRIZE-HEAD—Mammoth heads; even the outer leaves are crisp and tender; light-green, tinged with brownish-red. Superb flavor; very hardy; fine for home use; too tender to ship any great distance. Pkt., 5c.; oz., 15c.; ¼-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.; ¼-lb., 40c.; lb., \$1.25.

MAMMOTH SALAMANDER—Large, compact heads; color light green, shading to white at center; leaves thick, smooth, tender and of fine quality. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

SILVER BALL—One of the best all-the-year-round lettuces. Good for early Spring, Summer, or Winter forcing. Excellent quality; heads silver-white, compact, with beautifully curled leaves. Pkt., 5c.; oz., 15c.; ¼-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.; ¼-lb., 30c.; lb., \$1.00.

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.; ¼-lb., 40c.; lb., \$1.25.

DENVER MARKET, or Savoy Lettuce—An early head-lettuce for forcing or open ground. Heads large, solid, and of a desirable light-green color. Leaves beautifully marked and blistered; very crisp, tender, and delicious. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

LIVINGSTON'S LETTUCE MIXTURE

ONE SOWING PRODUCES SALAD FOR THE SEASON.

Contains a grand assortment of decidedly distinct, beautiful, rare odd, 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.; ½-oz., 15c.; oz., 25c.



May King.

Packet, 5c.

Improved Hanson

None more reliable for outdoor cultivation. Heads grow to a remarkable size, resembling that of a flat cabbage, and exceedingly 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.; ¼-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 blanched, are stiff like celery, and can be eaten in the same manner. Pkt., 5c.; ½-oz., 10c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.25.

We can also supply the following well-known Lettuces: New York, Mammoth Marbled, Tennis-Ball, Black and White-Seeded. Price of each, Pkt., 5c.; oz., 15c.; ¼-lb., 40c.

Leeks

BROAD SCOTCH or LONDON FLAG—A hardy kind; large, strong plants with broad leaves. Cultivation the same as for Onions. Pkt., 5c.; oz., 15c.; ¼-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.; ¼-lb., 40c.; lb., \$1.25.

Musk-Melons

or Cantelopes

French—Melon Muscade. German—Cantalupe.
Spanish—Melon Muscatel.

Cultivate often and not deep. One ounce of seed will plant 60 hills; 2 to 3 pounds will sow an acre.

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 sixteen years or more with 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. (See photograph).

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 is 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.



Livingston's Tip Top Musk-Melon

Pleases Everyone

MR. C. WICKESSEY, of Marshallville, Ohio, writes March 14, 1907: "Your Tip Top Melons also were ahead of all the varieties of melons which we grew last year. We made money on these, and a host of customers who never knew what good melons were before. I never saw a melon so well bred—all alike, all over the patch. We expected much from the Big Coin, lauded so by a Philadelphia seedsman, but in this patch we had melons large and small, round and oblong, good, bad and indifferent!"

MR. J. J. MILHOUS, Valley Mills, Ind., writes: "I would not begin to say all I think of your Tip Top Melon on paper, because some one would think I was stretching the cloth to make the garment. But when I take a party to my patch of Tip Tops, and open one which has nicely matured (and they all do that way), and he takes a slice, the tale is soon told, as well as the melon is soon gone. I have had two acres of Tip Tops without a bushel of worthless culls. The prices are always Tip Top."

MR. G. C. SHORT Adams Co., O.: "Tip Top Nutmeg Melon stood the test as to quality better than any of the other kinds this excessive wet season."

PRICE { Under our } EXTRA SELECTED STOCK, very choice—Packet, 10c.; ounce, 25c.; ¼-pound, 70c.; pound, \$2.25
{ True Blue Seal } SUPERIOR STOCK Packet, 10c.; ounce, 15c.; ¼-pound, 40c.; pound, \$1.50

RED OR SALMON-FLESHED MUSK-MELONS

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 in. long by 4 in. deep. Very fine for marketing. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

EMERALD GEM—Ripens early; medium size; nearly round; flesh a delicate light-salmon color, very thick, fine-grained, and few melons can compare with it in superb flavor. The rind is thin, dark-green, ribbed, but not netted. One of the best for home use. Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

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.; ¼-lb. 40c.; lb. \$1.25.

KINSMAN'S QUEEN—Similar to Emerald Gem, but will average three times as large. Skin yellowish-green, slightly ribbed and netted; flesh deep-salmon. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.

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 peculiarly conducive to high-quality melons. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

SHUMWAY'S GIANT—Mammoth in size, often as large as a water bucket; a genuine curiosity in the way of a melon; flesh a salmon color, flavor pleasant. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

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 red color. Pkt., 10c.; oz., 20c.

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.; ½-oz., 15c.; oz., 25c.

LIVINGSTON'S NEW OHIO SUGAR MELON—The sweetest Melon that grows. See Novelties, page 5.



New Salmon-Fleshed Musk Melon The Davis Grand

We feel that you will be very much pleased with this new Cantaloupe Melon; the seed we offer you is from the originator, and the following description is his also. First—"The Grand" is ten to fourteen days earlier than "The Osage," under the same conditions. Second—It is salmon-fleshed, and in flavor and quality equals any variety in cultivation. Third—It grows more uniform than any other sort in size (see illustration), flavor, color, and depth of flesh. Fourth—It sets fruits near the roots, has a more vigorous vine, and therefore resists disease better than most sorts. Fifth—It is just the right size, averaging about six inches in diameter. Sixth—It pleases both consumer and grower alike. **Packet, 10c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.50.**

H. NORRIS & CO., Grocers, Jackson, Mich., wrote: "The past season we have used the new Musk Melon raised, by H. B. Davis, called 'The Grand.' The melons gave excellent satisfaction to our customers. Some days we sold as high as twenty-one bushels. The melons are uniform in size, and very sweet and delicious."

W. V. THOMAS, Steward, The Osage Hotel, Jackson, Mich., writes: "I have used this past season, the new Cantaloupe, 'The Grand,' grown by H. B. Davis. I think it the best melon I ever saw, thick meat, thin skinned and fine flavor. It was the first home-grown melon on the market, and lasted until the end of the season."

Many crops of Musk-Melon seed were almost a total failure last season, therefore, when ordering, it will be well to mention a second choice.

Green-Fleshed Varieties

Livingston's New Melon, Ohio Sugar

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

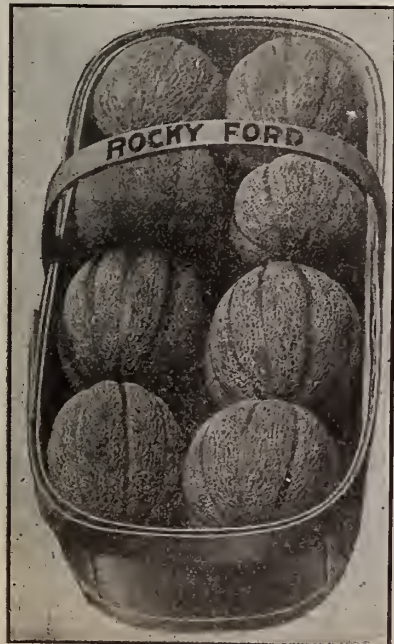
Livingston's Celebrated Rose Gem

A FINE GREEN-FLESHED SHIPPING MUSK-MELON
Named and Introduced by us in 1896.

The illustration along-side is a reproduction of a photograph of this improved Netted Gem Melon. In shape 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.; ¼-lb. 40c.; lb. \$1.50**

"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.; ¼-lb. 40c.; lb., \$1.25.**



IT IS NOT ENOUGH TO KNOW THAT SEEDS GROW. The vital point is, WHAT WILL THEY PRODUCE? LIVINGSTON'S SEEDS are famous for their superior products.

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.; ¼-lb., 40c.; lb., \$1.25.**

BALTIMORE NUTMEG (Acme)—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.; ¼-lb., 40c.; lb., \$1.50.**

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.; ¼-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.; ¼-lb., 40c.; lb., \$1.25.**

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.; ¼-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.; ¼-lb., 40c.; lb., \$1.25.** Perfection, Bay View, Cassaba, Surprise, Hackensack, Early Green Nutmeg, Jenny Lind, 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.; ¼-lb., 40c.; lb., \$1.25.**

Special Melon Offer 3 of Livingston's introductions—TIP TOP, ROSE GEM and MARKET—1 regular packet of each, 15c. postpaid

Water-Melons

German—Wassermelone. French—Melon d' Eau. Spanish—Zandia.

a large percentage of ammonia and potash. Plant eight or ten seeds in each hill, and 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.

Livingston's Nabob Water-Melon

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 thirty to sixty 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-huff 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 condition. Everyone praises its many splendid qualities. (See illustration). Pkt., 5c.; oz., 10c.; 2 ozs., 20c.; ¼-lb., 30c.; 1b., 90c.

Florida Favorite Water-Melon

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 and at an exceedingly low price. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; 1b., 50c.



Livingston's Nabob Water-Melon. Packet, 5c.



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

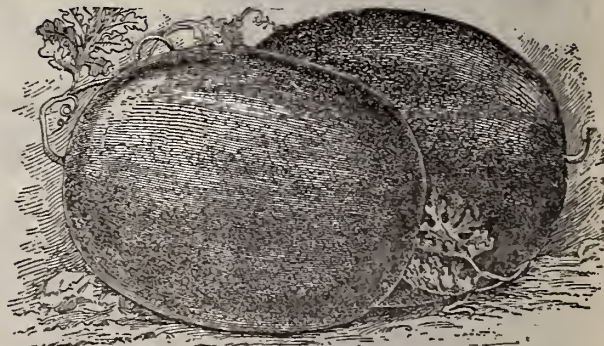
Sweet-Heart Water-Melon

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. (See illustration). Pkt. 5c.; oz. 10c.; ¼-lb. 20c.; 1b. 50c. By Express—5 lbs., \$1.75; 10 lbs., \$3.00.

Water-Melon—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 eighteen to twenty inches in length by ten to twelve inches in diameter; of handsome appearance; ripens early, and is a most desirable variety for the home garden. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; 1b., 75c.



Sweet-Heart Water-Melon. Packet, 5c.

True Ice Cream Water-Melon

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 and delicious. Absolutely free from hard core or stringiness. An elegant sort. Seeds white. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; 1b., 75c.

Kolb's Gem Water-Melon

Probably the most extensively grown for long distance shipping of any water-melon ever originated. The flesh is bright-red and of good flavor. The melons are large and of very thick oval blocky form; skin handsomely marked in stripes of light and dark-green. (See cut). One of the most productive and best keeping melons. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c. By Express—5 lbs., \$1.75; 10 lbs., \$3.00.

Blue Gem (Iceberg)

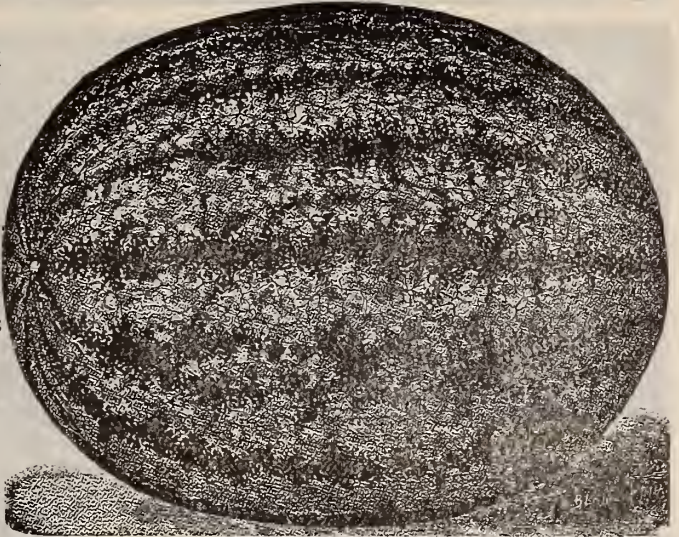
One of the most popular market and shipping varieties. Grown very extensively in the South for Northern markets, and is today the favorite variety with the water-melon growers of New Jersey, who supply the Philadelphia and New York markets; it keeps well and seldom cracks or splits in transit. Its flesh 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.; ¼-lb., 20c.; lb., 50c. By Express—5 lbs., \$1.75; 10 lbs., \$3.00.

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. A good shipper. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 65c.

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.; ¼-lb., 25c.; lb., 75c.



Kolb's Gem Water-Melon. Packet, 5c.

STANDARD WATERMELONS

CUBAN QUEEN—A large variety, weighing eighty pounds and upwards; striped light and dark-green; an enormous cropper. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

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.; ¼-lb., 25c.; lb., 65c.

DUKE JONES (Jones' Jumbo)—Color of the skin is a solid dark-green; flesh a very bright-red, particularly sweet, juicy and melting. It grows to a large size. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; 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.; ¼-lb., 20c.; lb., 60c.

PRIDE OF GEORGIA—A dark-green, oval variety; a very fine, large, second-early sort; a good shipper and keeper. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

GEORGIA RATTLESNAKE, or GYPSY—Very large, long, smooth and distinctly striped; flesh bright-scarlet, very crisp and sweet. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

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.; ¼-lb., 25c.; lb., 75c.

McIVER WONDERFUL SUGAR—Large, oblong and handsome; skin shows broad bands of light-green, with narrower ones of dark-green. Its rose-colored flesh is crisp, very sweet and solid to the center. A choice variety. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

FERRY'S PEERLESS—One of the best for home gardens and market-gardeners who deliver direct to customers. Medium size, flesh red, tender and most delicious. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

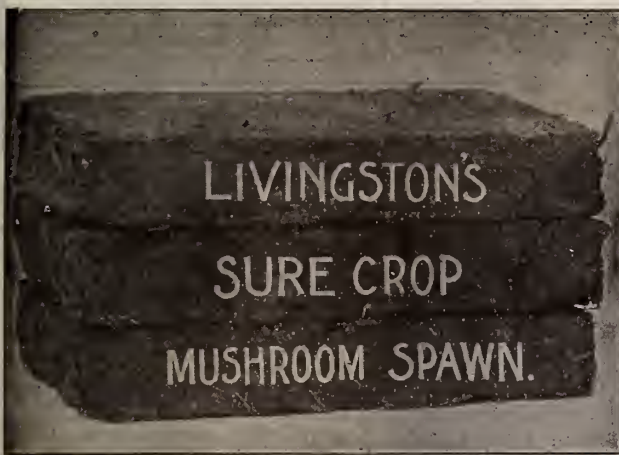
SEMINOLE—One of the best large, long water-melons. Early, enormously productive, and of most delicious flavor. Of two distinct colors—gray, and light-green. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

GRAY MONARCH—Very large; oblong in shape; flesh crimson, and of a delicious flavor. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

BLACK DIAMOND—Very large oval fruits, dark skin, fine quality. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c. By Express—5 lbs., \$1.75; 10 lbs., \$3.00.

PRESERVING CITRON—Red seeded. Most desirable for preserves; flesh solid, and white. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

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.; ¼-lb. 20c.; lb. 60c.



Mushrooms

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

German—Champignon.

French—Blanc de Champignon.
Spanish—Seta.

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 MILLTRAIL SPAWN, (Livingston's Sure Crop) Postpaid, per Brick, 30c.; 5 for \$1.25. By Express, at buyer's expense, lb., 15c.; 5 lbs., 65c.; 10 lbs., \$1.10; 25 lbs., \$2.50; 50 lbs., \$4.50.

FRENCH MUSHROOM SPAWN—Put up in boxes of 2 pounds each. Price per box, 75c.; by mail, \$1.00.

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 buyer's expense, per Brick, 25c.; 5 Bricks, \$1.00; 10 Bricks, \$1.85.

Our new leaflet on "Mushroom Growing" is sent free to customers on request. Don't fail to ask for it.



New Chinese Mustard. Packet, 5c.

MUSTARD

German—Senf. French—Moutarde. Spanish—Mostaza. 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 will sow 50 feet of drill.

SOUTHERN GIANT CURLED—Very highly esteemed in the South, where the seed is sown in the Fall and plants used very early in the Spring as a salad. Seeds brown in color. Plants 2 feet high; forms enormous bunches. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

NEW CHINESE—A giant curled variety with leaves double the size of the ordinary. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 80c.

WHITE ENGLISH—Leaves are light-green, mild and tender when young; seed light-yellow in color. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 40c.

BROWN or BLACK MUSTARD—More pungent in flavor than the White. Seed black. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 40c.



A MILE OF ONION SEED.

Livingston's Superior Onion Seed

WE ARE JUSTLY PROUD
of the Record of the FINE STRAINS of
LIVINGSTON'S ONION SEED.

Having made a specialty of growing Onions for a great many years, both for the market as well as for seed purposes we know that we are in a position to fully appreciate the vital necessity there is for using the most painstaking care in the selection of the Onions that have to be set-out each season; and from which our seed is saved. **There is no crop which depends more upon the quality of the seed than does the Onion crop. GOOD ONION SEED is of the most vital importance, if you expect satisfactory results.** The seed we offer we know is not surpassed anywhere; and is always thoroughly tested for vitality before it is sent to customers, so that success is certain where soil and season are favorable and is equally sure to produce an abundance of well-shaped Onions, free from scullions or stiff-necks. Our one aim has always been, and is, to sell at reasonable prices, and as low as any reliable firm in the American Seed Trade, who have an honest reputation for offering only strictly first-class onion seed to their customers.

German-Zwiebel, French-Ognon, Spanish-Cebolla

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 ahead of the weeds, and before dry weather can set in. **After thoroughly pulverizing the soil, sow thinly 4 to 5 pounds to the acre, in drills one foot apart and about one-fourth inch deep.** When well started, say four inches high, thin-out to stand three to four 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 is said to prevent blight. To get **heavy crops of finest shaped and high colored bulbs,** especially Ohio and other Yellow Globes, large quantities of well-rotted manure must be used—13 to 20 cords per acre would be none too much. If well-rotted manure is not to be had, use high grade commercial fertilizer, containing a large percentage of potash. Onions keep best when ashes, as a fertilizer, are used. 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, 10 cents to others. All onion growers should have it.

It is many times better to plant no onions at all, than to sow the absolutely worthless stuff that is sold in so many cases and called onion seed—and which often times 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 that our various varieties are right—but wherever, or from whomsoever, you supply your needs, do buy seed of known Reliability and established Standard Quality.

Livingston's Extra-Selected Ohio Yellow Globe

GROWN ON OUR OWN FARMS

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, on account of its quick maturing qualities. **Pkt., 5c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.**



Livingston's Ohio Yellow Globe Onion. Packet 5 cents.

ONION GROWERS AND MARKET GARDNERS
WHO USE LARGE QUANTITIES OF ONION SEED
SHOULD WRITE US FOR WHOLE-SALE PRICES

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 a delicate straw color; its attractive appearance and mild flavor give it a ready market. **Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.**

AUSTRALIAN BROWN

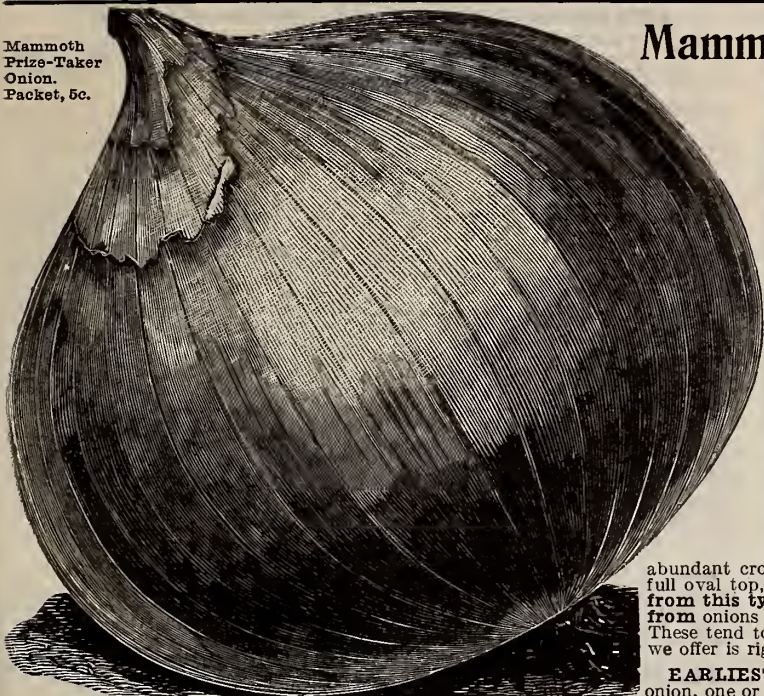
This variety has become very popular in California because of its good keeping qualities, which are, however, more marked in that climate than in the eastern states. The bulb is medium sized, nearly spherical, being slightly flattened; reddish-brown in color and very hard and solid; rather strong flavored. **Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.**

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.; ¼-lb., 40c.; lb., \$1.50.**

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.; ¼-lb., 40c.; lb., \$1.50.**

Mammoth
Prize-Taker
Onion.
Packet, 5c.



Large Red Wethersfield Onion

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 anywhere that large onions can be grown. One of the best keepers. Yields enormous crops. Our stock of Large Red Wethersfield Onion Seed is personally selected by us and excelled by none. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -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 and northern latitudes. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

SOUTHPORT LARGE RED GLOBE ONION

Our strain of Southport Large Red Globe Onion is grown from carefully band selected bulbs, and is sure to produce the large, globular, small-necked type, being quite distinct from the ordinary Red Globe sold today. Popular for general crop. Skin glossy dark-red. A very showy market onion. Flesh fine grained, mild, tender, and of excellent quality. A long keeping, elegant sort, and an immense cropper. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

BERMUDA ISLAND RED ONION

Genuine seed imported direct from the Island of Teneriffe. A very early pale red onion. Extremely mild, sweet flavor. Packet, 5c.; oz., 25c.; $\frac{1}{4}$ -lb., 70c.; lb., \$2.25.

Southport Large White Globe

The handsomest onion grown; beautiful silver-skin, perfect globe shape; of large and uniform size; commands the highest price in the New York markets. We have known the Southport White Globe to be in demand at \$10 per barrel when other varieties were selling for one-quarter this amount. The flesh is firm, fine-grained and of mild and pleasant flavor. (See illustration). Pkt. 10c.; oz. 30c.; $\frac{1}{4}$ -lb. 90c.; lb. \$3.25.

MAMMOTH SILVER KING

Of attractive shape, with silver-white skin, and flesh of a 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, often measuring twenty inches in circumference. Must be thinned-out to stand five inches apart in the row in order to produce the largest sized onions. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

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.; $\frac{1}{4}$ -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; a handsome large white onion when ripe. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

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.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

Mammoth Prize-Taker Onion

EQUALLY AS TENDER AND MILD AS THE
FAMOUS BERMUDA ONIONS.

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, being far superior to the imported seed which is offered at a considerably less price. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 55c.; lb., \$1.85.

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 choice Connecticut grown 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 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 the seed we offer is right. Pkt., 5c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

EARLIEST WHITE QUEEN—A very pure early white, small, flat onion, one or two inches in diameter; when sown early in Spring will ripen in July. Very mild flavored. One of the best sorts for pickling. Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 50c.; lb., \$1.75.

HARD ROUND WHITE SILVER-SKIN—For pickling only. Uniformly small, round, handsome; opaque white skin, which does not turn green upon exposure to the sun; are very hard and crisp. Pkt., 5c.; $\frac{1}{2}$ -oz., 10c.; oz., 20c.; $\frac{1}{4}$ -lb., 60c.; lb., \$2.00.

BERMUDA ISLAND WHITE—Mild flavor; white in color; Pkt., 5c.; oz., 25c.; $\frac{1}{4}$ -lb., 75c.; lb., \$2.50.

NEAPOLITAN MAGGIAJOLA

Italian May Onion—A large, flat, beautiful silver-white skinned variety; one of the earliest of all, and of very mild flavor. Can be sown from February or March to July, and the crop will be matured the same season. In the South the seed may be sown in the Autumn, and large onions gathered the following March. A large and handsome sort. Sells very readily in the markets, especially in the South. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ -lb., 45c.; lb. \$1.50.

LIVINGSTON'S BROWN BEAUTY ONION—See page 6.



Southport Large White Globe Onion. Packet, 10c.

ONIONS, Continued.



Livingston's White Onion Sets.

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. (Bushel weighs 32 pounds.)

White Onion Sets—Pt., 15c.; qt., 30c.; ½-pk. 50c.; pk. 90c.; bu. \$3.50

Red Onion Sets—Pt., 15c.; qt., 30c.; ½-pk., 50c.; pk., 90c.; bu., \$3.50

Yellow Onion Sets—Pt., 15c.; qt., 30c.; ½-pk., 50c.; pk., 80c.; bu., \$3.00

EXTRA-EARLY WHITE BARLETTA ONION (White Queen).

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 also, and makes an extremely pretty bunch onion, especially if grown by the transplanting method. Pkt., 5c.; oz., 15c.; ¼-lb., 40c.; lb., \$1.50.

GIANT ROCCA Light-brown skin, globular in form, flesh tender and mild. This variety will produce an immense onion from the seed the first season. Set out the smallest hulhs next Spring, and they will continue increasing in size instead of producing seed. Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

Livingston's Choice Onion Sets

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 hushel, 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 our Fall Catalog regarding this variety, as Autumn is the time to set them out.

WHITE MULTIPLIERS Pure silvery-white, enormously productive, frequently 20 hulbs in a cluster from a single hulb; of excellent quality and size for bunching green, or can be ripened for pickling onions. Remarkably good keepers; 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 hulbs are planted in the Spring, and increase in size; the large parent hulb, planted in the Fall or Spring, produce a quantity of small hulbs in a cluster, growing 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.

OKRA, or Gumbo

German—Ocher.
French—Gombaud.
Spanish—Gombo.

Very wholesome. The pods, when young, make a fine soup of themselves, or may be used 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 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.; ¼-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.; ¼-lb., 20c.; lb., 60c.

Parsnips

German—Pastinake.
French—Panais.
Spanish—Pastinaca.

Sow as early in the spring as the weather will admit, 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 to 200 feet of drill, 5 or 6 pounds for an acre.

LARGE SUGAR or HOLLOW CROWN (Improved Guernsey)—Roots intermediate length, white, smooth, sugary, excellent flavor; easily harvested. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

LONG WHITE DUTCH—Roots very long and smooth; one of the very best varieties for general use. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

ZIMPFER'S LONG WHITE—The handsomest long white sweet Parsnip. Very smooth and attractive. Choice seed grown on True Blue Seed Farm. Pkt., 5c.; oz., 15c.; ¼-lb., 35c.; lb., \$1.00.

Parsley

German—Petersilie.
French—Persil.
Spanish—Perejil.

Parsley is used for seasoning soups and stews, fo salads, and 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 elapses 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.; ¼-lb. 50c.; lb. \$1.75. Livingston's Exquisite Parsley.

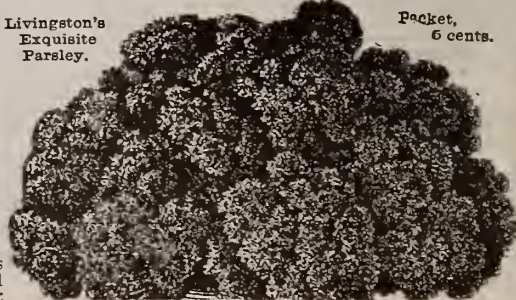
FINE DOUBLE CURLED—Dwarf, beautifully curled; a very fine variety. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 55c.

FERN-LEAVED—Has beautifully fringed or finely cut foliage, as its name indicates. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

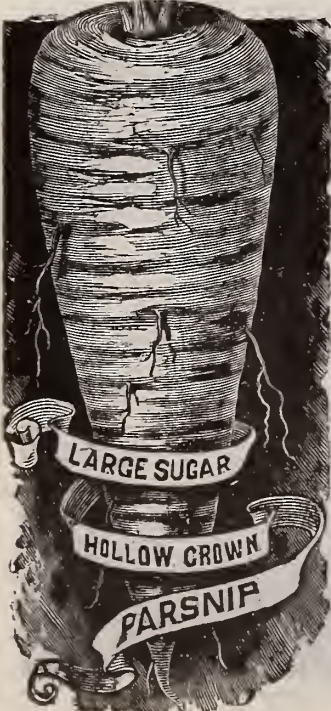
CHAMPION MOSS CURLED—More densely crimped and curled than some other sorts. Pkt. 5c.; oz. 10c.; ¼-lb. 20c.; lb. 60c.

PLAIN—Much used for soups and stews; rather stronger in flavor than other varieties. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 45c.

HAMBURG, or Turnip-Rooted—A rooted variety, of which the fleshy roots resembling Parsnips are used in soups and stews. Pkt. 5c.; oz. 10c. ¼-lb 20c.; lb 60c.;



Packet, 6 cents.



Garden Peas

German—Erbsen.

French—Pois.

Spanish—Chicaros o Ginsantes.

Peas mature early, when in a light, rich soil. For the general crop, a rich, deep loam, or inclining to 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 brushed, but are sown in single rows 3 to 4 inches deep, the depth depending on the time of sowing, nature of 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 to run upon, which is stuck in between the rows. 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. It is best to make late plantings on sandy soil as there is some danger from mildew at this season when planted on heavy land. Cultivate thoroughly, earthing-up at least twice during growth. **One quart sows 100 feet of row, one and one-half bushels for acre.**

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 thirty inches, very uniform in maturing the crop, of excellent quality, and retains its desirable color after cooking. Our strain is especially fine. (See illustration.) **Pkt. 10c.; pt. 30c.; qt. 50c.; ½-pk. 90c.; pk. \$1.65; bu. \$6.00.**

New Pea, Thomas Laxton

A new early wrinkled variety of great merit. The vine grows about three 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., 30c.; qt., 55c.; ½-pk., \$1.25; pk., \$2.25; bu., \$8.00.**

Livingston's First Choice

Dwarf, Early, Extra Sweet, Peas and Pods of Immense Size

A grand, dwarf, early Pea of extraordinary productiveness. The pods resemble Stratagem in color and size, and are full of most deliciously flavored peas. Vine is of medium light green color. Height about fifteen inches. Pods dark green, good length, curved, and somewhat pointed, very numerous and well-filled. The peas when green are large, dark green, and of extremely fine quality. They retain their color even when dry and wrinkled. We consider this the finest dwarf early Pea yet introduced. Especially adapted to the home-garden, as it requires no support in the way of brush or trellis. We trust that all our customers will give this splendid variety a trial, as we are sure they cannot but be delighted with it.

Packet, 10c.; pt., 30c.; qt., 50c.; by Mail, postpaid. 4 qts., 90c.; peck, \$1.65; bu., \$6.00, by Express, not paid.

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. Larger quantities, the prices do not include Freight or Express charges.



Livingston's Selected Extra Early Alaska Peas.

Nott's Excelsior Peas

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 one foot in height. The pods are one-third larger than the American Wonder, and are all ready to pick at once; a great yielder. The peas seem to be pressed into the pods by force, and are more often square than round. (See illustration.) One of the earliest, and in quality unsurpassed. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., 90c.; pk., \$1.65; bu., \$6.00.**

Livingston's

Prolific EARLY MARKET Pea

First offered by us in 1901.

A GRAND EXTRA-EARLY PEA. LARGEST-PODDED OF ALL EXTRA EARLIES.

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 average yield is sometimes fifty per cent larger crop than with any other strain. The quality is the very best, one of the sweetest and finest flavored of the earliest smooth varieties. Vines grow about thirty inches in height, and are a perfect mass of well-filled pods, which can be gathered at two pickings. We know 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., 80c.; pk., \$1.50; bu., \$5.50.**



Nott's Excelsior Peas. Large Packet, 10c.



The Famous **Gradus** or Prosperity Pea

Without Doubt the Earliest Large Wrinkled Pea Known.

Exceedingly Sweet, Tender and Luscious,
Fairly Melting in Your Mouth.

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 two and one-half 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 marketmen, for whom it has been a **money-maker** from the start. The facts in a nut-shell are, that this large-podded wrinkled pea of finest quality, matures pods only two or three days later than the small-podded, old-fashioned, round-seeded Extra-Earlies. It produces most uniformly large pods, measuring from four to four and a half inches in length, nearly round and well-filled with large handsome peas which fill a bushel basket very quickly. (See illustration herewith of Gradus Peas, engraved from a photograph). It is certainly a fine variety. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., \$1.10; pk., \$2.00; bu., \$7.50.**

Livingston's **First-in-Market**

The name of this variety means **first Peas in market, and first Money to every grower who grows from this stock for market purposes**, and whosoever plants it is sure of the first mess of green peas in their neighborhood. It is also **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. Height about twenty inches, and no supports are needed. After carefully testing the various "strains" and "brands" of real early peas for years, we are convinced that **Livingston's First-in-Market** leads all. This variety will positively satisfy you. **Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.35; bu., \$5.00.**

MR. OTTO H. CRON, Monroe Co., Mich., writes us under date of August 7th, 1907: "Your 'First-in-Market' Peas are an excellent and very sweet variety. I picked thirty-one bushels from sixteen quarts of seed."

Wonderful New Pea for 1909, **Golden King**

This splendid new pea originated in Germany. It is a distinct and absolutely new sort worthy of trial by every lover of good peas. See page 6 for illustration and full description.

McLean's Advancer Peas

The leading pea for second-early, ripens about July 1st. Excellent flavor, very productive—This pea is used very extensively by market-gardeners, on account of its great productiveness, the fine appearance of its pods, and its exceedingly fine flavor. It is a wrinkled variety, grows about two feet in height, but needs no brushing as it stands up very strong itself. Has broad, long pods, which are abundantly produced and well-filled to the end. Ripens shortly after Livingston's Prolific Early Market and so uniformly that the vines can be picked clean in two pickings. In the vicinity of Boston, Mass., canners and market-gardeners grow this splendid variety almost exclusively for second-early. There is nothing better for the home-garden either, than this pea. **Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., 90c.; pk., \$1.65; bu., \$6.00.**

Gregory's Surprise Peas

An Extra-Early Wrinkled Pea. A very heavy cropper; and it has that peculiar sweetness which belongs to the wrinkled sorts, combined with the hardness of the smooth varieties. Vines grow twenty-four 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., 95c.; pk., \$1.75; bu., \$6.50.**

PREMIUM GEM—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., 90c.; pk., \$1.65; bu., \$6.00.**

IMPROVED TOM THUMB—Dwarf, grows about nine inches; can be planted very close; very early. Good quality. **Pkt. 10c.; pt. 30c.; qt. 50c.; pk. \$1.50; bu. \$5.50.**

AMERICAN WONDER—A leading dwarf-wrinkled pea, esteemed for earliness, productiveness, flavor, and quality. Strong and robust in habit, growing about ten 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. \$1.00; pk. \$1.85; bu. \$7.00.**

ABUNDANCE—One of the very best and most satisfactory second-early peas. It grows fifteen to eighteen inches high; pods large, containing six to eight wrinkled peas of the most excellent quality. **Pkt. 10c.; pt. 25c.; qt. 45c.; ½-pk. 75c.; pk. \$1.30; bu., \$4.75.**

MCLEAN'S LITTLE GEM—Dwarf, green-wrinkled variety, grows fifteen inches high; prolific; superior flavor and very early. **Pkt. 10c.; pt. 30c.; qt. 50c.; pk. \$1.65; bu. \$6.00.**

MR. W. F. LARRISON, Mercer Co., W. Va., says: "I believe I am benefitting my neighbors by inducing them to try Livingston's True Blue Seeds. My father planted them for 25 years, and I am following in his footsteps. We always had good crops. They are just splendid."



First and Best Peas. Packet, 10c.

FIRST AND BEST PEAS

Very Popular. Hardy. Extra Early. Height, 2½ ft. A standard, extra-early pea. Very hardy and productive; can be planted as early as the ground can be dug in a loose condition in the Spring, and is not injured if the soil freezes after they are planted. **Pkt. 10c.; pt. 25c.; qt. 45c.; pk. \$1.30; bu. \$4.75.**

FOUR NEW EARLY PEAS

NEW HARDY "FROST KING" PEA.

The New Hardy Frost King Pea is a selection from Gradus, and while retaining the earliness of that excellent variety, the pods are generally larger, and produced in greater abundance. Moreover, it can be sown earlier than 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., 90c.; pk., \$1.65; bu., \$6.00.

AMEER

A New, Extra-Early Pea. Resembling Alaska in general habit, a little longer vine (3 ft.) and not quite so early but with larger pods, handsomely shaped; uniform in ripening and of excellent quality. The seed is round, light-green, dented. A splendid pea for the South. Pkt., 10c.; pt., 30c.; qt., 50c.; pk., \$1.50; bu., \$5.50.

Peas—Medium and Late Varieties

Carter's Telephone Peas

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 four 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., 30c.; qt., 50c.; ½-pk., \$1.10; pk., \$2.00; bu., \$7.50.

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 containing from seven to nine peas, of a bright green color, tender and of most delicious flavor. Pkt., 10c.; pt., 30c.; qt., 55c.; ½-pk., \$1.25; pk., \$2.25; bu., \$8.00.

SHROPSHIRE HERO—A second-early, large wrinkled pea; robust grower; grows two and one-half 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., 25c.; qt., 45c.; pk., \$1.35; bu., \$5.00.

BLISS' EVERBEARING—Medium-early, and remains a long time in bearing. Vine stout; about eighteen inches high, bearing six to ten broad pods, which are filled full of elegant peas. Peas large, tender, and are of superior flavor. Pkt., 10c.; pt., 25c.; qt., 45c.; ½-pk., 75c.; pk., \$1.35; bu., \$5.00.

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.; ½-pk., 75c.; pk., \$1.35; bu., \$5.00.

LAXTON'S ALDERMAN—A very large-podded, late, wrinkled variety of vigorous growth, 3½ to 4 feet high, producing straight pods from 4½ to 5 inches long, well filled with large peas of excellent flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., 95c.; pk., \$1.75; bu., \$6.50

HEROINE—Is a medium-early green wrinkled pea, about two to two and one-half 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.; ½-pk., 90c.; pk., \$1.65; bu., \$6.00.

YORKSHIRE HERO—A very fine, large, dwarf, wrinkled variety, of extra fine quality and very productive. Vines two and one-half feet high, bearing great numbers of large, well-filled pods. Pkt., 10c.; pt., 25c.; qt., 45c.; ½-pk., 75c.; pk., \$1.35; bu., \$5.00.

Champion of England Peas

An old variety, but considered by many the best tall growing sort; but must be bushed 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.

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 two feet high. Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., 90c.; pk., \$1.65; bu., \$6.00.

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., 30c.; qt., 55c.; pk., \$2.25; bu., \$8.00.

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 most delicious marrow-like flavor. A very desirable sort for the home garden or market. Pkt., 10c.; pt., 25c.; qt., 45c.; ½-pk., 75c.; pk., \$1.35; bu., \$5.00.

Improved Stratagem Peas

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 five and a half 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 two to two and a half 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.; ½-pk., \$1.00; pk., \$1.85; bu., \$7.00.

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 two feet high; exceedingly prolific; pods are of medium size and well-filled with peas of finest flavor. Pkt., 10c.; pt., 30c.; qt., 50c.; ½-pk., 90c.; pk., \$1.65; bu., \$6.00.

Livingston's Prolific Giant-Podded Sugar Peas

Excels all other Sugar Peas in size, productiveness and quality. Vines about thirty 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.; ½-pk., 95c.; pk., \$1.75; bu., \$6.50.

MELTING SUGAR—This variety grows to the height of five 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., 30c.; qt., 50c.; ½-pk., 90c.; pk., \$1.70; bu., \$6.25.

WHITE MARROWFAT—Grows four to five feet in height. Pods large, round, light-green and well-filled. Excellent for Summer crop, but of inferior quality. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., 95c.; bu., \$3.50.

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., 40c.; pk., 95c.; bu., \$3.50.

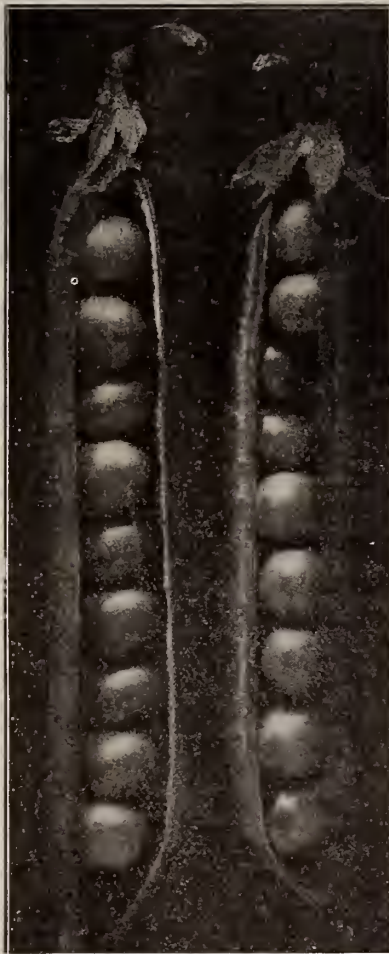
Field and Cow Peas, page 55

True Blue Seeds Give Satisfaction.

M. LOVE, Winthrop, Iowa, writes: "We have used your seeds for thirty years. We know they are alright."

ANNIE E. ELBERTSON, Marion Co., Fla., says: "I have used your seeds for a good many years and am very much pleased with them. They yield good crops every year."

T. S. HAMILTON, Booneville, Miss., writes: "I have planted your seeds for more than sixteen years; they give such splendid satisfaction."



Carter's Telephone Peas. Packet, 10c.

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 38.

McLean's Advancer, medium, page 38. Telephone, late, see page 39.

1 pkt. each of 3 Best Peas, 25c. postpaid
1 pint each of 3 Best Peas, 75c. postpaid
1 quart each 3 Best Peas, \$1.35 postpaid

Livingston's Choice Pepper Seed

German—Pfeffer.

French—Piment.

Spanish—Pimiento.

Peppers should be started in a hot-bed or cold-frame and transplanted about the end of May into a sunny corner of the garden, in rows about two 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 three 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 six 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.**

Large, Sweet and Tender.
Unexcelled for Stuffing for "Mangoes" or for Slicing for salad.

—Livingston's—**Mammoth Ruby King.** The Most Popular Pepper Now Grown.
Large Packet, 10 cents.



Livingston's Mammoth Ruby King Peppers (Illustrated above.)

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 two feet in height. They are well branched, and thickly set with enormous fruits—some four to six inches long by three to four 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., \$2.50.

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.



Ohio Crimson Pepper. Packet, 10c.

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 one 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; a very popular variety. Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

LONG RED CAYENNE—Four inches long and one-half to three-quarter 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.; ¼-lb., 75c.

SWEET SPANISH—Large and early; flesh very sweet and mild. Much liked for salads. Pkt., 5c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.

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 when grown in pots. Pkt., 10c.; ½-oz., 20c.; oz., 35c.; ¼-lb., \$1.

CHRISTMAS PEPPER—The Christmas Pepper grows twelve inches high and is completely covered with bright scarlet fruit, which stays on for months. The very attractive peppers are borne right above the foliage and therefore present themselves to the best advantage. This pepper is of easiest culture. It is one of the pre-est pot-plants and everybody can be successful with it. Cultural directions on each seed packet. Pkt., 10c.; ¼-oz., 15c.; ½-oz., 25c.

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., 35c.; oz., 60c.; ¼-lb., \$1.75.

GIANT GOLDEN KING.

An exact counterpart, except in color, of the famous Ruby King Pepper. The beautiful, healthy plant bears large, handsome fruits of a most attractive bright-yellow. The flavor is exceedingly 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, four to five 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. It is worthy of cultivation for its beauty alone. Pkt., 5c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.75.

SWEET MOUNTAIN—This pepper is also one of the large sorts. Very thin-skinned, sweet and mild flavored. Much used for making stuffed pickles. Pkt., 5c.; ½-oz., 10c.; oz., 20c.; ¼-lb., 55c.; lb., \$1.85.

KALEIDOSCOPE—Novel and beautiful. When fully grown they commence to change color, first to a lovely canary yellow, then to a deep-orange, then to a rose or pink, and so on through the different shades until they become finally intense scarlet; a plant bearing hundreds of peppers, showing six to eight distinct colors, is an object of great beauty. Flavor quite sharp. Pkt., 5c.; ½-oz., 15c.; oz., 25c.

CHERRY RED—Fruit small, round, rich-scarlet, and exceedingly hot. Pkt., 5c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.50.

Golden Queen, Golden Dawn, Celestial, 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. for 25c.

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

Pumpkins

German—Kurbiss.
French—Potiron.
Spanish—Calabaza.

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 eight to ten feet apart each way is much better than nearer planting. It is preferable as they always mix so badly with 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 plants an 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.; ¼-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, also a splendid keeper all through the Winter. They average about ten inches in diameter, of a round, flattened shape; deep orange-yellow color; extremely attractive while growing. Being also most prolific, succeeding splendidly in almost any location. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

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.; ¼-lb., 20c.; lb., 50c.; 3 lbs., \$1.25, 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 grey tint. Flesh yellow, thick. Splendid for stock. Should be tried by all who want a big pumpkin. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

CALHOUN—Almost round, good size, creamy brown skin; salmon yellow flesh which is very thick and fine grained. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

Genuine Mammoth, or True Potiron

King of the Mammoths, a Jumbo Pumpkin.

Form like an immense Nutmeg Musk-Melon, with depressed ends, slightly ribbed, and sometimes grows three feet or more in diameter and weighs over two hundred pounds. Salmon color; flesh bright-yellow; fair quality; makes good Winter food for your stock. Plant plenty of them. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 80c.

MAMMOTH TOURS—Immense size; often weighs 100 pounds; oblong; skin green; good exhibition sort, or for feeding stock in Winter. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 80c.

JAPANESE PIE—Crooked necked; quality fine; very productive ripens early; medium size; a good keeper. Easily cut and dried like apples. Excellent for pies. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

NANTUCKET, or NEGRO (Black Sugar)—Oblong in shape; skin dark-green, almost black; flesh a rich-orange; weight about twelve pounds; a splendid keeper. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

OUR SPECIAL OFFER—One ounce each Genuine Mammoth, Mammoth Tours and Boulogne Gray Pumpkins, three big Show sorts, for 25c.



Field of Large Common Yellow Field Pumpkins. Packet, 5c.

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, is immensely productive and very hardy. Pkt., 5c.; oz., 10c.; ¼-lb., 15c.; lb., 40c.; 3 lbs., \$1.00, postpaid.

TENNESSEE SWEET POTATO—Bell-shaped; medium size, with thick flesh, and skin creamy-white; fine-grained, sweet and delicious; makes especially good pies. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 80c.

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. 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.; ¼-lb., 35c.; lb., \$1.00.

Rhubarb, or Pie Plant

German—Rhabarber. French—Rhubarbe.
Spanish—Ruibarbo.

Very familiarly known as the Pie Plant; 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 one 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 two feet apart each way, in ground that is well-enriched, at least two feet deep. Seed does not always produce the identical variety, but if you purchase the 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 until wanted. One ounce of seed gives 500 plants.

VICTORIA—In general use for market and home garden. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

LINNAEUS—A very early sort; fine-grained, and delicious. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

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.



Radishes

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.



Scarlet Globe Radish. Packet, 5c.

SUMMER RADISHES

GIANT WHITE STUTTGART—A favorite German radish; 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 for your table. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 65c.

GOLDEN GLOBE—A most perfect globe shape; golden-colored skin, very quick grower; tender, brittle, long-standing. A very fine sort. A most popular variety for Summer; white flesh. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 65c.

LARGE WHITE SUMMER TURNIP—This radish has always been a favorite with market-gardeners. Round and smooth; very white; crisp and tender. It is indeed a very fine sort. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

WHITE LADY FINGER RADISH (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.; $\frac{1}{4}$ -lb., 20c.; lb., 65c. By Express, not paid, 5 lbs., \$2.25.

GRAY SUMMER TURNIP—A heat resister; good for Summer crop; crisp, tender and brittle; a choice variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 60c.

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 before becomes unfit for the table; 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 for two months. Planted late makes a good Winter keeper. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

CHARTIER LONG WHITE (Nonpariel)—Developed from the preceding, and in all respects similar, only that the color is pure white. A nice radish. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 30c.; lb., 90c.

WHITE STRASBURG—Handsome, oblong, tapering shape (see illustration); 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. Excellent for Summer use, as it withstands severe heat and grows very quickly. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c. By Express, not paid, 5 lbs., \$3.00.

CHINESE ROSE WINTER RADISH

A very handsome and distinct variety; color the brightest rose; crisp and tender; cylindrical in shape, very smooth; a very desirable sort; keeps splendidly through the Autumn and Winter. A very fine radish. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

German—Rettig, oder Radieschen.

French—Radis, Rave Petite et tonque.
Spanish—Rabanos y Rabanitos.

All varieties thrive best in light, sandy loam. For early use sow in the hot-bed 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

EARLY TURNIP-SHAPED RADISHES

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 a delicious quality. The best for market gardeners who want a large first-early forcing radish. Unequaled for the home garden. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

Non Plus Ultra, or Fireball

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.; $\frac{1}{4}$ -lb., 25c.; lb., 65c.

EARLY SCARLET TURNIP RADISH

A very early, small, round radish; rich-scarlet color; the entire radish is this color. This splendid variety has always been a great favorite with market-gardeners and for the kitchen garden alike; it is one of the oldest sorts, but still one of the best sorts in cultivation. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 55c.

SCARLET TURNIP, White-Tip—Handsome bright-scarlet, with white tip; most attractive; quality splendid. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 65c.

MODEL WHITE BOX—Has short top, makes rapid growth, is perfect turnip shape, of extra fine quality; remaining solid and juicy a long time. Especially fitted for growing under glass in frames. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 55c.

GOLDEN DRESDEN—Tops very small. Perfectly round, smooth, early and uniform in shape. Skin light golden-brown; flesh white, brittle and tender. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

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 (see illustration); flesh firm, crisp and tender. We recommend it for first outdoor garden planting as well as for forcing. A most valued variety wherever known and thoroughly tested. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 65c.

ROSY GEM RADISH

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 the market or home-garden. Certainly a fine variety. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 65c.

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.; $\frac{1}{4}$ -lb., 20c.; lb., 50c.

FRENCH BREAKFAST—Of quick growth; very mild and tender. Oval form, scarlet, tipped with white. One of the best for greenhouse forcing, or the home-garden. A popular variety with many growers. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 65c. By Express, not paid, 5 lbs., \$2.50.

Winter Radishes

Crimson
Giant.
Packet, 5c.

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 and 2 to 3 inches in diameter; white, solid and of good quality. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.; lb., 75c.

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.; $\frac{1}{4}$ -lb., 20c.; lb., 50c. By Express, not paid, 3 lbs., \$1.00.

ROUND BLACK SPANISH—Like the above except in shape. Fine for Winter. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 20c.; lb., 50c.

WHITE CHINESE (New Celestial)—A large stump-rooted radish with white skin and flesh. Can be sown from July 1st to August 15th, 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.; $\frac{1}{4}$ -lb., 30c.; lb., \$1.00.

SPECIAL PRICES QUOTED for LARGE QUANTITIES OF RADISH SEED.

White Strasburg.
Packet, 5c.

EARLY LONG RADISHES

Cincinnati Market

This superb radish originated in the vicinity of Cincinnati, Ohio, by 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. Remaining, as it does, a long time in perfect condition for the table, after it is first ready for gathering. It is one of the very best varieties to plant in the home garden. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 65c.

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 hot-bed 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.; ¼-lb., 30c.; lb., 90c.

EARLY LONG SCARLET SHORT-TOP—Admirable for forcing; leading outdoor quick-growing variety, both for private and market-gardens; the average length is six to eight inches; grows about half out of the ground, straight, uniform, tops small, bright-scarlet in color, brittle and crisp. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

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.; ¼-lb. 25c.; lb. 75c.

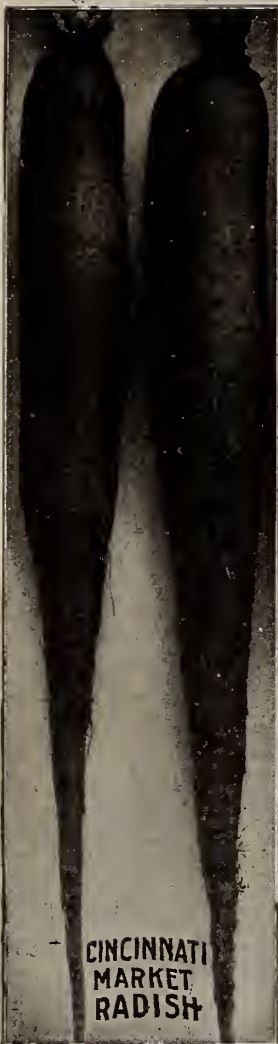
WOOD'S EARLY FRAME—Ten days earlier than the Early Long Scarlet Short-Top, which it resembles; excellent for forcing and for first sowings outside, being very hardy; half-long. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

HALF-LONG DEEP SCARLET RADISH

Color a deep, rich-red. Shape half-long and tapering. Flesh pure-white, crisp, tender and brittle, not becoming pithy until very long overgrown. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 65c.

LONG WHITE ICICLE RADISH

The roots of this sort grow about four inches long, slightly stump-rooted and of transparent whiteness; short leaves, and mature very quickly. Of most excellent flavor, and equally desirable for home or market-gardeners use. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.



CINCINNATI MARKET RADISH

Packet, 5c.

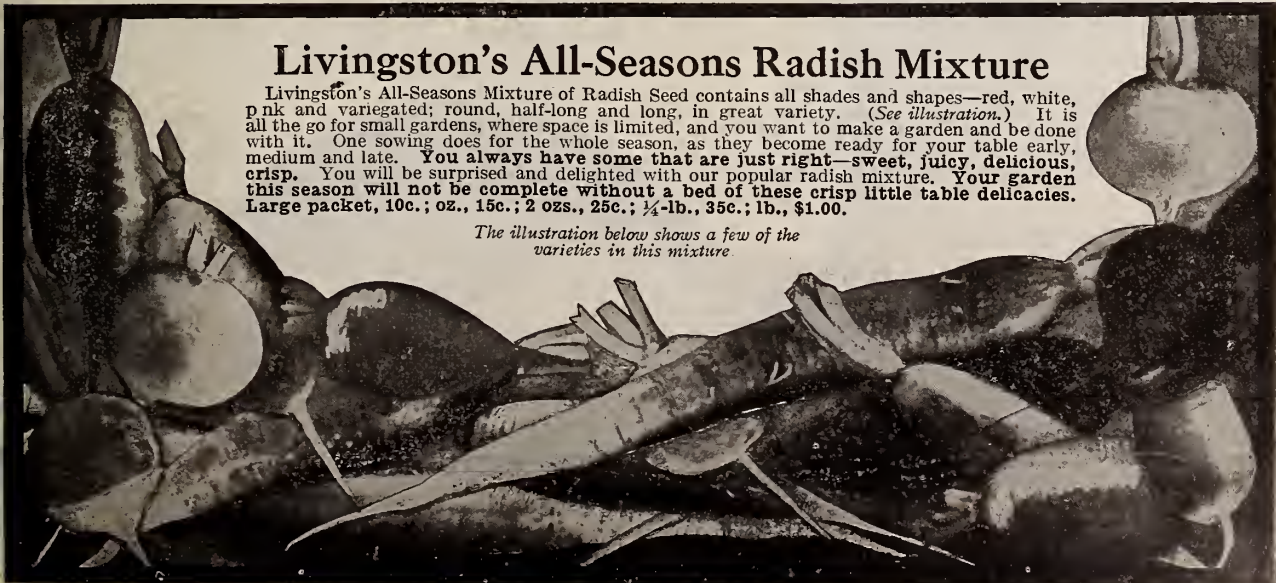


Livingston's Pearl Radishes. Packet, 5c.

Livingston's All-Seasons Radish Mixture

Livingston's All-Seasons Mixture of Radish Seed contains all shades and shapes—red, white, pink and variegated; round, half-long and long, in great variety. (See illustration.) It is all the go for small gardens, where space is limited, and you want to make a garden and be done with it. One sowing does for the whole season, as they become 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 packet, 10c.; oz., 15c.; 2 ozs., 25c.; ¼-lb., 35c.; lb., \$1.00.

The illustration below shows a few of the varieties in this mixture.



Produced from Livingston's All-Seasons Radish Mixture. Large Packet, 10 cents.

Squashes

German—Speise-Kurbis.
 French—Courge.
 Spanish—Cala baza.

The Squash is a very tender annual, and should not be planted until all danger from frost is past, and the ground is warm, settled and dry; as, aside from the tender nature of the plant, the seed is liable to rot in damp, cool weather. Be careful though to get the Winter kinds planted as soon as safe in order that they may have ample time in which to thor-
 oughly mature. 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, one inch deep, and late, one and one-half 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 required for planting one acre.**

Livingston's Pie Squash

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

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 eight to ten inches in diameter. **Large packet, 5c.; oz., 10c.; ¼-lb., 25c.; lb., 65c.**

SUMMER SQUASHES.

Giant Golden Summer Crookneck

The largest and best of all summer crookneck squashes. Of dwarf, bushy habit and very productive; bears early and all summer; true Crookneck type; rich golden yellow color; thickly warty. (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., 65c.**

WHITE SUMMER CROOKNECK—A beautiful ivory-white, warty squash; fine quality. **Pkt. 5c.; oz. 10c.; ¼-lb. 25c.; lb. 65c.**

Mammoth Yellow Bush Scallop (Golden Custard Bush Squash)

Decidedly the best strain of Yellow Scalloped Summer Squash. Double the size of the old sort, retaining all its good points. **Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 65c.; 3 lbs., \$1.75, postpaid.**

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., 25c.; lb., 65c.**

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 lbs. Flesh yellow, fine-grained, sweet, and excellent for pies. Sells well on the market. **Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., 90c.**

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

LIVINGSTON'S SQUASH MIXTURE

One Sowing, Squashes for Season. Contains an almost endless variety of both Summer and Winter sorts that are just suited for growing a nice lot of specimens for exhibition purposes, or the home table. You should try at least one packet of this mixture. **Large packet, 10c.; oz., 15c.; ¼-lb., 35c.; lb., \$1.00.**

Never Mind if your order amounts to only 25 cents or 50 cents send it along. We will fill it with the same care as we do larger orders. We believe you will be pleased and that your order next year will be a much larger one.

Livingston's Seeds are all Tested. We send out only Seeds we know to be Good.



Livingston's Hubbard Squashes. Packet, 5c.

Giant Golden Summer Crookneck Squash. Packet, 5c.

WINTER SQUASHES

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

BOSTON MARROW—An early Autumn variety; 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., 25c.; lb., 75c.**

MARBLEHEAD—Good Winter sort; a bluish color; sweet and dry; fine flavor; shape long-oval, pointed both ends. **Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 70c.**

ESSEX HYBRID—One of the best Winter varieties. 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.**

CANADA WINTER CROOKNECK—A good old standard pie squash. Long keeper. **Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.**

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., \$1.00.**

TWO MAMMOTH WINTER SQUASHES

MAMMOTH CHILI—Largest of all squashes. Oblong; productive; profitable for stock. **Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.**

MAMMOTH WHALE—Often grows three 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.**

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. Universally grown for main Winter crop. **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. A very fine Squash. **Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 65c.**

CHICAGO WARTED HUBBARD

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.**

SALSIFY

German—Hafer-Wurzel. French—Salsifis.
Spanish—Ostien Vegetal.

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. A most palatable vegetable; the cultivation is precisely the same as directed for Parsnips and Carrots. Salsify will keep finely through the Winter, in the ground where grown, in exactly the same manner as Parsnips. The roots are perfectly hardy; in fact they are best after the frost has touched them.

When cooking, boil the roots (a small piece of codfish, which should be discarded when the salsify is done, boiled with them strengthens the oyster flavor); when cold, mash, and fry as patties or fritters. This vegetable is also good stewed, plain boiled, and also as a salad, sliced raw in vinegar with pepper and salt. Succeeds best, perhaps, in light, well-enriched soil. If it is necessary to use manure it should be very fine and well-rotted. Sow early in drills eighteen inches apart and cover firmly one inch deep; thin to three inches apart in the drills. **One ounce of seed will sow fifty feet of drill; eight pounds is sufficient to plant an acre.**

WISCONSIN GOLDEN SALSIFY—For fine quality, delicious flavor, extreme richness and tenderness, it is not excelled by any of the old varieties. The roots are a very rich-golden color. Much esteemed sort wherever well-known. Pkt., 5c.; oz., 15c.; ¼-lb., 45c.; lb., \$1.40.

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. Popular sort with all growers. (See illustration). Pkt., 5c.; oz., 15c.; ¼-lb., 35c.; lb., \$1.15.



Mammoth Sandwich Island Salsify. Packet, 5c.

TURNIPS

German—Steckrube. French—Navet.
Spanish—Nabo Comun.

First-early varieties of Turnips should be planted just as early in the Spring as the ground is dry and warm. You may sow them in drills, beds, or later broadcast, or among corn, as you for your own reasons may prefer. The Winter Ruta-Baga varieties, and also the early sorts, will do better if planted in drills; make the drills at least 18 inches apart, and thin-out the plants when well-up to from six inches apart down to three inches, according to the variety. Cultivate often and thoroughly. We call special attention to the fact that the Ruta-Baga varieties should be planted as soon as possible after the middle of June, as they need a longer season for the fullest development than the earlier sorts of Turnips. **One ounce of seed sows 100 feet of drill; one pound an acre.**

LONG WHITE, or Cow Horn—Long; grows rapidly, partly above ground; is slightly crooked; productive; white, fine-grained, very sweet. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

PURPLE-TOP WHITE GLOBE—A variety of decided merit. Globular in shape, very handsome (see illustration) and of superior quality, either for the table or for stock. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.; 3 lbs., for \$1.25, postpaid.

LARGE WHITE GLOBE—Similar to above, except in color, which is pure-white; firm, sweet flesh. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

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 as good for Winter use or late planting as it is early in the season. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.; 3 lbs., \$1.25; postpaid.

EARLY SNOWBALL—A medium-sized round turnip; it is pure-white, and of very fine flavor. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

Extra Early Purple-Top Milan—Earliest of the flat turnips, with beautiful purple top. Mild and sweet. Splendid for home-garden or market. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 65c.

EXTRA-EARLY WHITE MILAN—Similar to above, except it has pure-white skin and flesh. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

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.; ¼-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. A favorite where well-known. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

YELLOW GLOBE, or Amber—Flesh firm and sweet; large size; excellent for table use or stock. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

GOLDEN BALL, or Orange Jelly—Rapid grower; globe-shaped; bright-yellow. Best yellow sort for table use. Keeps well into the Winter. A very fine variety. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 60c.

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. The best large yellow sort. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

WHITE RUSSIAN, or Large White—Grows very large; excellent for table or stock; flesh firm, white and solid; best keeper of any white variety. Pkt., 5c.; oz., 10c.; ¼-lb., 20c.; lb., 50c.

SPINACH

German—Spinat. French—Espinard.
Spanish—Espinaca.

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 twelve to fourteen 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 lbs. 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 leaves that are crumpled; remains a very long time in salable condition. It is just as good for home-garden use as it is for the market. Oz., 5c.; ¼-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.; ¼-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.; ¼-lb., 15c.; lb., 30c.

PRICKLY SEEDED WINTER—A fine variety with triangular, oblong or arrow-shaped leaves. The hardest of all, therefore the best for Fall sowing where the Winters are severe. Considered by many one of the best varieties. Oz., 5c.; ¼-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.; ¼-lb., 15c.; lb., 30c.

LONG-STANDING—Does not run to seed as quickly as many other varieties; leaves smooth, and very dark rich-green. Oz., 5c.; ¼-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.



Purple-Top White Globe Turnip. Packet, 5c.

Livingston's Famous Tomatoes

New Varieties, and the Growing of Large Quantities of Seed, Our Specialty

No Other Establishment in the World Makes Such a Specialty of Tomato Seed Growing as Ourselves.

In making the above claim we mean actual growing. Some who claim to be extensive growers in this line, we find, raise a large portion, if not their entire output, at the back door of some canning factory, simply washing-out the seed from the refuse. Such tomato seed may contain a mixture of half a dozen or more varieties.

THE TOMATO has become indispensable to house-keeping in this and many other countries within the past thirty-five years, and this, we feel, without boasting, is due largely to the excellent qualities of the varieties bearing our name.

We practically made the tomato edible, as the plant was little more than a weed; and the fruit a curiosity before the introduction of our varieties. The fame of the varieties originated with, and introduced by us, has extended to every country where the tomato can be grown.



A LOAD OF LIVINGSTON'S STONE TOMATO SEED JUST IN FROM OUR TRUE BLUE SEED FARM

Livingston's Tomato Record

Our first tomato, the Paragon, was introduced by us in 1870, after working five years to bring it to a high state of perfection. It was the first and only strictly smooth red tomato ever sent out up to that time, and is as good today, in our hands as when introduced, showing no signs whatever of degenerating. In 1875 the first perfectly smooth purple tomato, the Early Acme, was introduced by us. Since that time we have introduced

25 of the Best Standard and Most Distinct Varieties ever brought before the Tomato Growers of the World. These Tomatoes were introduced by us in the following order:

Livingston's Perfection.....	in 1880
Livingston's Golden Queen.....	in 1882
Livingston's Favorite.....	in 1883
Livingston's Beauty.....	in 1886
Livingston's Potato Leaf.....	in 1887
Livingston's Stone.....	in 1891
Livingston's Royal Red.....	in 1892
Livingston's Gold Ball.....	in 1892
Livingston's Buckeye State.....	in 1893
Livingston's Atriscoat.....	in 1893
Livingston's Large Rose Peach.....	in 1893
Livingston's Honor Bright.....	in 1897
Livingston's Dwarf Yellow Prince.....	in 1900
Livingston's Magnus.....	in 1901
Livingston's Aristobright.....	in 1901
Livingston's Royal Colors.....	in 1901
Livingston's Dandy Dwarf.....	in 1901
Livingston's Multicolor.....	in 1901
Livingston's Princess.....	in 1901
Livingston's Grandus.....	in 1901
Livingston's Dwarf Stone.....	in 1902
Livingston's Purple Dwarf.....	in 1903
Livingston's Globe.....	in 1905
Livingston's Hummer.....	in 1907
Livingston's New Coreless.....	in 1908

TOMATO 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 52, but where wanted in large quantities we would rather that you write us for rates, stating the quantity and kinds needed.

THE CULTURE OF THE TOMATO

German—Liebesapfel.
French—Pomme d'Amour.
Spanish—Ajenjo.

For very early fruit, the seed should be sown in a hot-bed about the first week in March, in drills 5 inches apart and one-half an 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 hot-bed or cold-frame, or transplanted into small pots, allowing a single plant to a pot. Expose to the air as much as possible to barden 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 (surface cultivation) or the crop may be badly injured, especially if the cultivator is run too near the young plants.

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 in 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.



OUR TRUE BLUE SEAL.

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. All the Tomato Seed we offer has been saved from choice selected fruits of true original type, and cannot fall to please the most critical Tomato grower.

The Livingston Seed Company
Tomato Specialists,
COLUMBUS, OHIO



A Cluster of Ten LIVINGSTON'S NEW CORELESS TOMATOES, all of Marketable Size
LIVINGSTON'S LATEST AND BEST CREATION IN TOMATOES,
THE CORELESS A distinct, New, **GLOBE-SHAPED** Variety.
The Best yet. Lithographed in colors on front cover, described inside of front cover. Don't fail to try it this year.

"Tons of Tomato Seed" is the title of an interesting little booklet by Mr. Alva Agee, of the National Stockman and Farmer, of Pittsburg, Pa., telling of the growing and harvesting of our immense tomato seed crop. We will send a copy free if requested with an order.

We are positively Headquarters for TOMATO SEED and have created more new varieties than any other seedsman in the world

Livingston's Famous Tomatoes

Livingston's New Type of Globe Shaped Tomatoes

The Highest Bred Tomatoes in the World

We are especially proud of being the introducer of the first Globe Shaped Tomatoes. They are the most perfect tomatoes in existence and are sure to supersede many of the older sorts.

LIVINGSTON'S THREE GLOBE SHAPED TOMATOES—See Colored Lithograph on Front Cover.

LIVINGSTON'S GLOBE—An early, purple globe shaped sort, introduced in 1905. See full description and illustration on page 1. Pkt., 10c.

LIVINGSTON'S HUMMER—An early scarlet, globe shaped tomato, introduced in 1907. See page 2 for illustration and full description. Pkt. 10c.

LIVINGSTON'S CORELESS—A grand main crop scarlet, globe shaped variety. The canning tomato of the future, introduced in 1908. See inside of front cover for illustration and description. Pkt., 15c.

SPECIAL OFFER—One packet each of Livingston's Three Globe Shaped Tomatoes, 25c.



Livingston's Globe Shaped Tomatoes are unexcelled for Growing on Stakes.

Extra Selected Stock Tomato Seed

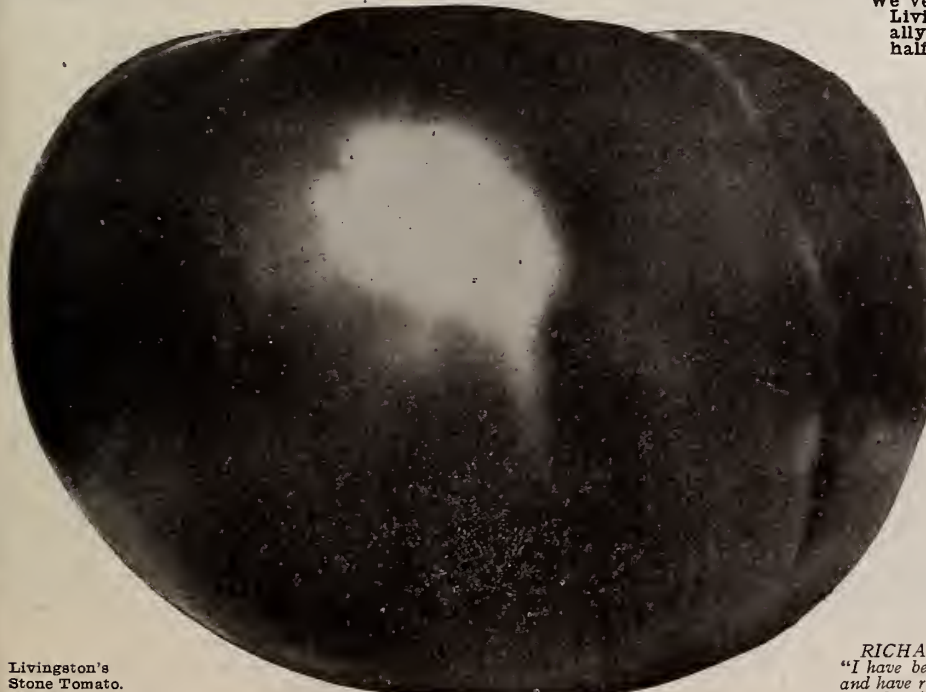
We have among our customers a number who are Tomato fanciers and who wish the very highest grade seed of the best varieties, regardless of cost, to enable them to grow the choicest of fruit, superior to all others, either as a matter of pleasure and pride or for exhibition purposes. To meet their demand we had our Tomato expert (a man who has been identified with tomato growing for over 25 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 ½-oz.; \$1.00 per oz., except as noted.

Livingston's Globe	Livingston's Beauty	Livingston's Paragon
" Hummer	" Perfection	" Favorite
" Stone	" Acme	" Ponderosa
Livingston's New Coreless—Pkt., 25c.; ½-oz., 85c.; oz., \$1.50.		

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

The Greatest Canning
Tomato in the World

Livingston's STONE Tomato



Livingston's Stone Tomato. Packet, 10 cents.

We venture to assert that more of the Livingston's Stone Tomato is annually being grown than any other half-dozen varieties taken together.

Introduced by us in 1891.

This variety has obtained immense popularity with Canners, Southern growers, and market-gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red. Its shape perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. (See illustration.) Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its good points.

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

Mr. CHARLES A. UMOSELLE, of New Jersey, in the 'Michigan Farmer' of March 7, 1908, says: "Of Tomatoes I prefer Livingston's Stone and Livingston's Beauty for the early yield, not because they are particularly early sorts, but because they both yield smooth and good size fruit. As a rule, I have little trouble with the rot."

HENRY SMITH, Grand Rapids, Mich.—"We grow tomatoes for the market and canners, and plants for our customers. Have more confidence in seed from your house than those sold by other seed houses."

RICHARD DANES, Pan Yan, N. Y., writes: "I have been a gardener for more than 50 years and have raised all the kinds of Tomatoes you have introduced. The Stone is the best of them all."

Livingston's Famous Tomatoes



Packet, 10c.

Livingston's

BEAUTY TOMATO

The finest Large-Fruited Early Purple Variety.

Introduced by us in 1886.

This splendid Tomato is without doubt the most widely known and popular of all the purple fruited varieties. A hardy, strong grower, productive, large, always smooth, of perfect shape and excellent quality. (See illustration). The color is a very glossy-crimson with a tinge of purple. Grows in clusters of four to six large fruits, retaining its splendid size until late in the season. Ripens early; entirely free from ribbed and elongated fruit. Flesh very firm, has a tough skin and but few seeds. Seldom rots or cracks after a rain. For shipping and early market purposes it cannot be excelled. Picked quite green, will still ripen nicely. **Pkt., 10c.; oz., 25c.; ¼-lb., 70c.; lb., \$2.25.**

MR. S. P. JAMES, Gibson, Tenn., writes: "I have used your Beauty and Acme Tomato, both here and in Florida, and find them fine for either section of the country. I always want to get my seed direct from you."

MR. GEO. A. LONG, Boca Raton, Fla., writes: "Last season I planted 7 acres with Livingston's Beauty Tomato Seed obtained from you, and had, besides, enough plants in extra seed beds to replant the whole, in case of flood or cold. Apparently every seed came up, and plants were stocky and healthy. I shipped 8000 crates Tomatoes from the 7 acres, of which 2600 crates were strictly fancy, and sold as such."

MR. T. S. WATKINSON, Burnside, Nelspoint, Transvaal, South Africa, writes Sept. 30, 1907: "In 1906 I used your Livingston Beauty Tomato and it was a great success. The fruits were grand. This year I was advised to use English grown seed and I have had a failure all through, in spite of the fact that in 1906 I had no water for irrigation and this year I have had an abundance. I have now ordered direct from you, as somehow or other, unless ordered direct, the seeds do not germinate nearly so well and are not at all true to name."

Livingston's Favorite Tomato

Introduced by us in 1883.

The Canners' Favorite, and one of the best and largest perfect shaped red tomatoes in cultivation. Ripens evenly and early, holding its size to the end of the season; free from cracks, very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. Has been generally grown for the canners' trade throughout the United States. A fine tomato for the home-garden. **Pkt., 10c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.75.**

Livingston's Early Acme

Introduced by us in 1875.

The Earliest Real Good Tomato. Fine for Early Market use. Well known and generally cultivated, both for early and main crops. Plants are of strong and vigorous growth, very productive, the fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough), color a glossy-red with purplish tinge; ripens all over and through at the same time. **Pkt., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.**

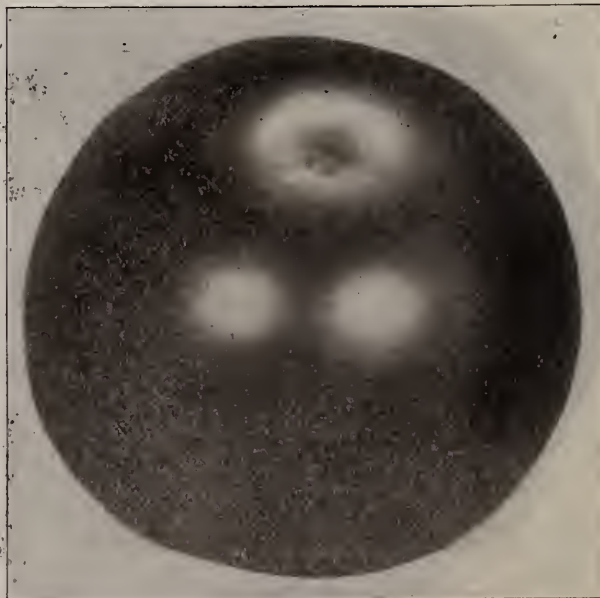
Livingston's Magnus Tomato

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, 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 known variety, because it has about four clusters of fruit where others have only three. The fruit and clusters are also larger, and it comes in early while the prices are fancy. **Pkt., 10c.; ½-oz., 20c.; oz., 30c.; ¼-lb., 85c.; lb., \$3.00, postpaid.**

CHAS. STRAWN, Hebron, Licking Co., Ohio, writes Sept. 27, 1907: "I have the finest tomatoes that goes to the Newark Market—your Magnus I got of you last Spring. The Beauty has always been my favorite; but has now to sidestep for Magnus. More orders next Spring."

J. W. LANGLEY, Hinds Co., Miss., Aug. 21: "I have the Livingston's Magnus Tomato still fruiting which were set out in April."



Livingston's Magnus Tomato. Packet, 10c.

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 Paragon. Packet, 10c.

Livingston's Paragon

Introduced by us in 1870.

Our first introduction, and we have kept it up to its excellent original standard. Many gardeners and catsup makers will have no other. It is a large size tomato, keeping its size late into the Fall. (See illustration.) An immense cropper. Flesh, solid, well colored, fine flavored. Medium in time of ripening. Grows vigorous. Color of skin glossy deep-red. Pkt., 10c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.75.

Livingston's Dwarf Stone

Introduced by us in 1902.

**DOUBLE THE SIZE OF DWARF CHAMPION
THE LARGEST FRUITED UPRIGHT-GROWING VARIETY
IN EXISTENCE**

This is another of our splendid newer varieties, and one that is meeting with general favor, especially with the class of growers whose gardening is limited to a few acres, and where economy in saving land must be taken into account.

In habit of vine it resembles Dwarf Champion, but is of stronger growth and more erect. The strong, upright growth allows very close planting, at least half closer each way than the distance required for the ordinary vining varieties. In small gardens the plants may be set 18 x 24 inches apart each way, and yet produce an abundant crop.

The shape of the fruit is perfect, with a good skin, which is free from cracks about the stem end. It is very solid, ripens evenly, and is of most splendid quality. The fruit resembles Livingston's Stone in its bright red color, shape, and, what is more remarkable, it is almost as large. Some idea of the large size of the fruits may be gained when we state that ten fruits have been picked from one vine at the same time showing a total weight of 5 lbs. and 3 oz.; single specimens weighing one pound are quite common. A very productive variety. Once thoroughly known will be a great favorite. Pkt., 10c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.75.

Livingston's Perfection Tomato

Introduced by us in 1880.

An improved Livingston's Aeme with a red skin. Produces large fruit until the close of the season. Invariably smooth; of handsome blood-red color. Some canners prefer it to all others, especially those who put up the tomatoes whole. It usually ripens ten days ahead of Livingston's Stone. A splendid sort for the home garden, as well as for market. (See illustration below). Pkt., 10c.; ½-oz., 15c.; oz., 25c.; ¼-lb., 70c.; lb., \$2.25.

Livingston's Buckeye State Tomato

The Largest Variety Bearing the Livingston Name.

Introduced by us in 1893.

Many "mammoth" sorts, on first trial, are rejected on account of their rough and uneven surface. Livingston's Buckeye State Tomato, in addition to its very large size, is also smooth and uniform. It is even more prolific and abundant in fruit than most of the standard sorts now in cultivation, hence it is unquestionably the heaviest cropper known. It matures with the Livingston's Stone. In solidity, meatiness and desirable qualities none surpass it. Foliage is on the potato leaf order. Color much the same as Livingston's Beauty, but darker, and this, together with its fine, large size, makes it very showy and striking when displayed for sale. Pkt., 10c.; ½-oz., 20c.; oz., 35c.; ¼-lb., \$1.00; lb., \$3.50.

Livingston's Honor Bright Tomato

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



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

In the Livingston's Improved Dwarf Champion Tomato we have largely eliminated the two principal objections to the original strain—that of small-sized fruits and short season of bearing. Its fruit is fully one-third larger than the original in all kinds of soils. Bear in mind that all dwarf varieties do their best on well-ripened soil. It continues bearing desirable sized fruits until frosts, which are 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, large meaty center, which is devoid of any hard or green core so prevalent in some sorts. Quality the best. (See cut.)

Pkt., 10c.;
½-oz., 15c.;
oz., 25c.;
¼-lb., 70c.;
lb., \$2.25.



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, and for growing outside for early market. May be planted 2 by 3 feet apart, or even closer making it desirable for small gardens, where every foot of ground must be utilized. Its dark-green foliage and fine glossy-red fruits are very attractive. **Pkt. 10c.; ½-oz. 15c.; oz. 25c.; ¼-lb. 75c.; lb. \$2.50.**

Livingston's Royal Red

Introduced by us in 1892.

A grand tomato, worthy of a prominent position alongside of its renowned predecessors bearing the "Livingston" name. A first-class main crop variety. A beautiful red; very handsome. Desirable for canning and catsup making. **Pkt. 10c.; ½-oz. 15c.; oz. 25c.; ¼-lb. 75c.; lb. \$2.75.**

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. Its yield per acre is very largely increased on account of the large size of fruit and the close planting permitted by its short, husby plants. Vines dwarf, vigorous, of upright growth, and dark green in color. Begins bearing early and continues until killed by frost, another advantage, which is not common to other dwarf sorts. **Pkt. 10c.; ½-oz. 15c.; oz. 25c.; ¼-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, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the thick, broad leaves; has a strong vine, and resists the wind remarkable 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.; ½-oz. 15c.; oz. 25c.; ¼-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 the agreeable mild flavor, as well as the suffused coloring and the peach-like bloom or furze on its surface. Much used for pickling. **Pkt. 10c.; ½-oz. 15c.; oz. 25c.; ¼-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.; ½-oz. 15c.; oz. 25c.; ¼-lb. 75c.; lb. \$2.50.**

Livingston's Yellow Prince

Introduced by us in 1898. A very choice dwarf-growing tomato. Its rank and sturdy, but compact growth, makes it very interesting to cultivate, and this, together with its hearty and usefulness, will delight every lover of a good garden. 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.; ½-oz., 20c.; oz. 30c.; ¼-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, and is the most beautiful tomato ever introduced. The larger and riper fruits are sometimes tinged with red at the blossom end. Beautiful sliced with red sorts. Fine for preserves. **Pkt. 10c.; ½-oz. 15c.; oz. 25c.; ¼-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.; ½-oz. 15c.; oz. 25c.; ¼-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.; ½-oz. 15c.; oz. 25c.; ¼-lb. 75.**

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.; ½-oz. 15c.; oz. 25c.; ¼-lb. 75c.**

LIVINGSTON'S PRINCESS—Similar to Livingston's Multicolor except in color, which is a fine glossy-purple. **Pkt. 10c.; ½-oz. 15c.; oz. 25c.; ¼-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.; ½-oz. 15c.; oz. 25c.; ¼-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.; ½-oz. 15c.; oz. 25c.; ¼-lb. 75c.**

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.

Other Selected Varieties of Standard Tomatoes

For years we have aimed to give all the new varieties of Tomatoes offered a thorough test for quality and comparative points in our True Blue Trial Grounds, near this city, which are under the personal supervision of a most efficient manager, who devotes his best energies to the testing of all the seeds we sell; both for purity of stocks, and also to determine that all seeds sent out by us shall be absolutely of the highest percentage of germination; by this plan we not only keep abreast of the times on the Tomato question, but posted on all varieties of both Flower and Vegetable Seeds, especially all novelties, and are therefore placed in a position to offer those deserving of introduction as fast as brought out by any grower or dealer in the horticultural world. Our limited space in this department of our catalogue will not admit of very full or extended descriptions of the fine Tomatoes offered below. The seed stock we offer we can recommend to be as fine as any offered by our competitors or the original introducers.

Sparks' Earliana

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 this section, which now practically controls the markets of our eastern cities during the last week of June and the month of July. 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 three inches in diameter and from two to two and a half inches in depth; they are fleshy, solid, and excellent for shipping purposes. (See illustration.)

The above is the originator's description. We have tested it fully and can recommend it. Pkt. 5c; ½-oz. 15c; oz. 25c; ¼-lb. 75; lb. \$2.50.

MR. J. T. HUSCRAFT, Jefferson County, Ohio, writes us under date of Jan. 23, 1908, as follows: "I never saw as fine tomatoes and as large a crop as the Earliana I grew last year. There were 8 to 10 in a cluster and all ripen at once."

Chalk's Early Jewel

The largest, smoothest, and finest flavored extra-early Tomato in cultivation—says the originator. 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, being almost round, or ball-shaped. 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 as in most extremely early varieties. Flesh thick, bright scarlet, solid, with comparatively few seeds, and of sweet flavor; skin thin, but sufficiently strong to make it a good shipper. Pkt. 5c; ½-oz. 15; oz. 25c; ¼-lb. 75c; lb. \$2.75.

New Tomato, "June Pink"

ANOTHER GREAT MONEY-MAKER IN A DISTINCT CLASS

The "June Pink Tomato" (we herewith give you the originator's description) in habit of growth is similar to the Earliana. The plant is neat and compact, branching freely, with fruit hanging in clusters of six to ten fruits, both in the crown and at the forks of the branches. Under exactly the same conditions as given Sparks' Earliana and Chalk's Early Jewel, the "June Pink" yielded as much as either, and the vines after the fruit had been harvested were greener and brighter, and showed no tendency to blight. It ripens as early as Sparks' Earliana, and ten days to two weeks ahead of Chalk's Early Jewel.

The fruit is of medium size, uniform, smooth, and attractively shaped, without cracks or any green core. The fruit will average two and three-quarters to three inches in diameter, and two to two and one-half 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. It has the further quality, making it especially desirable for private use, of continuing to bear and ripen fruit until frost.

In offering the "June Pink Tomato" we do so with every confidence that it will at once take the unique position in pink varieties which the Earliana now holds over the whole country in the red sorts. The above is the exact description of the introducers, whom we consider very reliable. Pkt. 5c; ½-oz. 20c; oz. 35c; ¼-lb. \$1.00; lb. \$3.50.

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 two pounds. Somewhat scattered on the vine, and a percentage are rather rough. A good Tomato for home use; a splendid slicer. This Tomato seems to ripen on the inside first; on which account it should be picked when about three-fourths ripe. Our strain is a great improvement over the original type. 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.



Sparks' Earliana Tomato. Packet, 5c.

MAGNIFICENT

A large and productive smooth variety, with beautiful scarlet colored fruit. Reliable. Pkt. 5c.; ½-oz. 15c., oz. 25c.; ¼-lb. 75c.; lb. \$2.50.

TRUCKEE'S FAVORITE

A large fruited purple tomato, solid, smooth, and productive. Pkt., 5c.; oz., 25c.; ¼-lb., 75c.; lb., \$2.75.

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, Lorillard, 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—The above six varieties, 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 receipt 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 the making of pies. Pkt., 5c.; ½-oz., 20c.; oz., 30c.; ¼-lb., \$1.00.

PURPLE-HUSK—This beautiful variety produces fruit in abundance. One to two 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.



VIEW ON OUR TRUE BLUE SEED FARM.

VEGETABLE PLANTS

The Prices of the Plants on this page do not include prepayment of 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.

Livingston's Transplanted Tomato Plants

Ready about April 20th.

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	
Livingston's Beauty.....		
Livingston's Dwarf Stone.....		By Mail, postpaid, dozen, 30c.;
Livingston's Globe.....		By Express, not paid, 50 for 50c.;
Livingston's Improved Dwarf Champion...		100 for 75c.;
Livingston's Stone.....		1000 for \$6.00.
Ponderosa.....		
Sparks' Earliana.....		

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.

ARTICHOKE ROOTS

Lb., 30c.; 3 lbs. for 75c., postpaid. By Freight or Express, 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 10.

CABBAGE—Early Transplanted Plants

Ready about April 1st.

We will supply plants of Glory of Enkhausen, 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 15th.

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—Early Transplanted Plants

Ready about April 10th.

	25	50	100	1000
Livingston's Earliest.....	40c.	65c.	\$1.00	\$7.50
Henderson's Early Snowball.....	40c.	65c.	1.00	7.50

CAULIFLOWER—Field Grown Plants

Ready about June 15th.

	50	100	500	1000
Dry-Weather.....	40c.	70c.	\$3.00	\$5.00
Henderson's Early Snowball.....	40c.	60c.	2.00	4.00
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 varieties at the prices and dates named below:

Livingston's Snowwhite,	Giant Pascal,		
White Plume,	Golden Self-Blanching.	50	100
From June 1st to June 20th.....		40c.	75c.
From June 20th to July 15th.....		35c.	60c.

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 5th to August 20th, 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.

CHIVE ROOTS

These belong to the Onion family; are perfectly hardy, coming up each season very early in the Spring. 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. for 35c.; 50 for 85c.; 100 for \$1.50. Our own growing; and we supply very fine plants.

HOP VINES

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

HORSE RADISH SETS

Splendid New Horse Radish—Nuremburg—From Bavaria comes a new variety of Horse Radish which has a great many points of superiority. By selection and most careful cultivation only, the Nuremburg Horse Radish has reached a point where individual roots 18 inches long by 2½ to 3 inches at the thickest part are produced from the growth of one year. In fact, its shape is like a parsnip. The quality is splendid; crisp, and of very fine flavor. The color is a beautiful pearl-white. Roots ready for planting—By mail, postpaid, 6 for 15c.; doz., 25c.; 50 for 75c.; 100 for \$1.35. By Express, 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. for 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.

	Doz.	50	100
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 Rhubarb. 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-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. Perfectly hardy, even in extreme Northern States. 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 10th.

"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. "Gold Skin"—Postpaid, 90c. per 100. By Express, 60c. per 100; \$5.00 per 1000. Write for special prices on larger quantities.

TARRAGON ROOTS

Its aromatic leaves are used for salads, seasoning, etc.; also for Tarragon Vinegar, and no other herb quite takes its place. If cut in Autumn it can be kept in a dry state the same as other herbs. Each, 15c.; 2 for 25c.; 5 for 50c.; 12 for \$1.00.

Livingston's Capitol Lawn Grass Seed



LIVINGSTON'S
CAPITOL
LAWN GRASS SEED

"Without Gardening, buildings and palaces are but gross handiwork."

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. Even a small lawn, if well cared for, may be made equally 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.

The illustration to the left 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 Livingston's Capitol Lawn Grass Seed.

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 hard cold of winter, showing a beautiful, rich green at all seasons of the year. It contains no annual grasses for making a quick show, to the detriment of a permanent lawn, but has only those which are lasting and hardy. When a lawn is once established from our seed it lasts for years. From six to eight weeks' time is all that is required to form a close, thick turf of rich, velvety green. We have made the formation of lawns a careful study and many of the finest lawns and grass plots all over the United States were made from Livingston's Capitol Lawn Grass Seed. For a perfect and enduring lawn of closely interwoven, firm, elastic turf, which will flourish under varied conditions of soil and climate and show a luxuriant, rich green growth throughout the year, plant Livingston's Capitol Lawn Grass Seed.

Quantities to Use.—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. (½ acre), 50 lbs. for 21,780 sq. ft. (¾ 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 quarts.

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 pound from pound prices if to be sent by Express or Freight.**

Price Second Quality, per lb., 35c.; 3 lbs., \$1.00, postpaid. 1 bu., \$3.50; 2 bus., \$6.50; 5 bus., \$15.00. **Deduct 10c. per pound from pound 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. In the early Spring every lawn should be carefully rolled, to smooth and firm the soil and take out any unevenness caused during the Winter by the heaving of the frost. **During dry spells** the lawn should be thoroughly soaked once a week in the evening or after the sunshine is off the lawn.

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 perfectly even and smooth, water it well, then apply the paste in a thin, even coat.

Old lawns can be renovated by using half quantity of seed necessary to make a new lawn. Rake in the seed with a sharp tooth rake early in the Spring.

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 1,000 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.**

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.**

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.**

WHITE CLOVER

Best for lawns. Sow at rate of 5 lbs. per acre. Lb., 45c., postpaid. By Express—10 lbs., \$3.00; 100 lbs. \$20.00.

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.

Livingston's Recleaned Grass and Clover Seeds

Our Grass and Clover Seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish them with these vitally important qualities—fresh, pure and free from noxious weeds and foreign seeds.

Prices on Grass and Clover Seeds are changing almost daily, and we can only give prices subject to fluctuations. No charge for bags at prices quoted below; do not forget this important item when comparing our prices with others. **Our single pound prices include postage paid by us. Deduct 10 cents per pound from pound price if to be sent with other goods by Express or Freight.**

Those wanting Seeds in Larger Quantities than here quoted should WRITE US FOR SPECIAL RATES and we shall be glad to carefully price, and fully advise you regarding your special requirements; also, if desired, we will send you samples.

AWNLESS BROME GRASS

(*Bromus inermis*)—Will stand long droughts and still produce heavy crops in dry sections where other grasses would surely perish. Has also proven itself one of the hardiest grasses. Especially desirable for permanent pastures. Succeeds in a wider range of temperature than any other grass. Sow from 25 to 30 pounds per acre. (Bu. 14 lbs.) Lb., 30c.; 10 lbs., \$1.50 100 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 pounds per acre. (Bu. 14 lbs.) Lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

CRESTED DOG'S-TAIL—(*Cynosurus cristatus*)—May be sown on lawns; forms a close turf, remaining green a long time; valuable for sheep pasture; succeeds on dry, hard, and gravelly soil. Height 1 to 1½ feet. Sow 25 lbs. per acre. (Bu., 21 lbs.) Lb., 55c.; 10 lbs., \$3.75; 100 lbs., \$30.00.

HARD FESCUE—(*Festuca duriuscula*)—Not very productive but is of very fine quality; thrives in dry situations where many other grasses would fail, thus making it desirable for pasture. Sow 30 pounds per acre. (Bu. about 12 lbs.) Lb., 30c.; 10 lbs., \$1.75; 100 lbs., \$15.00.

KENTUCKY BLUE GRASS, June Grass—(*Poa pratensis*)—Universally known; desirable for pastures and lawns. Sow in Fall or Spring at rate of 30 to 40 lbs. per acre. (Bu., 14 lbs.) **Export Fancy Clean Seed**—Lb., 35c.; 10 lbs., \$1.75; 100 lbs., \$16.50.

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.

ORCHARD GRASS—(*Dactylis glomerata*)—Extremely hardy and widely known. One of the earliest to start in the Spring; grows rapidly; furnishes an abundance of pasture the entire season. Sow 20 to 30 lbs. per acre. (Bu. 14 lbs.) Lb., 35c.; 10 lbs., \$2.25; 100 lbs., \$18.00.

PERENNIAL RYE GRASS—(*Lolium perenne*)—Very nutritious; valuable for meadows or permanent pastures; rapid grower. Sow 25 to 35 lbs. per acre. (Bu. 24 lbs.) Lb., 25c.; 10 lbs., \$1.25; 100 lbs., \$9.00.

RED TOP GRASS—(*Agrostis vulgaris*)—Thrives well in any soil, but best on low land; produces a firm sod. Sow 15 to 20 lbs. per acre. (Bu. 14 lbs.) **Fancy Clean**—Lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

RHODE ISLAND BENT GRASS—(*Agrostis canina*)—Valuable for lawns. Sow 35 to 50 lbs. per acre for lawns, 20 to 30 lbs. for pasture. (Bu. 12 lbs.) Lb., 40c.; 10 lbs., \$3.00; 100 lbs., \$25.00.

SWEET VERNAL—(*Anthoxanthum odoratum*)—Very fragrant. Mixed with other grasses for pasture it is quite valuable, as it starts early in the Spring and grows until late in the Fall. Sow 35 lbs. per acre. (Bu., 10 lbs.) Lb., \$1.00; 10 lbs., \$9.00.

SHEEP'S FESCUE—(*Festuca ovina*)—Grows naturally on light, dry, sandy soils and mountain pastures; considered valuable mixed with other grasses for permanent early Spring pasture. Sow 15 lbs. per acre. (Bu. about 12 lbs.) Lb., 35c.; 10 lbs., \$1.75; 100 lbs., \$16.00.

TALL MEADOW OAT GRASS—(*Avena elatior*)—Used for soiling. Succeeds well in sandy lands, and owing to its long fibrous roots, stands cold and drought well. Sow 25 to 30 lbs. per acre. (Bu. 10 lbs.) Lb., 40c.; 10 lbs., \$2.50; 100 lbs., \$20.00.

TIMOTHY—(*Phleum pratense*)—Well-known variety. When ready to buy, write us for latest prices, whether you want a bag or a carload. Sow 8 lbs. per acre. (Bu., 45 lbs.)

Prime Seed.....Lb., 20c.; 10 lbs., 65c.; 100 lbs., \$5.00.
Choice Seed.....Lb., 20c.; 10 lbs., 70c.; 100 lbs., \$5.50.

WOOD MEADOW GRASS—(*Poa nemoralis*)—Adapted for pasture or pleasure grounds; of early growth; thrives under trees. Sow 25



Alfalfa, or Lucerne Clover.

MIXED GRASSES For Meadows and Permanent Pastures. We are prepared to furnish seeds adapted to all soils, all situations and all purposes—for light, medium, and heavy soils. By light soils we mean that which is more or less of a sandy or gravelly nature; the heavy, clay and heavy loams, while the medium is an intermediate between these two. A light, wet soil, with respect to the grasses suited to it, may be considered same as too heavy soils, and a dry, heavy soil more as the light soils. Write us for what you want, giving nature of soil, number of acres, etc., and we will, with pleasure, give you estimates and terms.

Clover Seeds Parties wishing large quantities will do well to get samples and prices before placing their orders. We handle it on a close margin and supply the finest grades. It is impossible to tell how low our prices are without seeing samples, which will be sent free on application. A bushel of clover seed is 60 pounds. **Deduct 10 cents per pound from single pound prices, if to go by express or freight at purchaser's expense.**

ALFALFA, or LUCERNE—Alfalfa is being more generally grown as experience is teaching our farmers the proper soils on which it should be sown. It requires cutting at least twice the first season, even if not large enough to make hay. Cutting destroys any weeds that may come up in it, and gives the Alfalfa a chance. Must be sown at the rate of 20 to 25 pounds per acre when sown broadcast. It requires well-drained, well-pulverized, deep soil, and should be sown after danger of freezing is over. It prefers sand or gravel subsoil; wet soil is fatal to the plant. Roots from 3 to 15 feet deep, and when established lasts for years, and two or three crops a year can be cut. Not recommended for pasture. Lb., 40c., postpaid; 10 lbs., \$2.50; 100 lbs., \$20.00.

ALSIKE, or HYBRID (Swedish)—Hardest of all clovers. On rich, moist soil, yields large quantities of hay or pasturage. Will thrive in soils which are so wet that the common Red Clover would not live. Unlike some of the other clovers, which have tap roots, Alsike has many fibrous roots, hence is not injured by freezing and thawing of the ground. Esteemed highly by bee keepers. Sow 5 lbs. per acre. Lb., 40c., postpaid; 10 lbs., \$2.50; 100 lbs., \$20.00.

MAMMOTH CLOVER—Valuable with other grasses for mixed hay. Ripens about with Timothy. Being a rank grower, it is used largely for plowing under. Sow 10 lbs per acre. Lb., 30c., postpaid; 10 lbs., \$1.75; 100 lbs., \$15.00.

MEDIUM, or COMMON RED—The most important and valuable of the Clover family. Makes the best of hay. Sow 10 lbs. per acre. Lb., 30c., postpaid; 10 lbs., \$1.75; 100 lbs., \$15.00.

CRIMSON CLOVER

—Should be sown in July, August and September of each year. Can be sown with corn, or any cultivated crop. Sow 10 to 15 lbs. per acre. Cover lightly. Use only American grown seed. The Spring following it can be cut for soiling by April 20; for ensilage May 1 to 15; for seed, first week in June. Lb., 25c., postpaid; 10 lbs., \$1.00; 100 lbs., \$8.50.

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., \$2.50; 100 lbs., \$20.00.



White Dutch Clover.

Millets

GERMAN, or GOLDEN—True Southern Grown—Far superior to Western grown. Will grow in any climate or soil, and make a large yield of most nutritious feed. Prepare the ground well before sowing; sow not less than 50 pounds per acre, at any time between May 1st and June 15th. Cover with a single stroke of a light harrow, or roll without harrowing, or it may be sown with a wheat drill, barely covering the seed. Cut the crop while in bloom, before the seed hardens. (Bu. 50 lbs.) Lb., 20c.; 10 lbs., 50c.; 100 lbs., \$4.00.

GERMAN, Western Grown, at the Market price.

HUNGARIAN (Grass)—A valuable forage plant of the Millet family, but not so coarse. Sown and cultivated same as Millet. Quite a favorite with stockmen. (Bu., 48 lbs.) Lb., 40c.; 10 lbs., 45c.;

Miscellaneous Farm Seeds

Our grade 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.

Artichoke Roots

The Jerusalem Artichoke can be grown only from the tubers. It is especially valuable as a cheap and healthful hog food, and the hogs do the harvesting. **Tubers—4 ozs. 10c; lb. 30c; 3 lbs. 75c., postpaid.** By express or freight, pk. 60c; 1/2-bu. \$1.00; bu. (50 lbs.) \$1.75; bbl. of 3 bus. \$4.50. 3 to 5 bushels of tubers for an acre.

Barley (Bushel 48 lbs.)

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 two bushels per acre. **Lb. 25c; 3 lbs. 65c., postpaid. Pk. 40c; bu. \$1.35.**

Broom Corn (48 lbs. to Bushel.)

IMPROVED EVERGREEN — Best variety for general cultivation on account of color and quality of brush. Ripens early; grows about eight to ten 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. 10 lbs. 80c; 25 lbs. \$1.75; 100 lbs. \$5.50.**

(50 lbs. to Bushel.) Should be sown about the middle of June, using from one to three pecks of seed per acre.

Buckwheat

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. 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. Pk. 60c; bu. \$1.75.**

Cow or Southern Peas (60 lbs. to Bushel.)

There is no surer or cheaper means of improving and increasing the productiveness of 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, and 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 Peas. 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 whole 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 corn planting, at the rate of one-half to one bushel per acre.

BLACK—Quick to mature; well adapted for late planting and north ern sections; a vigorous grower and great yielder. **Pk. 65c; bu. \$2.00.**

WHIP-POOR-WILL—An early, bunch-growing variety; a great favorite in the North and West; quite prolific. **Pk. 65c; bu. \$2.00.**

BLACK-EYE—A prolific vine-growing variety of merit; seed often sold for table use. **Pk. 80c; bu. \$2.75.**

Market Price on Cow Peas changes often. Write for prices on Larger Quantities when ready to buy.

PRICES ON FARM SEEDS ARE SUBJECT TO IMPORTANT MARKET CHANGES. Ask us for Samples and Prices before placing your order.



Kaffir Corn

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 pounds 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; 1/4-lb. 10c; lb. 25c; 3 lbs. 50c.** By express or freight, 10 lbs. 50c; 25 lbs. 85c; 50 lbs. \$1.50; 100 lbs. \$2.75.

Peanuts (Bush. 22 lbs.)

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. **Postpaid, large pkt. 10c; 1/2-lb. 20c; lb. 35c; 3 lbs. \$1.00.** By express, 4 lbs. 75c; 10 lbs. or over, 15c. per pound.

SWEET SPANISH PEANUT—Earliest variety grown.

Pods small, remarkably solid, well-filled, of extra fine quality. Yield per acre very large. **Postpaid, large pkt. 10c; 1/2-lb. 20c; lb. 35c; 3 lbs. \$1.00.** By express, 4 lbs. 75c; 10 lbs. or over, 15c. per pound.

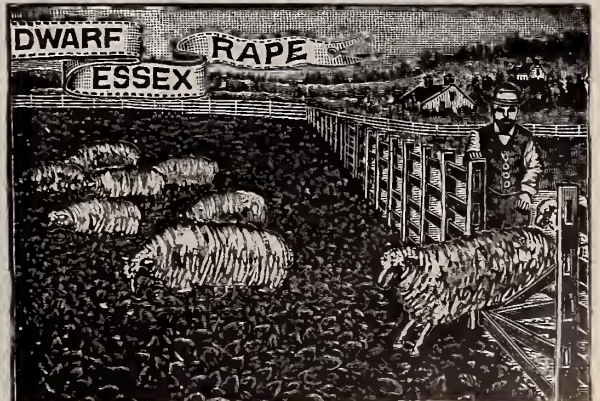


Peas, Canada Field (60 lbs. to Bushel.)

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 1 1/2 to 2 bushels to the acre, or, if with oats sow 1 bushel of each. Sow peas first and plow under, 4 to 5 inches then oats on top and harrow in. **Pk. 65c; bu. \$2.00.** For larger quantities write for Prices, stating quantity you can probably use.

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 pounds 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 Essex Dwarf**, and not the worthless annual. **Postpaid, oz. 5c; 1/4-lb. 15c; lb. 30.** By express or freight, 10 lbs. 80c; 50 lbs. \$3.75; 100 lbs. \$7.00.



MISCELLANEOUS FARM SEEDS (Continued)

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 almost a total failure last season, and consequently our stock is limited. We advise early purchase.

TWO SPLENDID NEW OATS

WHITE TARTAR KING OATS—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., 35c.; bu. (32 lbs.), \$1.25; 10 bus., \$11.50. Bags free.

CANADIAN CLUSTER

All authorities agree that the farther North either animal or vegetable life is developed, the better that development is. This being true, those who are looking for a new stock of pure, healthy, well bred oats grown under circumstances which not only insure the highest development of the plant along productive lines, but the greatest power to resist disease, should try our New Canadian Cluster. It is an early immensely productive, very heavy, white oat, of great merit. Price, postpaid, lb., 30c.; 3 lbs., 75c. By Express or Freight—Pkt., 35c.; bu. (32 lbs.), \$1.25; 10 bu., \$11.50.

SILVER MINE OATS

A tall and very prolific sort. Has a short, thick grain and yields immensely. (See illustration.) 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.

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.



New Oat, White Tartar King.



Oats, Silver Mine.

Prices on all Farm Seeds are subject to Important Market Changes without Notice.

Sorghum, or Sugar Cane (50 pounds to Bushel)

FOR FODDER—Sow 1st to 15th of June, 100 pounds seed per acre and harrow to cover 1 to 2 inches. Harvest after first frost. Cut with Self-Binder or Mower and after 3 days sun put up in large cocks and feed from field, or store in long 8-foot-wide ricks, near feed lot. Yield 8 to 10 tons per acre. Cows and all stock do as well when fed on it as on grass. The will eat it up "slick and clean." One man says, "Not 10 pounds waste in 3 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.

Speltz (Emmer) (40 pounds 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 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.

Soy Bean (60 pounds to Bushel)

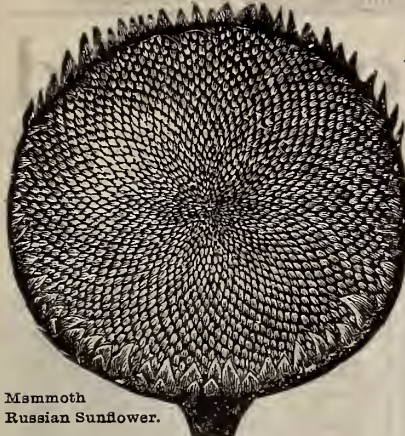
The Soy Bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. In some parts of the South it is extensively grown only for feeding pigs. Agricultural Bulletins all over the Southern States praise it without stint. To plow under in the green state it is certainly one of the very best plants, next to Cow Peas; to sow, 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. 80c; bu. \$2.75.

SOUTHERN GROWN STOCK—To be used South of the Ohio River. By express or freight, pk. 65c; bu. \$2.50.



Soy Bean



Mammoth Russian Sunflower.

Sunflower

Mammoth Russian

(24 lbs. to Bushel)

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 cut).

Choice Stock—By Mail, postpaid—Oz., 5c.; ½-lb., 15c.; lb., 25c. By Express or Freight—10 lbs., \$1; 25 lbs., \$1.85; 100 lbs., \$6.50.

Spring Rye

Write for Samples and Prices.

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., \$1.75. Write us for Prices on Larger Quantities of Spring Wheat.

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 3½ to 5 feet from ground, husks easy, does not fall off in handling. The earliest large corn on the market. Plant any time in May; it has matured planted as late as June 15th. This Corn has been successfully grown for fifteen (15) years on black loam and clay soils, and is well adapted to both."

Last year when we offered Kilbury's Yellow Hybrid for the first time we added the following to the originator's description: "After careful examination of this Corn, both growing in fields and after being harvested, we believe it to be all that Mr. Kilbury claims. It is the result of careful selection from hybrids of Leaming and Clarage, but is much larger than either of the parents, with deep kernels which are well and evenly dented. The color is a very rich orange, darker than Leaming. It is a large, medium early corn; safe to plant in localities no colder than Ohio. This Corn 'looks good' to us, and we recommend our friends to try it." We have now had another season's experience with this Corn and it has pleased us greatly. We are more than ever satisfied that it will prove in every respect even better than we claimed when introducing it. If you want the earliest big eared corn grown, with large, heavy, deep, grains and small cob, a yellow corn that is strictly thoroughbred, plant **Kilbury's Yellow Hybrid**. Our stock of seed is strictly A No. 1.

PRICE—Sample Ears, 30c. each; large packet, 10c.; qt., 40c., postpaid. By Express or Freight, purchaser paying transportation charges—½-pk., 40c.; pk., 60c.; ½-bu., \$1.00; bu., \$1.75; 5 bus., \$7.75; 6 selected ears, 50c.; bu., on ear, \$2.25.

WE ARE SEED GROWERS, and at our large True Blue and Kirkersville Seed Farms have hundreds of acres devoted to growing the highest quality of seeds it is possible to produce. Some varieties which do better in other sections of the country are grown for us by experts in those places where they do the best, under contract, and subject to our personal supervision and frequent inspection; hence our seeds are of highest quality.

Prices of all Farm Seeds quoted in this catalogue are subject to market changes. The prices given are those ruling at the time this catalogue is published, Jan. 1st. But we reserve the right to change prices without notice.

Tree and Hedge Plant Seeds

OSAGE ORANGE—The best of all hedge plants. Postpaid—Oz., 10c.; ¼-lb., 20c.; lb., 60c. By Express—10 lbs., \$4.00; 25 lbs., \$8.75; 50 lbs., \$15.00.

CATALPA (Spectosa)—A rapid grower and makes the best timber trees. Postpaid—Pkt., 5c.; oz., 20c.; ¼-lb., 50c.; lb., \$1.75.

RUSSIAN MULBERRY—Easily grown; hardy; fine hedges; makes fence posts in five years; fruit good. Pkt., 10c.; oz., 30c.; ¼-lb., 85c.; lb., \$3.00, postpaid.

BLACK LOCUST—A very rapid grower, as fence posts or ties may be cut in ten years from planting the seed and will last a life time. Oz., 5c.; ¼-lb., 15c.; lb., 50c., postpaid. By Express—10 lbs., \$3.50; 25 lbs., \$7.50; 50 lbs., \$12.50.

Vetches or Tares (60 lbs. to Bushel.)

HAIRY 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., \$1.50; 25 lbs., \$3.50; 50 lbs., \$5.50; 100 lbs., \$10.00.

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.



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.



This photograph was taken by Prof. W. G. Johnson, and is reproduced by courtesy of the American Agriculturist. It represents a small part of the corn exhibit of some of our customers at the Ohio State Fair. Livingston's Thoroughbred Corns are prize winners.

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.

Our Field Corn Seed crops of 1908 have been very good, and we have warehoused some of the finest Field Corn Seed that we have ever seen, and 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 more than twenty 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 90 DAYS. EARS MEDIUM SIZE. DEEP GRAINED. SMALL COB. A GREAT FEEDING CORN.

A variety of great merit offered and named by us in 1898, and, as anticipated, it has met with great favor wherever it has been thoroughly tested. Our description of Golden Surprise Field Corn consists of plain statements and simple facts.

Our illustration reproduced above is from a photograph, and will give you a very accurate idea of the ears. The cob is small. The corn, as a whole, is indicative of its name, and is, indeed, a genuine surprise to all who grow it. Beautiful in its rich-golden color and even size from butt to tip of the ear. Profitable in its depth of grain and small per cent of waste in cob. Convenient in its short fodder growth and easy break of ear from the stalk. Certain in its early maturity, and, all points considered, the best 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— $\frac{1}{2}$ -peck, 40c.; peck, 60c.; $\frac{1}{4}$ -bushel, \$1.00; bushel, \$1.75; 5 bushels, \$7.75; 6 select ears, 50c.; bushel of ears, \$2.25.

H. F. KNIGHT, Riverside Berrien Co. Mich. Dec. 7, 1908, writes as follows: "The Golden Surprise Field Corn you sent me last spring is far

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. Larger Quantities, by Express or Freight, purchasers must pay the 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 equalled, 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. 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., \$1.60; 5 bus., \$7.25; Carefully Selected Ears—6 ears, 50c.; bu. ears, \$2.25.

White Cap Yellow Dent

We have a large strain of this splendid variety to offer this season. Jan. 6, 1906, ten ears weighed 13 pounds. 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.; ½-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 in color; of 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 ninety days, and is very frequently safe from frost in seventy-five days. Very hardy, ears of uniform size; too small for a main crop, but the right size for stock or cattle feeding; cob small, kernels set closely on the 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 packet, 5c.; qt., 30c., postpaid. ½-pk., 30c.; pk., 50c.; bu., \$1.60; 5 bus., \$7.25.



True Yellow Leaming Field Corn.



True Yellow Clarage Field Corn.

J. B. SANDS, Perry Co., Ohio, writes: "Last Spring I bought a bushel of your Livingston's Golden Surprise Field Corn. I am very well pleased with it in every respect. The fodder is the best I ever saw, and the corn is also A No. 1."

JACOB J. MCKENZIE, Madison Co., Ind., writes: "I have seen the Livingston's Golden Surprise Field Corn you sent to a neighbor and was very much impressed with it, hence this order. It is rightly named—a Golden Surprise—sure."

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 corn meal, 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 earlier than any of the yellow varieties of the same large sized ear. Sample Ear, 30c.; large pkt., 10c.; qt. 30c., postpaid. 1/2-pk. 30c.; pk. 50c.; bu. \$1.60; 5 bus. \$7.25. Carefully Selected Ears—6 ears, 50c; bu. ears, \$2.25.

Reid's Thoroughbred Yellow Dent

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. 1/2-pk., 40c.; pk., 60c.; 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 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

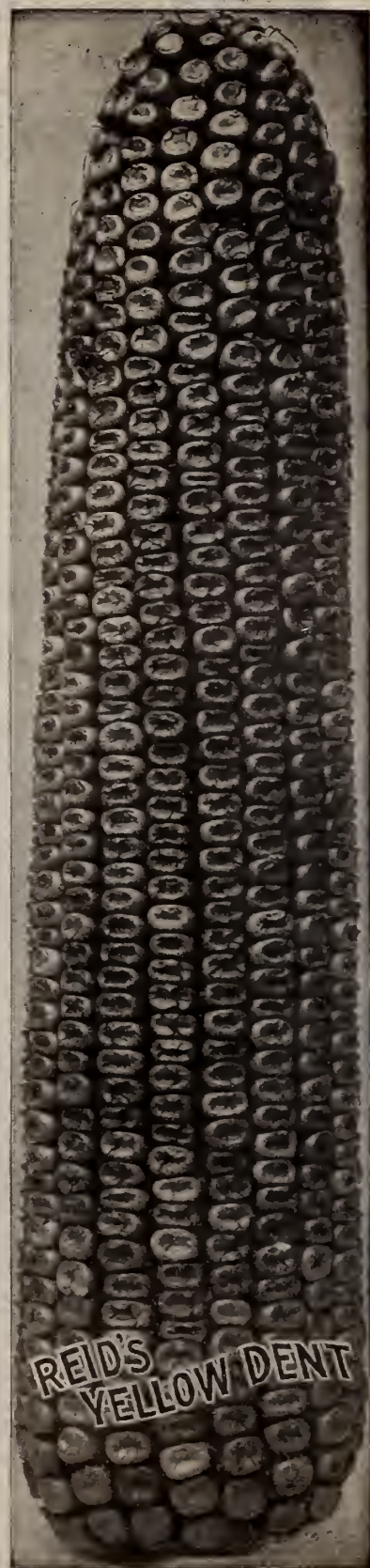
Yields immense crops of stalks which make fine feed for stock of all kinds, either as ensilage or fodder corn. Bu., \$1.60; 5 bus., \$7.25.

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.; 1/4-lb., 10c.; 1-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 include Postage. On larger quantities prices do not include prepayment of Freight or Express charges.



Livingston's Superior Seed Potatoes

German—Kartoffel.

French—Pomme de Terre.

Spanish—Potata.

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.

Any good soil will produce potatoes. When grown upon a good sandy loam, however, their quality is usually much better than that of those produced upon too heavy soils. Make furrows of good depth, three feet apart; scatter a liberal dressing of stable manure or fertilizer along these drills and cover this dressing with a couple of inches of soil; upon this set the cut-seed pieces about eight or ten 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 three feet apart each way. Cover the seed four inches in warm, dry soil; 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.** Our Northern Growers are Potato Specialists, and have grown for us for years. The growth and extent of our Seed Potato Trade is the result mostly of the growers' painstaking care and expert knowledge in growing and selecting the seed stocks with which to grow our crops of Seed Potatoes. To produce healthy stock they use first-class potato land; nothing but pure, well-matured, good-sized seed, besides treating the seed, and spraying the foliage when necessary during the growing season. 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 enroute. We will ship at any date our customer may designate when requested to do so, regardless of 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 2 1/4 Bushels, good measure.**

SEED POTATOES BY MAIL

Prices for small quantities of any of our Seed Potatoes, unless otherwise quoted—**Pound, 25c.; 3 pounds for 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, 25 cents, postpaid.**



Extra Early Ohio Potato Livingston's Banner Potato

OUR SPECIALTY. A GRAND POTATO.

(See illustration above—the bushel to the left.)

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 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. This is our specialty in standard early varieties. And we are confident that many growers do not really know a true Extra-Early Ohio, and have been growing some other sort for it, having been deceived in the purchase of the seed. We know ours are right, because the stock is the product of original headquarters seed. **Prices, Choice Northern Grown Seed—1/2-pk., 30c.; pk., 50c.; 1/2-bu., 85c.; bu., \$1.60; bbl., \$4.00. Special prices will be quoted on larger quantities.**

Introduced by us in 1891.

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. Season medium late. **Choice Sorted Northern Grown Stock—1/2-pk., 30c.; pk., 50c.; 1/2-bu., 80c.; bu., \$1.45; bbl., \$3.75. Write for Special Prices 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. We frequently purchase promising Seedlings for adding to our list. **Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.**

The Seneca Beauty Potato

Introduced by us in 1889.

Very Smooth, Uniform Size, 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 heavy cropper. Prices, Choice Sorted Northern Grown Stock, ½-pk., 30c.; pk., 50c.; ½-bu., 85c.; bu., \$1.60; bbl., \$4.00.

The "Livingston" Potato

Introduced by us in 1896.

GOOD YIELDER, COOKER, AND KEEPER.

In fact, it is "A White Seneca Beauty," and the Seneca Beauty is admitted by all who have ever grown it, to be one of the most beautiful of the many rose-colored varieties; and those familiar with it will at once realize what a beauty it would be in a white jacket, and especially if it retained its delicate Peach-blow 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, Number 133, Ohio Experiment Stations, 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—½-pk., 30c.; pk., 50c.; ½-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 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—½-pk., 30c.; pk., 50c.; ½-bu., 85c.; bu., \$1.60; bbl., \$4.00.

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, ½-pk., 35c.; pk., 60c.; ½-bu., \$1.00; bu., \$1.80; bbl., \$4.50.



Extra Early Cobbler 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 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 1st. Good Stock is Very Scarce This Season. Order early.

Livingston's "GOLD SKIN" Sweet Potato

This great improvement in the Sweet Potato line comes from the State of Delaware. An extensive Delaware grower called our attention to this variety three years ago last Fall, sending us a few "bunches," or hills of the potatoes attached to the vines. They were certainly beauties. (See illustration, made from a photograph we took at the time) We at once arranged for the control of the entire stock.

The color outside is "Old Gold," and is very attractive. Inside, very rich deep-yellow. The table quality is unsurpassed.

The originator says: "We have been growing the "Gold Skin" Sweet Potato for years, and find them first-class in every respect. In appearance unexcelled; always growing short and chunky, all seeming to shape up well whether large or small. (In fact there are not many small ones in them). Their color the richest yet, their table qualities second to none; their keeping qualities are among the best, keeping last Winter equally as well as anything we had, Cedarville and Up-Rivers not excepted. Especially adapted to poor, sandy soil, and will grow more potatoes on poor land, with less fertilizer, than any other variety we have ever seen. They sell readily in any market."

Seed of the "Gold Skin" Sweet Potato will be sold as follows, while our stock lasts: ½-pk., 50c.; pk., 80c.; ½-bu., \$1.50; bu., \$2.75; bbl. (3 bu.), \$7.50, by Freight or Express, not prepaid.

UP RIVERS

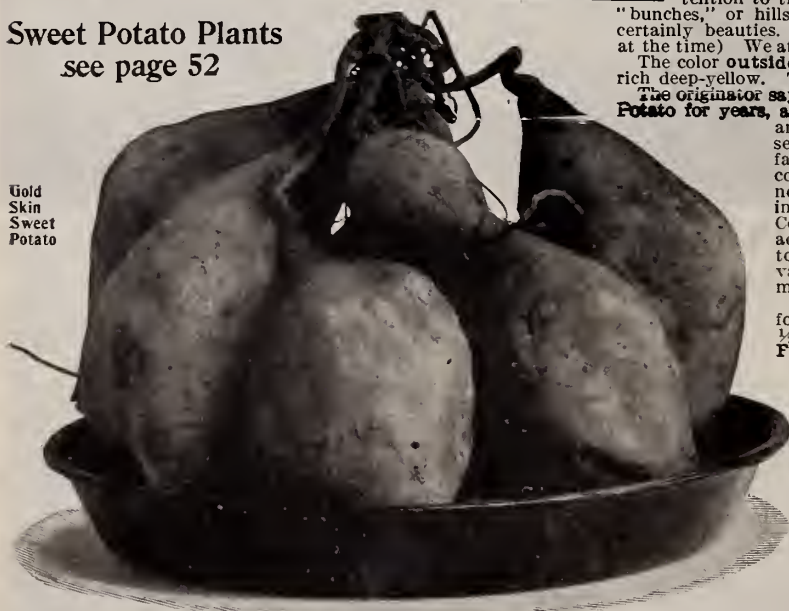
A Select Strain of smooth, short, 'chunky' Yellow Jersey Sweet Potatoes which yield a larger per cent of marketable stock and sell higher than any variety, except "Gold Skin." Dry and sweet. A splendid Sweet Potato. This is our specialty in Seed Sweets; we recommend it as very fine. Pk. 50c.; ½-bu. 80c.; bu. \$1.50; bbl. (3 bus.), \$4.00, by Freight or Express, not prepaid.

YELLOW JERSEY, or NANSEMOND—A fine old favorite variety. Pk. 50c.; ½-bu. 80c.; bus. \$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 52



Gold Skin Sweet Potato

Livingston's Selected Flower Seeds

We have this year carefully revised our list of flower seeds, added a number of splendid new varieties. It will now be found to contain all that are really desirable. The latest and best in 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 will be found Asters, Balsams, Mignonette, Sweet Peas, Nasturtiums, Morning Glories, and many other very brilliant and fragrant flowers.

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 flowers 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 Packets.
- For 50 cents select Packets to the amount of 65c.
- 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.



A Beautiful Back Yard. Background Rudbeckia, with Border of Dwarf Nasturtiums and Edging of Alyssum.

FLOWERS FROM SEEDS

Everyone admires the comfortable and cheerful appearance of the homes of the thrifty who have improved their grounds. There is no surer or quicker way to beautify and refine your surroundings than by planting flower seeds. Flower gardening is a delightful and healthful outdoor recreation, fascinatingly interesting from the planning of the garden to the joyous satisfaction of seeing the blooms unfold their gorgeous beauty, spreading fragrance and refinement to all.

We urge the extensive use of flower seeds. Many of our most beautiful flower gardens are raised from seeds. Their culture is very simple. The results, quick and beautiful and the cost low. In Europe vast quantities of flower seeds are used in garden decoration, charming the eye with an endless variety of delightful effects.

If "Beautiful America" is to become a fact, the beginning must be made on the home grounds, and largely with flower seeds. To assist in popularizing these ideals we have collated 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.

PKT.	PKT.
✓ Ageratum.....	✓ Dianthus (An'als) 5
✓ Alyssum.....	✓ Eschscholtzia..... 5
✓ Antirrhinum.....	✓ Gaillardia..... 5
✓ Asters.....	✓ Lobelia (Compacta) 5
✓ Balsams.....	✓ Marigolds..... 5
✓ Calendula.....	✓ Nasturtium, Tom 5
✓ Calliopsis.....	✓ Thumb..... 5
✓ Candytuft.....	✓ Pansy..... 5-10
✓ Carnation.....	✓ Petunias..... 5
✓ Marguerite.....	✓ Phlox Drummondii 5
✓ Celosia.....	✓ Poppies..... 5
✓ Chrysanthemum (Annual).....	✓ Portulaca..... 5
✓ Convulvulus Minor.....	✓ Salvia Splendens..... 10
✓ Cosmos (Dwarf).....	✓ Stocks..... 10
✓ Dahlias (Tom Thumb).....	✓ Verbenas..... 10
	✓ Vinca..... 5
	✓ Zinnias..... 5

Large Showy Annuals for Backgrounds and Borders

✓ Amaranthus.....	✓ Hibiscus..... 5
✓ Arctotis, Blue.....	✓ Larkspur (Br'ch'g) 5
✓ Daisy.....	✓ Marigolds..... 5
✓ Celosia Plumosa.....	✓ Nicotiana..... 5
✓ Centaurea.....	✓ Poppies (tall sorts) 5
✓ Imperialis.....	✓ Ricinus..... 5
✓ Cosmos.....	✓ Salvia..... 10
✓ Datura.....	✓ Sunflower..... 5
✓ Euphorbia.....	✓ Zinnias..... 5

Colored Foliage Plants for Ribbon Beds, etc.

✓ Amaranthus.....	✓ Cineraria, Maritima 5
✓ Centaurea, White Leaved Varieties.....	✓ Coleus..... 10-15-20
	✓ Pyrethrum Aureum 5

Hardy Perennial Climbers for Permanent Situations

✓ Adlumia.....	✓ Clematis..... 10
✓ Ampelopsis Veitchi.....	✓ Lathyrus..... 5
✓ Aristolochia Sipho.....	✓ Latifolius..... 5
✓ Kenilworth Ivy.....	

Climbing Annuals for Arbors, Verandas, Trellises, Etc.

PKT.	PKT.
✓ Balloon Vine.....	✓ Humulus (Hop)..... 5
✓ Balsam Apple and Pear.....	✓ Ipomaea..... 5
✓ Canary Bird Vine.....	✓ Maurandia..... 10
✓ Cobaea.....	✓ Morning Glories..... 5-10
✓ Convolvulus Maj.....	✓ Nasturtium..... 5-10
✓ Cypress Vine.....	✓ Sweet Peas..... 5-10
✓ Dolichos.....	✓ Thunbergia..... 5
✓ Gourds.....	✓ Wild Cucumber..... 5

Hardy Flowering Perennials for Permanent Beds and Borders.

✓ Anemone.....	✓ Hibiscus..... 5
✓ Antirrhinum.....	✓ Hollyhock..... 10
✓ Aquilegia.....	✓ Lavender..... 5
✓ Campanula.....	✓ Lychnis..... 5
✓ Candytuft (hardy).....	✓ Myosotis..... 5
✓ Canterbury Bells.....	✓ Phlox (hardy)..... 10
✓ Carnation.....	✓ Pinks (hardy)..... 10
✓ Chrysanthemum.....	✓ Poppy (hardy)..... 10
✓ Perennial var.....	✓ Primrose (Japan)..... 10
✓ Coreopsis (Hardy).....	✓ Pyrethrum (Har)..... 5-10
✓ Delphinium.....	✓ Scabiosa Caucasia..... 10
✓ Dianthus (hardy).....	✓ Stokesia..... 10
✓ Digitalis.....	✓ Sweet William..... 5
✓ Gaillardia.....	✓ Valeriana..... 5
✓ Gypsophila.....	✓ Violet..... 10
	✓ Wallflower..... 5-10

Plants Succeeding in Partial Shade.

✓ Antirrhinum.....	✓ Ferns..... 15
✓ Aquilegia.....	✓ Matricaria, Feverfew..... 10
✓ Asperula.....	✓ Mimulus..... 5-10
✓ Begonia, Tuberosa.....	✓ Myosotis..... 5
✓ Bellis (Daisies).....	✓ Pansy..... 5-10
✓ Canterbury Bells.....	✓ Poppies (Hardy)..... 10
✓ Coreopsis.....	✓ Torenia..... 10
✓ Delphinium.....	✓ Violet..... 10
✓ Digitalis.....	

Plants for Vases, Hanging Baskets, Veranda Boxes, & Drooping Sorts

PKT.	PKT.
✓ Alyssum.....	✓ Begonia Vernon..... 10
✓ Asparagus.....	✓ Centaurea..... 5
✓ Sprengeri.....	✓ Cineraria..... 15-25
✓ Candytuft.....	✓ Coleus..... 10-20
✓ Lobelia Gracilis.....	✓ Fern..... 15-25
✓ Maurandia.....	✓ Fuschia..... 15
✓ Nasturtium.....	✓ Geranium..... 10-15-20
✓ Oxalis.....	✓ Heliotrope..... 5-10
✓ Petunia.....	✓ Impatiens..... 10
✓ Torenia.....	✓ Pansy..... 5-10-25

Long-Stemmed Flowers Suitable for Cutting

✓ Aquilegia.....	✓ Gaillardias..... 5
✓ Asters.....	✓ Larkspur, Br'ch'g..... 5
✓ Calliopsis.....	✓ Marigolds..... 5
✓ Carnations.....	✓ Matricaria..... 5
✓ Centaurea Cyanus.....	✓ (Feverfew)..... 5
✓ Centaurea Sweet.....	✓ Mignonette..... 5
✓ Sultan.....	✓ Poppies..... 3-10
✓ Chrysanthemums.....	✓ Salpiglossis..... 5
✓ Coreopsis.....	✓ Scabiosa..... 5
✓ Cosmos.....	✓ Stocks..... 5-10
✓ Dahlias.....	✓ Stokesia..... 10
✓ Delphinium.....	✓ Sunflowers, cut and come again..... 5
✓ Gypsophila.....	✓ Sweet Peas..... 5-10
✓ Paniculata.....	✓ Sweet Sultans..... 5
	✓ Zinnias..... 5

Plants Suitable for Edgings.

✓ Ageratum.....	✓ Lobelia Compacta..... 5
✓ Alyssum.....	✓ Marigold, Legion of Honor, 9 in..... 5
✓ Begonia Vernon.....	✓ Phlox D. Compacta..... 10
✓ Bellis (Daisies).....	✓ Pinks (Hardy)..... 10
✓ Candytuft.....	✓ Portulaca..... 5-10
✓ Centaurea.....	✓ Pyrethrum Aureum..... 5
✓ Candidissima.....	✓ Verbena..... 5
✓ Cosmos (Dwarf).....	✓ Zinnia, Dwarf..... 5
✓ Globe Amaranth.....	
✓ Nana Compacta.....	

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 potbed. When the young plants are an inch high, transplant to a warm bed of finely pulverized soil, from whence they can be transplanted 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 engraving herewith, reproduced from a photograph, shows but four kinds, all reduced in size, also a portion of a growing field of these Asters. These pictures can give you but a faint idea of their superb quality. Height about 2 feet. **Packet, 10c.; Extra Large Packet, 20c.; 1/4 oz., 50c.**

LIVINGSTON'S EXHIBITION ASTER COLLECTION, 50c.

This magnificent collection contains the finest and most complete assortment of mammoth flowering Asters it is possible to offer—the newest kinds, all colors, all varieties; early and late. The symmetrical globe-shaped and the fluffy chrysanthemum sorts. They will produce a wealth of bloom which for wonderful size, exquisite colors and variety of beautiful forms cannot be surpassed.

1 large pkt., **Simple's Giant Branching**, finest mixed.
 1 large pkt., **Giant Ostrich Plume**, finest mixed.
 1 large pkt., **Giant Comet**, finest mixed.
 1 large pkt., **Truffant'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 illustration on page 66), 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 80c.

Semple's Giant Late Branching Asters

(See No. 1 in illustration on opposite page.)

A superior strain of American-grown Asters which have been brought to a high degree of excellence. Of branching habit, producing many perfect flowers four inches or more in diameter on long stems; flowers are very double and of the purest colors. The strong, branching plants grow about 2½ feet high. The flowers have very graceful and wavy petals, which give to the flowers that elegant Japanese Chrysanthemum effect which is so greatly admired. Immense quantities of these fine Asters are grown for the florists' cut-flower trade. Its large beautiful flowers, free-flowering habit, and long stems, make it a prime favorite with large growers of Asters.

Semple's Giant Finest Mixed Colors—All shades and colors. Pkt., 10c.; ½-oz., 20c.; ¼-oz., 35c.; oz., \$1.00.

Semple's Giant Lavender pkt., 10c.

Semple's Giant Royal Purple pkt., 10c.

Semple's Giant Pure White pkt., 10c.

Semple's Giant Crimson pkt., 10c.

Semple's Giant Shell Pink pkt., 10c.

Collection Semple's Giant Asters, 5 above sorts, 35c.

Livingston's Giant Ostrich Plume Asters

A very large-flowering class whose blooms are of the most perfect shape; splendid for cut-flowers. Resembles the Giant Comet Asters, as it has 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 (½ 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.; ½-oz., 25c.; ¼-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.

TRUFFAUT'S Peony-Flowered Perfection Asters

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 (See No. 2 in illustration on opposite page.) Very profuse bloomers, producing rich and strikingly brilliant flowers. We can recommend them very strongly, as we know they will delight you. 2 feet.

Peony Flowered, Mixed Colors—Fine assortment. Pkt., 10c.; ½-oz., 25c.; ¼-oz., 45c.

Peony-Flowered Snow White, pkt. 10c.

Peony-Flowered Sky Blue, pkt. 10c.

Peony-Flowered Brilliant Rose, pkt. 10c.

Peony-Flowered Dark Blue, pkt. 10c.

Peony-Flowered Rich Crimson, pkt. 10c.

Peony-Flowered Brilliant Scarlet, pkt. 10c.

Collection Peony-Flowered Asters, 6 separate colors, 50c.

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. (See No. 3 in illustration on opposite page.) The Victoria Asters resemble Truffauts Peony-Flowered Asters very closely, except that the petals recurve to the edge of the flower instead of incurving to the center. Superb colors; elegant sort. 2 feet.

Victoria Asters, Mixed Colors—Very fine. Pkt., 10c.; ½-oz., 35c.; ¼-oz., 60c.

Separate Colors—Crimson, Carmine Rose, Dark Blue, Light Blue, Pure White. Each color, pkt., 10c. 5 separate colors, 40c.

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 2½ 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.; ½-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, 6 separate colors, 50c.



Livingston's Giant Ostrich Plume Asters (much reduced in size), pkt. 10c.

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 (see illustration of same, No. 1 in cut on opposite page.) Its perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting. A favorite sort. Height, 1½ feet.

MIXED COLORS—All colors in finest mixture. Pkt., 5c.; ½-oz., 15c.; ¼-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.

DWARF COMET OR POODLE ASTERS—Recurved Dwarf Comet Asters. 1½ feet. Mixed Colors.

SIX BEAUTIFUL NEW ASTERS

New Aster, Violet King

The habit of growth of this newcomer is similar to the Branching Asters, growing vigorously about two and one-half 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 four to five inches in diameter. (See illustration.) Petals somewhat resemble the quilled varieties, but are much larger 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 unsalable the blooms of the Violet King Aster sold readily at 50 to 75 cents 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.; ¼-oz., 75c.; ½-oz., \$1.25; oz., \$2.00.

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 luxuriant foliage. The shape of the flower is round and the size extraordinarily large. (See illustration.) A very valuable flower for commercial growers and the home garden.

The new Asters 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 packet, 10c.; Pink, per packet, 10c.; White and Pink Mixed, per packet, 10c.

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 over-estimated. Pkt., 10c.; 3 pkts. for 25c.

Miss Roosevelt, (Victoria)

The flowers of this new Aster are of a clear primrose tint, which changes to a delicate flesh-color, like that of the popular Gloire de Dijon rose. A splendid cut-flower. Pkt., 10c.; ½-oz., 50c.

Daybreak

Flowers very large and double, of a beautiful shell-pink color. This is a grand Aster for cutting purposes, growing 2 ft. high. The best late market Aster of its color to date. Pkt. 10c.; ¼-oz. \$1.00.

Purity

One of the most beautiful of the Branching Asters. Double flowers of glistening pure white; similar to Daybreak in form and habit of growth. Pkt., 10c.; ¼-oz., \$1.00.

VARIOUS ASTERS

The "Carlson" Asters

A Popular Class with Chicago Florists.

A variety of the Peony Flowered type. Flowers of good size and great substance; long, stiff stems; colors well fixed and very beautiful. Comes into bloom a little earlier than Semple's Giant Branching Asters.

MIXED COLORS—Elegant mixture of best colors. Pkt., 10c.; ½-oz., 25c. Separate Colors—White, Rose-Pink, Lavender, Violet-Blue. Each color, pkt., 10c. Collection, 4 separate colors, 30c.

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.

WASHINGTON—An immense Victoria Aster; many colors. 2½ feet. Pkt., 10c.

JEWEL, or BALL—Round, double flowers; many colors. 1½ feet. Pkt., 10c.

HARDY ASTERS ("Michaelmas Daisies")—Splendid for permanent position in the hardy border, forming large bushy clumps about two feet high, covered with large single flowers of lavender, purple and white during late summer and autumn. Mixed Colors. Pkt., 10c.



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, 1½ 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. 1½ feet. Pkt., 10c.

DWARF QUEEN—One of the best dwarf growing Asters; a very beautiful, easy-flowering class, for pots, beds or borders. 9 inches. Mixed colors. Pkt., 10c.

BETTERIDGE'S QUILLED—Flowers have tube or quilled-shaped petals; are very beautiful and perfectly double. 1½ feet. Mixed colors. Pkt., 5c.

DON'T FORGET TO ASK FOR YOUR FREE PREMIUM SEEDS. SEE PAGE 2.

Choice Varieties of **Sweet Alyssum** (MAD-WORT)

One of the sweet-scented flowers that is always in every garden. An easily grown annual; fine for beds, edgings, or for cuttings. (See illustration.)

✓ **Sweet Alyssum** (*Martinum*)—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 six inches in height, each plant will carpet a circle from 20 to 30 inches in diameter. From early Summer until very late Autumn, the plants are a solid mass of snow-white flowers, of delicious fragrance. Pkt., 5c.; ¼-oz., 15c.; ½-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. Nine inches high. Pkt., 5c.; ¼-oz., 20c.; ½-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. A good mixture of 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. A fine mixture. 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 ft. Rose and White, mixed, pkt., 5c.; ½-oz., 15c.

✓ **ADLUMIA CIRRHOSA**

(*Mountain Fringe*, or *Allegheny Vine*)

Beautiful, hardy biennial climber, flowering the first season; clusters of small rosy-lilac flowers and pale green feathery foliage. 15 ft. 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. Deeply colored of all Ageratums. Fine bedder. (See illustration.) Pkt., 10c.; ¼-oz., 25c.

✓ **Princess Victoria Louise**—A very pretty dwarf. Little bushes 5 to 6 inches high. Splendid in combination with Sweet Alyssum. The color is a bright blue, with white center. Pkt. 10c.; 2 pkts., 15c.; ½-oz., 25c.

✓ **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. 1½ feet. Pkt., 5c.

✓ **Finest Mixed**—Splendid. Pkt., 5c., ¼-oz., 15c.



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 (see illustration) are most brilliant and showy. 2 feet.

✓ **Giant White**—Pure snow-white, pkt., 10c.

✓ **Giant Rose**—Delicate rose-pink, pkt., 10c.

✓ **Giant Firefly**—Scarlet and white, pkt., 10c.

✓ **Giant Scarlet**—Brilliant scarlet, pkt., 10c.

✓ **Giant Yellow**—Pure soft yellow, pkt., 10c.

✓ **Giant Striped**—Yellow and red, pkt., 10c.

✓ **Giant Queen Victoria**—New, extra-large, superb, pure-white, pkt., 10c.

✓ **Giant Dallah**—White and carmine, pkt., 10c.

Collection *Giant Antirrhinums*, 8 separate colors, 60c.

✓ **Giant Flowering Finest Mixed Colors**—An elegant assortment of innumerable rich colors and shades, including all the named varieties offered above. Pkt., 10c.; 3 pkts. 25c.; ¼-oz., 30c.; oz. \$1.00.

✓ **Dwarf Mixture**—Contains the very choicest colors. 12 inches. Pkt., 5c.; ¼-oz., 20c.

✓ **Tall Mixture**—The best colors. 2 feet. Pkt., 5c.; ¼-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.; ½-oz., 15c.; oz., 25c.

✓ **AMPELOPSIS** (*Veitchii*), "Japanese Ivy," or "Boston Ivy."

A most beautiful hardy vine, clinging firmly to the sides of a house or wall, and soon forms a perfect mass of glossy, green leaves which change to a rich scarlet in Autumn. Pkt., 5c.; ½-oz., 15c.

Plants, see page 114.

ANEMONE CORONARIA

Spring flowering, hardy, garden Anemone. Easily grown from seed. Mixed colors. Pkt., 5c.



AGERATUM

ANTIRRHINUM

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. 1½ to 2 feet. *Aquilegia Plants*, see page 108.

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., 15c.

New Single Hybrids—Large-flowering. Very fine. **Mixed Colors**, Pkt., 10c.
New Long-spurred Columbine "ROSE 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.

ARISTOLOCHIA SIPHO (Dutchman's Pipe Vine.)

The well-known hardy climber with pipe-shaped flowers and large heart-shaped leaves. Very effective for verandas. Grows 15 to 30 feet. Pkt., 10c.

ARISTOLOCHIA PLANTS—See Page 114.

ASPARGUS

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.

ARCTOTIS GRANDIS (The African Lilac Daisy)

A very handsome introduction from South Africa; the large flower heads are 2½ to 3 inches across. Pure white, with light blue center; the underside of petals being pale lilac. Of easy culture. Blooms from early Summer until frost. Annuals. Height 2 feet. Pkt., 10c.; 2 pkts., 15c.; ¼-oz., 25c.

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.



Begonias Grown from Seed

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 would seem strange. 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—Elegant variety with bright orange-carmine flowers and very dark leaves. Pkt., 10c.

For BEGONIA TUBERS see Page 96.

For 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.

Calycanthema "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 dwarfier 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., 15c.

HARDY CAMPANULAS

Pyramidalis Blue—3½ feet. Pkt., 10c.

Pyramidalis White—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 108.

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 everywhere admired. The finest mixture in cultivation. Pkt., 10c.; ¼-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.; ¼-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; ¼-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 Solferino—White with lilac and scarlet; fine. Pkt., 5c.; oz., 60c.

Double Mixed Balsam—Pkt., 5c.; ¼-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 ft. 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.; ¼-oz., 10c.

BELLIS—See Daisies, page 72.



Livingston's Cannas

GROWN FROM SEED

Year by year as the wonderful value of Cannas as bedding plants has been realized the sales of seeds have reached enormous proportions. Cannas would 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. They also make splendid Winter house plants, being such continuous bloomers.

- ✓ **LARGE-FLOWERING CANNAS**
- ✓ **Crimson Bedder**—Beautiful crimson blooms. Pkt., 10c.
- ✓ **David Harum**—Flowers large, bright vermillion, spotted crimson; foliage, bronzed-red. 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, 5 separate sorts, 35c.

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 (see illustration.) This elegant collection contains everything that is best in Cannas. Pkt., 5c.; large pkt., 10c.; 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.



Bed of Cannas Surrounded by Coleus.

Calliopsis, or Coreopsis

One of the easiest grown annual flowers; can be used with fine effect anywhere—in beds, borders or masses. The brilliantly colored blossoms are very showy. Blooms all the time. Sow the seed thinly when weather becomes warm and soil dry. Fine for cut-flowers. 1 to 2 ft.

- ✓ **Hybrida Superba**—Very showy new hybrids in great variety of color varying from pale yellow to rich orange and velvety brown, covered with flowers all season. 1 foot high. Pkt., 10c.; ¼-oz., 25c.
- ✓ **Golden Wave (Drummondii)**—Bushy, compact plants, covered with very large bright golden-yellow flowers having dark brown centers. (See illustration.) Pkt., 5c.; ¼-oz., 10c.
- ✓ **Mixed Tall Sorts**—All choice sorts. Pkt., 5c.; oz., 20c.
- ✓ **Mixed Dwarf Sorts**—Fine for bedding. Pkt., 5c.; oz., 25c.
- ✓ **Coronata**—Showy, large, pure, yellow flowers. Pkt., 5c.; ½-oz., 15c.

HARDY COREOPSIS

California Sunbeams (Grandiflora)—An improved large-flowering strain. Fine light-yellow and brown blooms. Pkt., 5c.

- ✓ **Lanceolata Grandiflora (Harvest Moon)**—One of the grandest perennial plants. Fine in masses, or as cut-flowers; the individual blooms are very large and of the richest golden-yellow. Pkt., 10c.; ¼-oz., 20c.; oz., 60c.
- ✓ **Coreopsis Plants**—See Page 109.

✓ **CALCEOLARIA**
Ornamental greenhouse plants producing a mass of brilliantly colored pocket-like flowers, elegantly colored. **Finest mixed varieties.** Pkt., 25c.



Coreopsis, Golden Wave. Pkt., 5c.



Dwarf Hybrid Candytuft. Pkt., 10c.

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. Perfectly hardy, grows easily, and blooms all the time until frost. Splendid for cut-flowers. Sow the seed thinly where they are to remain. 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 Hybrid, White**, pkt., 10c.; ½-oz., 35c.
- ✓ **Large Flowering Dwarf Hybrid, Flesh**, pkt., 10c.; ½-oz., 35c.
- ✓ **Large Flowering Dwarf Hybrid, Rose**, pkt., 10c.; ½-oz., 50c.
- ✓ **Large Flowering Dwarf Hybrid, 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 three inches through. Very similar in shape and size to a Dutch Hyacinth. Fine for bedding and cutting. Height one foot. Pkt. 10c.; ½-oz. 15c.; ¼-oz. 25c.; oz. 40c.
- ✓ **White Rocket**—Compact spikes; a very popular sort. Pkt., 5c.; oz., 15c.
- ✓ **Odorata**—Pure white and most fragrant. Pkt., 5c.; oz., 20c.

✓ **Purple**—Very handsome variety. Pkt., 5c.
 ✓ **Dark Crimson**—A brilliant shade. Pkt., 5c.
Candytuft, Mixed Annual Sorts—Our mixture contains all the best varieties and colors. Perfectly adapted to beds and borders, and is of the easiest cultivation. 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.; ¼-oz. 25c.

Choice Large Flowering Carnations

The most magnificent of all the Pink family, and universal favorites for their delicious fragrance and richness of colors. Seeds may be sown under glass in Spring, or in open ground, but must be protected in Winter. Half-hardy perennials.

VARIETIES THAT BLOOM THE FIRST YEAR FROM SEED

GIANT MARGUERITE CARNATIONS

These splendid new early-flowering Summer Carnations are a great improvement. 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. The large double flowers are produced on long stems, and range through a great variety of elegant colors, besides being very sweet-scented, 1 foot high. (See Illustration.) Our mixture is splendid. Pkt., 10c.

Marguerite Double White—Pure white, large flowers, stiff stalks. Pkt., 10c.

Marguerite Double Yellow—A soft clear shade. Pkt., 15c.

Marguerite New Half Dwarf Mixed—A grand new sort. Flowers are very large, double and fragrant, and in all respects excel every other carnation in this class. Colors include white, pink, crimson and striped. If taken up in the fall will bloom all winter, 15 inches high. Mixed colors. Pkt., 10c.; ¼-oz., 40c.

Chaubaud's New Giant Perpetual—A new strain. Comes into bloom in a little over four months from seed; of extra large size, fine range of colors, very sweet-scented, long stems, profuse bloomers. Mixed colors. Pkt., 10c.

Giant Perpetual Scarlet—Large double flowers, beautiful shade of red. Pkt., 25c.

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; stems long and strong. Pkt., 20c.

LIVINGSTON'S "PEERLESS" CARNATION MIXTURE—All Bloom the first Summer. A very choice mixture including all the above superb sorts. Bloom the first Summer, producing flowers equal to the finest florists' carnations. Very fragrant. May be potted in September and will bloom in the house all Winter. Pkt. (about 75 seeds) 25c.

CARNATIONS THAT BLOOM THE SECOND YEAR FROM SEED

Finest Double Mixed—Seed saved from finest named flowers. Pkt., 15c.

Fine Double Mixed—A very choice mixture. Pkt., 10c.

Carnations and Picotees—All classes; superb double mixed; unrivalled quality. Pkt. 25c

Dwarf Vienna—An early-flowering Carnation, very double, of the choicest colors. Pkt., 10c.

Red Grenadin—For yielding a quantity of double red flowers there is no outdoor Carnation that can equal it. Lives through Winter with little protection. Pkt., 10c.

CATCHFLY (Silene)

A showy, free-blooming annual; 6 inches. Mixed sorts and colors. Pkt., 5c.

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.

Emperor William—The rich, deep blue Bachelor's Button. Pkt., 5c.; ½-oz., 10c.

Double Varieties—A comparatively new strain; about three-quarters of the flowers come double; many choice colors. Pkt., 5c.; ½-oz., 15c.

GIANT-FLOWERING SWEET SULTANS (Centaurea Imperialis)

The very large sweet-scented flowers of this elegant class are the finest of all Sweet Sultans for cut-flowers. The blooms are borne on long stems. Of the easiest growth, and very showy in the garden all Summer long. (See illustration.)

Giant Mixed Colors—An elegant assortment of colors. Pkt. 5c.; ¼-oz. 25c.; oz. 75c.

Giant Chameleon—Colors change from yellow to lilac and rose. Pkt., 5c.

Giant White—Splendid for bouquets; large, fragrant, elegant. Pkt., 5c.; ¼-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's Buttons and Giant Sweet Sultans. Will make a glorious display in your garden. Pkt., 5c.; ¼-oz., 25c.; oz., 75c.

WHITE-LEAVED CENTAUREAS (Dusty Millers)

Silver-foliaged plants; extensively used for edgings, hanging baskets, etc. Start early.

Candidissima—Very thick, broadly-cut silvery-white leaves. 1 foot. Pkt., 10c.

Gymnocarpa—Leaves fern-like; silvery-gray color. Fine for borders. 1½ ft. 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., 10c. **Double Golden Yellow**—Pkt., 10c.

Double Sorts Mixed—All the most desirable colors. Pkt., 5c.; ¼-oz., 15c.

Single Sorts Mixed—Includes the finest shades and markings. Pkt. 5c.; ¼-oz. 10c.

Livingston's Choice Mixed Chrysanthemums, Single and Double Sorts—Very desirable for the Summer garden; showy; free-flowering. Pkt. 5c.; ¼-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.

Maximum (Triumph Daisy)—Large, single, pure white, yellow center. Pkt., 10c.

Shasta Daisy Pkt., 15c. For description see page 87.

CHRYSANTHEMUM INQODORUM (Bridal Robe)—New; pure white; extra fine; 10 inches. Pkt., 20c.

For Chrysanthemum Plants, see page 108.



Centaurea Imperialis—Giant Flowering Sweet Sultan.

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 eight 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.; ¼-oz. 50c.

Golden Beauty—Very attractive golden-yellow combs. 9 inches. Pkt., 5c.

Finest Dwarf Mixed—A choice mixture of all sorts and colors. Pkt., 5c.; ¼-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—Deep golden yellow. Pkt. 5c.

Fire Plume—Intense 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 feet. Mixed colors. Pkt., 10c.; ¼-oz., 25c.

Collection, the 3 above new Ostrich Plume Celosias, 15c.

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-mold and sand.

Livingston's Prize Mixture—Contains only the richest and most beautiful colors. Compact and branching plants; blooms very large. (See illustration.) Pkt., 25c.

Large-Flowering Mixture—A very superior strain. Pkt., 15c.

Dwarf Varieties—A superb assortment; colors most brilliant. Pkt., 25c.

Cineraria Maritima (Dusty Miller)—Silvery white foliage, for edgings, ribbon beds, hanging baskets, etc. 1 foot. Perennial, but usually grown as annual. Pkt., 5c.; oz., 40c.



Cineraria—Livingston's Prize Mixture.



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 ft.

Fine Double Mixed—Contains the choicest sorts. Pkt., 5c.; oz., 20c.

Grandiflora—Handsome new varieties with very large and perfectly double blooms; fine for cut-flowers. 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 ft. Pkt. 5c; ½-oz., 15c.

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 arches, 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 114.

COLUMBINE, see Aquilegia, page 68.

COREOPSIS—See Calliopsis, page 69.

Cobæa 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 hot-bed 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.

CUPHEA (Cigar Plant)
A pretty pot plant with vermilion flowers; grows easily; blooms freely. Pkt., 5c.

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 sprouts 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.; ½-oz., 15c.

Ivy-Leaved Scarlet—The blooms are fiery-scarlet, and the leaves Ivy-like. Pkt., 5c.

CYPERUS (Umbrella Plant)

Will grow in a bowl, dish or vase partly filled with soil and water. Can be used in aquaria. Very easily raised from seed. Pkt., 10c.

Cyperus Plants—See Page 113.

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. (See illustration on page 69.) 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 choice collection. Pkt., 10c.

New Large-Leaved "Fringed" Coleus—The leaves are large, superbly variegated, deeply cut, lacinated, fringed. Colors and markings are new and striking. Pkt., 20c.

Coleus Plants, see page 101.

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—This 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.

New Butterfly, or Papilio—This is an elegant mixture of the new and true Belgian varieties, which have large and beautifully fringed flowers. Pkt., 50c.



Cyclamen—Livingston's Superb Mixture.

Mammoth Perfection
Cosmos.
Packet, 5 cents.

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 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.; ¼-oz., 10c.; oz., 30c.

✓ **Mammoth Perfection, Pure White**—A splendid large flower. Pkt., 5c.; ¼-oz., 15c.

✓ **Mammoth Perfection, Light Pink**—The blooms are truly superb. Pkt., 5c.; ¼-oz., 15c.

✓ **Mammoth Perfection, Crimson**—A rich and brilliant shade. Pkt., 5c.; ¼-oz., 15c.

✓ **Giant Titania**—New semi-double varieties of purest white. Plants 3½ feet high, flowers 2½ inches in diameter, fluffy and feathery. The daintiest Cosmos yet introduced. Pkt., 10c.

✓ New Gigantic Orchid-Flowered Cosmos, LADY LENOX

This Gigantic Cosmos is the forerunner of an entirely new race of Cosmos. It is of extraordinary size and beauty. Visitors to the floral exhibitions last autumn were enraptured with its size and magnificent color. Flower 4 to 5 inches in diameter. Color, a delightful shell-pink, lighting up beautifully at night. Form of flower—Oval petals of splendid substance, forming a perfectly circular flower which, when cut, lasts an unusual length of time in water. 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. Pkt., 15c.; 2 for 25c.; ½-oz., 50c.

EARLY SUMMER-FLOWERING COSMOS

✓ **Dwarf Early-Flowering "Dawn"**—Comes 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.; ¼-oz. 15c.; ½-oz. 25c.

✓ **Dwarf Early-Flowering Mixed**—Identical with above, but contains all the elegant colors known in Cosmos. Pkt., 5c.; ¼-oz., 15c.; ½-oz., 25c.



Remember,
any six 5-cent
packets for 25c.

✓ Coix Lachrymae

(Job's Tears)

Very ornamental plant with broad corn-like leaves and producing hard, shining, pearly seeds which are easily strung like beads. Much used for bead curtains, raffia work, etc. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 75c.

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 Red**—A glowing red-shaded rose, usually large and densely double. Pkt., 10c.

✓ **Giant Mixed Daisies**—This assortment includes the Giant Longfellow, Giant Snowball, and Giant Red, just described, 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.

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 on page 100.) Being of the easiest growth, and doing finely in partially shaded situations, they fill in many gaps most advantageously. 3 feet.

✓ **Gloxiniæflora**—A beautiful class with spotted flowers. We offer a mixture of the finest varieties. Pkt., 5c.; ¼-oz., 20c.

✓ **Grandiflora**—A variety that grows about two feet in height. A very fine yellow in color. Pkt., 5c.; ¼-oz., 20c.

✓ **Megastrosa** (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.; ¼-oz., 30c.

✓ **Purpurea, Finest Mixed**—This is the common Foxgloves so generally known. Contains many fine varieties. Pkt., 5c.; ¼-oz., 15c.

✓ **Purpurea, Pink**—This variety is much admired. Pkt., 5c.

✓ **Purpurea, White**—A favorite sort. Pkt., 5c.



Giant Double Daisy (Bellis).

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 especially rich and brilliant. In sections of the country where Cosmos do not mature their flowers before frost, Single Dahlias are especially useful. When not convenient to start them under glass, plant in the garden as soon as warm. Dahlias do their best in a well-enriched soil. 3 to 5 feet.

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 charmingly spotted and striped sorts. **Pkt., 15c.**



Double Dahlias. Packet, 10c.

SEEDS OF DOUBLE DAHLIAS

Large-Flowering Choicest Double Mixed—This elegant assortment of seed is saved from the most select and perfectly double varieties. (See illustration.) **Pkt., 10c.**

Fine Double Mixed—A very choice mixture of fine double, large flowering sorts. **Pkt., 5c.**

Pompon Varieties, Fine Mixed—These have small, round, perfectly double flowers; many brilliant colors. **Pkt., 5c.**

Double Tom Thumb, Superb Mixture—A splendid strain, growing about 18 inches high; very double; fine for beds. **Pkt., 10c.**

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 above, as well as many other fine sorts. It will make a most elegant bed of Dahlias for very small cost. **Pkt., 15c.**



Cactus Dahlia. Packet, 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.**

Lucifer—A superb almost black-leaved variety of dwarf habit; blooms mostly dark scarlet. **Pkt., 10c.**

Collerette, Choicest Mixed—A fine new type, having around its center disc a row of petals resembling a frilled collar, which are always of a different color from the broad outer petals. There are many striking combinations of colors. **Pkt., 15c.**

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.**

Single Tom Thumb, Superb Mixture—Contains many splendid colors; fine for bedding; grows about one foot high. **Pkt., 10c.**

Large-Flowering Single Mixed—Splendid assortment of single-flowering varieties. **Pkt., 5c.**

Datura (Trumpet Flower)

Very attractive, bushy plants of easy growth, that, during the whole season are covered with deliciously 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.; 1/4 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 two to five feet in length. The colors are very beautiful, ranging from pure white, through all the shades of lavender and blue to deep purple. **Mixed Colors, Pkt., 15c.**

Elatum (Giant Bee Larkspur)—Clear blue flowers; three feet. **Pkt., 5c.**

Elatum Hybridum—Finest mixed, very showy. **Pkt., 10c.**

Formosum—Elegant dark spikes of the richest dark-blue flowers, with a white center; especially fine for cutting. 4 feet. **Pkt., 5c.**

Formosum Coelestinum—Light sky-blue flowers, with darker centers; a very fine variety. 4 feet. **Pkt., 10c.**

Nudicaule—A very free-blooming sort; grows dwarf, about one foot in height. The pretty spikes are bright scarlet. **Pkt., 10c.**

Zalil—The splendid spikes of bloom are a lovely shade of sulphur-yellow. 4 feet. **Pkt., 10c.**

Grandiflorum Album (Chinese)—A most distinct, and elegant class; the fine spikes of large, pure white flowers, together with the feathery foliage, make most attractive plants. Height, 18 inches. **Pkt., 5c.**

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.**

Cardinale—Scarlet-orange; splendid; 2 feet. **Pkt., 20c.**

Cashmirianum—Very large, purplish-blue flowers; three feet. **Pkt., 25c.**

Annual Delphiniums—See Larkspurs, Page 77.



Bed of Delphinium (Hardy Larkspurs).

Dianthus or Pinks New and Choice Varieties

This elegant family contains many of the most valuable and popular flowers in cultivation. All the sorts classed as annuals may be sown directly in the garden, as soon as danger from frost is past, and will, in a short time, become a mass of bloom, and so remain all Summer. Elegant as cut-flowers for bouquets, as the stems are good. Grow about one 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 produce their 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, with red and rose zones and stripings. **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, both striped and fringed edges. **Pkt., 5c.; ¼-oz., 25c.**

✓ **Hedewigl** (Double Japan Pink)—Flowers very large; perfectly double; many elegant colors and shades, from delicate rose to richest crimson. **Pkt. 5c.; ¼-oz. 20c.**

✓ **Mourning Cloak** (White Frill)—A splendid variety with very double flowers of rich velvety-crimson, margined with pure white; most fragrant. **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.; ¼-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.; ¼-oz., 25c.**

✓ **Chinensis** (China or India Pink)—Our mixture includes all the best colors and shades. **Pkt., 5c.; ¼-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.; ¼-oz., 35c.**

SINGLE ANNUAL PINKS.

✓ **Single Royal Pinks**—Similar to Double Royal Pinks above only single. **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., 15c.**

✓ **Single Marvelous or Japanese Fringed Pinks** (laciniatus mirabilis)—Similar to Double Marvelous described above only single flowering. **Pkt., 10c.**

✓ **Crimson Belle**—Beautiful dark crimson; the bloom is of the most extraordinary size, finely fringed. **Pkt., 5c.; ¼-oz., 25c.**

✓ **Eastern Queen**—Exquisitely marbled and striped rich mauve upon pale pink; a very pretty variety. **Pkt., 5c.; ¼-oz., 25c.**

✓ **Hedewigl** (Single Japan Pink)—Flowers very large; our mixture contains the most brilliant colors. **Pkt., 5c.; ¼-oz., 25c.**

✓ **Laciniatus** (Single Fringed Pinks)—A very fine fringed variety; many rich colors. **Pkt., 5c.; ¼-oz., 25c.**

✓ **"Salmon Queen"**—Large, beautifully fringed flowers, of the most brilliant salmon color; very desirable. **Pkt., 5c.; ¼-oz., 30c.**

✓ **Livingston's Mixture of Single Pinks**—A fine mixture of all the single varieties. **Pkt., 5c.; ¼-oz., 35c.**

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 three 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 unrivalled. **Pkt., 10c.; 3 pkts., 25c.; oz., \$1.25.**



LIVINGSTON'S
DOUBLE
PINKS

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 spotted and splashed exquisitely. They emit a delightful, sweet-scented spicy odor; perfectly hardy, requiring only the ordinary culture of Pinks; increasing in floriferousness 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. (See illustration.) **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. Good range of colors, having a strong clove fragrance. **Pkt., 10c.**

✓ **Perpetual-Flowering Pinks** (Semperflorens)—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**—A magnificent mixture containing all the above choice single and double sorts. **Pkt., 10c.; 3 pkts., 25c.; ¼-oz., 50c.**

Plants of Hardy Pinks—See page 111.



Grass Pinks

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; these fine flowers are followed by dark-red seed pods. A splendid plant. Pkt., 5c.; ½-oz., 10c.

✓ **Finest Mixed**—A very choice mixture of all the best climbing varieties. Pkt., 5c.; ½-oz., 10c.; oz., 15c.; ¼-lb., 50c.

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 one 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.; ¼-oz., 15c.

✓ **Mandarin**—Orange within, scarlet without; very rich. Pkt., 5c.; ¼-oz., 15c.; oz., 50c.

✓ **Finest Double Mixed**—A splendid assortment of colors. Pkt., 5c.; ¼-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.

ECHVEVERIA

(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.

✓ **Echinocystis**—See Wild Cucumber, page 93.

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.

✓ **Heterophylla (Annual Poinsettia)**—Mexican Fire Plant, Painted Leaf—Glossy green leaves turn in mid-summer to beautiful orange-red. 2½ feet. Pkt., 10c.

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 or house-growing in ferneries. 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 button-like blooms are very useful in bouquets. Pkt., 10c.



Eschscholtzia (California Poppies). Pkt. 5c. and 10c.

Fuchsias (Lady's Eardrops)

These well-known plants will flower the first season from seed, if started early. As house plants for the Winter they are always general favorites. The seed we offer is saved from a very choice collection of both double and single-flowering varieties. Pkt., 15c.

✓ **Forget-Me-Not**—See Myosotis, page 79.

✓ **Four O'Clock**—Marvel of Peru, page 78.

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. (See illustration).

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 full all the season. Splendid for bouquets. Pkt., 5c.

PERENNIAL GAILLARDIAS

✓ **Grandiflora Hybrids**—One of our most elegant perennials; is in continuous bloom from June until frost. The enormous flowers are a magnificent combination of red and yellow. Splendid to cut for vases. Pkt., 5c.

✓ **Grandiflora Compacta**—A compact growing variety similar in bloom to the Grandiflora Hybrids, but only grows about fifteen 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 109.

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 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.

GILIA

A very pretty annual with showy flowers; grows about one foot in height, and blooms from early in the season until frost. Our mixture contains all varieties. Pkt., 5c.

GLADIOLUS

New and rare varieties are produced from seed. Our assortment contains an elegant variety of shades. Pkt., 10c.

✓ **Gladiolus Bulbs**—See Page 94.



Gaillardia Grandiflora. Packets, 5c. and 10c.



Mixed Ornamental Gourds.
Packets, 5c. and 10c.

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.; large pkt., 10c.; 1/2-oz., 20c.; oz., 35c.

Separate Varieties of Gourds—See page 27

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. 1 1/2 ft. Pkt., 5c.

GLOBE AMARANTHUS (Gomphrena)

Compact growing annuals, that reach a height of about 18 inches; bears clover-like flowers in many colors. Fine for "Everlastings" for Winter bouquets. Pkt., 5c.

GYPSPHILA 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. It is these sprays that are so much used as foliage in bunching Sweet Peas. When dried, it also makes fine "Everlasting" Winter bouquets. 1 1/2 feet. Pkt., 5c.

Heliotrope

Easily raised from seeds; Spring plantings giving fine Summer blooming plants. As a bouquet flower always a favorite; a good house plant. For earliest flowering, start in the house and transplant into the garden when the weather becomes warm.

Lemoine's Giant Hybrids—Grand flowers, double the size of the older sorts. Bushes compact, about 18 inches high; the heads



Heliotrope, Lemoine's Giant Hybrids.

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. When grown in pots they make beautiful house plants for winter. (See illustration.) 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 93. Pkt., 5c.

HYACINTH BEAN—See Dolichos, page 75.



Hollyhocks, Livingston's Prize.

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 soon 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 Lemon-Yellow, pkt. 10c.
Double Pure White, pkt. 10c.

Double Blush Pink, pkt. 10c.
Double Rose Pink, pkt. 10c.
Double Crimson, pkt. 10c.
Double Maroon, pkt. 10c.

Double Scarlet, pkt. 10c.
Double Lavender, pkt. 10c.
Double Salmon, 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.; 1/2-oz., 25c.

Fine Double Mixed—This is an especially good assortment of double-flowering sorts, containing many fine colors. Pkt., 5c.; 1/4-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.; 1/4-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 uninterrupted until very late in the season. Plants branch out freely and grow to a height of about 10 feet.

Annual White, pkt. 15c.
Annual Lavender, pkt. 15c.
Annual Scarlet, pkt. 15c.

Annual Magenta, pkt. 15c.
Annual Crimson, pkt. 15c.
Mixed Annual Hollyhocks, pkt. 15c.; 1/4-oz. 40c.

Annual Flesh Color, pkt. 15c.
Annual Rose, pkt. 15c.

SINGLE HOLLYHOCKS

Single-flowering Hollyhocks are very artistic. The plants being strong growers, very free and abundant bloomers. We have a very fine mixture of all colors. Pkt. 5c.; 1/4-oz. 15c.

Humulus (Japanese Hop)

A splendid annual climber (see illustration); 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.; ¼-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 enormous in size. 4 to 5 feet.

✓ **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 six to seven 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; for which purpose the flowers should be gathered before becoming fully open. 2 feet.

Mixed. Pkt., 5c.; ¼-oz., 20c.

✓ **HELILANTHUS**—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 rock-work, vases, or hanging baskets. Flowers white. Start the seed early 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; an abundance of them, and the plants are continuous bloomers. Tender perennial. 2 feet.

✓ **Sultani**—Brilliant rosy-scarlet. Pkt. 10c.
 ✓ **Holstii Hybrids**—Very handsome "Zanzibar Balsam" recently discovered in Africa. It forms bushes 1½ 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. Excellent house-plant. Colors, all shades of red, violet, pink and white. Mixed. Pkt., 15c.



Humulus (Japanese Hop). Packet, 5c.

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 until frosts.
 ✓ **Pure White**—Pkt., 10c. **Flesh Color**—Pkt. 10c.
 ✓ **Bright Rose**—Pkt., 10c. **White Striped**
 ✓ **Violet Blue**—Pkt., 10c. **Lilac**—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.; ¼-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.; ½-oz., 25c.

✓ **Double Dwarf Rocket**—A most choice mixture of varieties, that grow about one foot in height. Pkt., 5c.; ½-oz., 15c.

✓ **Double Tall Rocket**—This well-known mixture embraces the very choicest colors in the taller growing sorts. Pkt., 5c.; ½-oz., 15c.

✓ **PERENNIAL LARKSPURS, SEE DELPHINIUM, Page 73.**

✓ **Lathyrus**—See Hardy Sweet Pea, Page 92.

LAVENDER

Popular, sweet scented hardy perennial, fine for mixed border. 3 feet. Pkt. 5c.; ¼-oz. 15c.

✓ **Lemon Verbena**—See Page 92.

LANTANA

Popular, free-blooming and very rapid growing plants with large flower heads of various colors, which are continually changing their color; emit a powerful aromatic perfume; plants are completely loaded with blossoms, succeeded by berries, which, when ripe, turn deep blue. Fine Winter-blooming plants. Start seeds in the house or hot-bed. Our mixture contains a splendid variety of colors, especially many of the newer varieties. Tender perennial. 1½ feet. Pkt., 5c.; ½-oz., 20c.

LIATRIS SPICATA (Blazing Star)

Very desirable hardy perennials; the flowers are on long spikes; brilliant bluish-rose in color, and freely produced. 2 feet. Pkt., 5c.

✓ **IPOMOEA**—See Morning Glories and Moonflowers, page 79. Also Cypress Vine, page 71.

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 three feet high and two feet across, in one season. (See illustration). 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 make a superbly striking appearance. Pkt., 10c.; ¼-oz., 25c.

THE KUDZU VINE

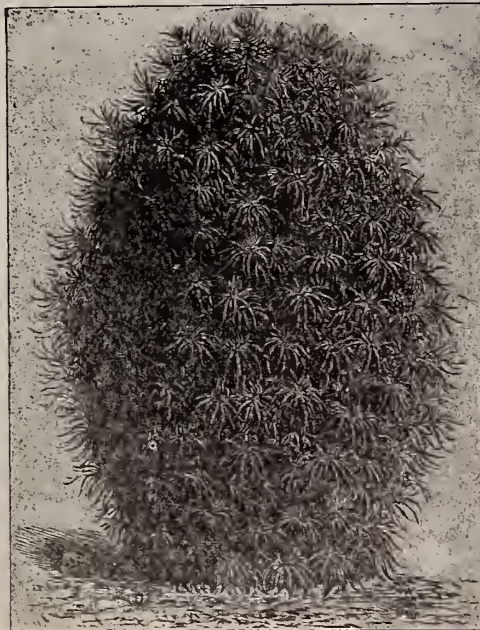
(Pueraria Thumbergiana)

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. In August it produces clusters of fragrant rose-colored flowers. Pkt. 10c.; 3 pkts. 25c.

Kudzu Vine Plants, see page 115.

KENILWORTH IVY (Linaria Cymbalaria)

A hardy perennial trailing plant, suitable for covering rock-work, and very useful for vases, etc. Adapted to shady locations. Easily grown from seed. Lovely little lavender and purple flowers and exquisite foliage. Pkt. 10c.



Kochia Tricophylla. Packet, 10c.

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 six 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. ½-oz., 50c.

✓ **Emperor William**—A brilliant, compact-growing light-blue; a very fine variety. Pkt., 5c.

✓ **White Gem**—A beautiful sort; very dwarf. Forms a perfect wall of snow-white blooms. Pkt., 10c.

✓ **Graclis**—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.

LYCHNIS

Few plants produce bright bloom continuously; a hardy perennial, but flowers the first season from seed sown early. 2 feet.

✓ **Chalcedonica (Rose Campion)**—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.

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.; ½-oz., 25c.

Mammoth Orange Prince—Enormous double blooms; of an intense orange; very striking. 3 feet. Pkt., 5c.; ½-oz., 25c.

Mammoth Tall Mixed—A splendid assortment of all the best shades in African Marigolds. 3 feet. Pkt., 5c.; ½-oz., 20c.; oz., 35c.

Mammoth Dwarf Mixed—The flowers are enormous in size, but the plants grow dwarfer. 1½ feet. Pkt., 5c.; ½-oz., 20c.; oz., 35c.

FRENCH MARIGOLDS

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 ft. Pkt., 5c.; ¼-oz., 20c.

Electric Light—An especially fine double-flowering sort. The sulphur-yellow flowers are striped and spotted with brown. 1 foot. Pkt., 5c.

Tall Double Mixed—A splendid assortment of all the best colors in striking combinations. 2½ ft. Pkt., 5c.; ½-oz., 15c.; oz., 25c.

Dwarf Double Mixed—A similar mixture to the above in colors, but the plants grow much dwarfer. 1 foot. Pkt., 5c.; ½-oz., 15c.; oz., 25c.

Marvel of Peru

(Four O'Clocks) (Mirabilis)

This old-fashioned favorite is one of our easiest grown annuals. The plants are bushy, about two feet high, and completely covered all Summer with large, showy, very fragrant blooms.

Variegated—The brilliant flowers, in many colors, contrast finely with the golden-hued foliage. Pkt., 5c.; oz., 15c.

Tom Thumb, Mixed—Very dwarf, bushy plants; the yellow, red, blotched, and striped blooms with the golden variegated foliage are most attractive. Pkt., 5c.; oz., 15c.

Finest Mixed—An elegant assortment of these old-fashioned favorites. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.

MARGUERITES, or Paris Daisies—See Chrysanthemums, page 70.

Mignonette (Reseda)

Without Mignonette in our gardens, something indeed would be missing. For house culture in pots also, it is one of our most popular annuals. (See illustration.) 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 Mignonette

This is the ideal mignonette for garden or pot culture. Of strong, stocky growth, luxuriant rich green foliage. Branching habit; dense upright spikes of flowers averaging 8 inches in length and 2½ inches in diameter. Surpasses all others in brilliancy of color. Strong delightful fragrance. Pkt., 10c.; ¼-oz., 50c.

Machet—A very fine variety, especially for growing in pots; has large, fragrant spikes of reddish bloom. Pkt., 10c.; ¼-oz., 20c.; ½-oz., 35c.

Golden Machet—A distinct variety of the above, having golden-yellow flower spikes. Very sweet and elegant. Pkt., 10c.; ¼-oz., 20c.

Defiance—Has immense spikes of bloom. Keeps a long time after being cut, and is very fragrant. Pkt., 5c.; ¼-oz., 15c.

Parson's White—A robust grower, bearing large spikes of bloom; pure-white, and very fragrant. Pkt., 5c.; ¼-oz., 10c.

Victoria Red—An elegant sort; fine flower-spikes of the most brilliant dark-red; very sweet. Pkt., 5c.; ¼-oz., 20c.; ½-oz., 35c.

Miles' Spiral—A most desirable sort; its habit is branching, with very long and fragrant flower spikes. Pkt., 5c.; ¼-oz., 10c.

Golden Queen—A very compact-growing sort; flower spikes golden yellow. Fragrant and fine. Pkt., 5c.; ¼-oz., 15c.

Sweet Mignonette (Reseda Odorata)—The old-fashioned, deliciously sweet-scented variety. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.

Finest Mixed Varieties—An elegant mixture of above fine varieties, and many other choice sorts. Pkt., 5c.; ½-oz., 15c.; oz., 25c.

MESEMBRYANTHEMUM—See Ice Plant, page 77.



Mignonette, Red Goliath.



Livingston's Superb African Marigolds.

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—four to six 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.; ½-oz., 20c.; oz., 30c.; 4 ozs., \$1.00.**

Finest Mixed Japanese—A very choice strain; flowers large, and in greatest variety of colors and shades. **Pkt., 5c.; ½-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.**

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.; ¼-lb. 25c.; 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. Covers any support quickly, and is always in bloom. **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. Splendid for beds, borders and hanging baskets. Hardy annual. 1 foot.

Mauritanicus—A beautiful trailing plant for hanging baskets and vases. The flowers are bright blue. **Pkt., 5c.**

Choice Mixed—A very large assortment of these richly-colored favorites. **Pkt., 5c.; oz., 15c.**

**DON'T FORGET YOUR
FREE PREMIUM SEEDS.
SEE PAGE 2.**



GIANT JAPANESE MORNING GLORIES

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, as the 'branching' vines have large leaves and grow luxuriantly and densely (see illustration).

Northern Light—The earliest blooming of all the Moonflowers. Its lovely pink flowers are produced by the thousands, all the Summer and Fall. It has very large and dense foliage. A great drought resister and rampant grower from the start. **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, five to six inches in diameter, with a five-pointed star in the center. In rich ground and a sunny situation the vines attain a height of twenty-five feet. It is well to start seeds in the house, and transplant out of doors as soon as the weather is warm and fully settled. **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 Rubro-Coerulea (Heavenly Blue)**—The popular climber; has immense blooms of bright sky-blue. Very fine sort. **Pkt., 10c.**

MAUEANDYA

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 Ivy. If desired for the house, take up before frost. A half-hardy perennial, flowering the first season if sown early. Our mixture contains all the choicest sorts. **Pkt., 10c.**

✓ **MOMORDICA**—See Balsam Apple and Pear, page 68.



Myosotis Palustris. Packet, 10c.



MOONFLOWER

Myosotis (Forget-Me-Not)

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. Hardy perennial.

✓ **Palustris (True Forget-Me-Not)**—Beautiful blue. 6 inches. **Pkt., 10c.; ½-oz., 30c.**

✓ **Alpestris**—Bright blue. **Pkt., 5c.**

✓ **Alpestris Alba**—Pure white, 6 inches high. **Pkt., 5c.**

✓ **Victoria**—Sky-blue, dwarf globose habit, very large flowers. The best for forcing in pots. **Pkt., 10c.**

✓ **Robusta**—Large sky-blue flowers; very fine. **Pkt., 5c.**

✓ **Semperflorens**—Fine dwarf Forget-Me-Not; thrives 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 varieties. **Pkt., 5c.**

MIMULUS (Monkey Flowers)

Very showy and free-flowering 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 ten to twelve feet the first Summer. Leaves magnificently long, broad, massive, and of a beautiful bright-green. Seeds very large. **Pkt., (5 seeds) 10c.**

Livingston's NEW TALL Giant Flowering Nasturtiums

Livingston's Perfection Collection
of New Giant Flowering Nasturtiums

Livingston's Top-Notch Mixture
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 Wonderfully Beautiful Kinds, postpaid **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 over-lapping crinkled petals of a rich golden-yellow. Strong, vigorous grower; large bright green leaves. A grand and distinct variety. **Pkt., 10c.; 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., 10c.; 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. 10c; 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., 10c.; 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 wonderful rich coloring. **Pkt., 10c.; 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., 10c.; oz., 20c.**

Giant Brilliant Scarlet—A glowing, flaming scarlet, intense and vivid; the largest of its color; of splendid substance and beautiful form. **Pkt., 10c.; oz., 20c.**

We strongly recommend everyone who desire truly Giant-Flowered Nasturtiums to try our Perfection Collection.



Livingston's New 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 Top Notch Mixture is even grander and better for 1909 than ever before. We are constantly improving and adding new varieties to this unequalled mixture.

It contains all the New Giant Flowering kinds in our **Perfection Collection** described on this page, together with many other grand new hybrids. A mixture positively without rival. **The most satisfactory of all flowers grown.** Of thrifty, luxuriant growth, and the easiest possible culture and the most advanced large-flowering type. Succeeds everywhere and under all conditions; requires practically no care. Will thrive under neglect and even actual abuse; but plant the seeds and they will lavish upon you from early Summer until killed by frost, magnificent flowers of giant size. A wonderful diversity of rich colors and new and striking combinations are found in this unequalled mixture. A row in full bloom is truly gorgeous beyond description, containing 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 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; 1/4-lb., 40c.; lb., \$1.25.

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 **SEVEN LARGE PACKETS. FIVE COLLECTIONS FOR \$1.00.** With each Collection we send careful cultural directions.

Magnificent New Nasturtiums

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 Nasturtium. Every one 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. Sold only in sealed packets at 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., each; 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. Quantity of seed is very limited. 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.; ¼-oz., 25c.

New Dwarf Marble-Leaved Nasturtiums

"Tom Thumb Queens."

These new, very showy and distinct dwarf Nasturtiums are of compact bush form, 9 inches in height and of about the same in 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. Seed of all these varieties is scarce.

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. Charming 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., 35c.

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 brilliant effect. The plants are strong and vigorous, growing very quickly and producing erect, symmetrical bushes, about 1 foot high and one 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., 20c.; ¼-lb., 60c.

NEW FRINGED NASTURTIUM

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 and 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.; ½-oz., 20c.; oz., 30c.

Mr. H. A. CLEVELAND, Madison, Madison Co., N. Y., writes us Sept. 28, 1908, as follows: "When I sent you an order for seeds last spring, I was very fortunate once in my life, at least, in ordering the 7 packets of the Perfection Collection of Nasturtiums. I planted them in front of our east porch in a row about 30 feet long. They have grown full 15 feet high and covered it so completely that there is no open space visible, and such a mass of beautiful blossoms has never been seen on any other Nasturtiums that I ever raised before. The picture in your seed catalogue cannot be compared in beauty to some of the blossoms on these vines.

This collection of Climbing Nasturtiums will stand all the praise you can give them, and for beauty and size of the flowers, none that I ever grew or saw could hold a comparison to these.

One lady writes: "They are the most exquisite things, and mark a new era for Nasturtiums." I never even dreamed of their possibilities before."

Livingston's
Glory of the Garden
Nasturtiums.



Remember we give six 5-cent or three 10-cent 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 2.

Livingston's Splendid Nasturtiums

Choice Named Varieties and Popular Priced Mixtures

TALL, OR CLIMBING NASTURTIIUMS (*Tropaeolum majus*)

These beautiful and luxuriant climbers have no equal for covering quickly with the most brilliant flowers, trellises, arhors, stumps, fences, or rustic work; of the easiest culture, bearing their gorgeous blooms in elegant profusion until killed by the frost. The 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 in color. Pkt., 5c.; oz., 10c.
- ✓ **Edward Otto**—Brownish-lilac and bronze tints. Pkt., 5c.; oz., 10c.
- ✓ **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; makes a fine contrast. Pkt., 5c.; oz., 10c.
- ✓ **Regelianum**—A deep, purplish violet. Pkt., 5c.; oz., 10c.
- ✓ **Rose**—A bright soft rose; attractive anywhere. Pkt., 5c.; oz., 15c.
- ✓ **Scarlet**—Bright scarlet; good foliage. Pkt., 5c.; oz., 10c.
- ✓ **Schillingl**—Bright yellow, spotted with brown. Pkt., 5c.; oz., 10c.
- ✓ **Vesuvius**—A pretty sort; in color a rich, deep apricot; a most striking shade. Its 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.; ¼-lb., 20c.; lb., 70c.

Livingston's Top Notch Mixture—See Page 80.

LOBB'S CLIMBING NASTURTIIUMS (*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. They climb 12 to 15 feet.

- ✓ **Asa Gray**—A most beautiful yellowish-white. Pkt., 5c.; oz., 15c.
- ✓ **Brilliant**—Glowing dark scarlet; dark foliage. Pkt., 5c.; oz., 15c.
- ✓ **Marguerite**—Light yellow; blood-red spots. Pkt., 5c.; oz., 20c.
- ✓ **Primrose**—A fine cream-color with brown spots. Pkt., 5c.; oz., 20c.
- ✓ **King of the Blacks**—A dark garnet-red. Pkt., 5c.; oz., 15c.
- ✓ **Spiffire**—Brilliant bright scarlet; free-bloomer. Pkt., 5c.; oz., 15c.
- ✓ **Lobb's Finest Mixed**—This elegant assortment of Lobb's Climbing Nasturtiums is composed of the most brilliant and dazzling colors in this class. Pkt., 5c.; oz., 10c.; ¼-lb., 30c.; lb., \$1.00.

MADAME GUNTHER HYBRID CLIMBING NASTURTIIUMS

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.; ¼-lb., 50c.

DWARF, OR TOM THUMB NASTURTIIUMS (*Tropaeolum nanum*)

The Dwarf, or Tom Thumb Nasturtiums, growing, as they do, about one 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 weather and conditions, and always make the most glorious displays of rich and brilliant flowers.

- ✓ **Aurora**—Blossoms a most brilliant chrome-yellow, the two lower petals veined and blotched with carmine. Pkt., 5c.; oz., 10c.
- ✓ **Beauty**—Glowing orange, suffused with scarlet. Pkt., 5c.; oz., 10c.
- ✓ **Dwarf Chameleon**—Of brilliant shades and diversified markings; some self-colored, others splashed and mottled. Pkt., 5c.; oz., 20c.
- ✓ **Crystal Palace Gem**—Sulphur-yellow, spotted with carmine. Pkt., 5c.; oz., 10c.
- ✓ **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.
- ✓ **Lady Bird**—A very handsome golden-yellow; barred on each petal with a broad vein of ruby-crimson. Pkt., 5c.; oz., 20c.
- ✓ **Dwarf Pearl**—Creamy-white; very desirable. Pkt., 5c.; oz., 10c.
- ✓ **Prince Henry**—Straw-yellow, heavily spotted and tipped with scarlet; one of the most distinct and charming sorts. Pkt., 5c.; oz., 10c.
- ✓ **Ruby King**—Brilliant ruby-red, with salmon tints. Pkt., 5c.; oz., 15c.

Livingston's Splendid Mixture of the 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.; ¼-lb., 50c.; lb., \$1.50.

Mixed Dwarf Nasturtiums—We handle such large quantities of Dwarf Nasturtiums that we are able to offer this especially choice mixture at a very low price. You should plant this mixture very liberally. Pkt., 5c.; oz., 10c.; ¼-lb., 25c.; lb., 80c.

New Glory of the Garden—Dwarf Nasturtiums, see page 81.

DWARF LILLIPUT NASTURTIIUMS

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 NASTURTIIUMS
(See Page 80.)

Nicotiana (Sweet-Scented Tobacco Plant)

Handsome and well-known hardy annuals that grow easily from seed, forming compact bushes about three 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.

✓ **Sanderae**—This beautiful hybrid *Nicotiana* forms bushy, much branched plants two 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)

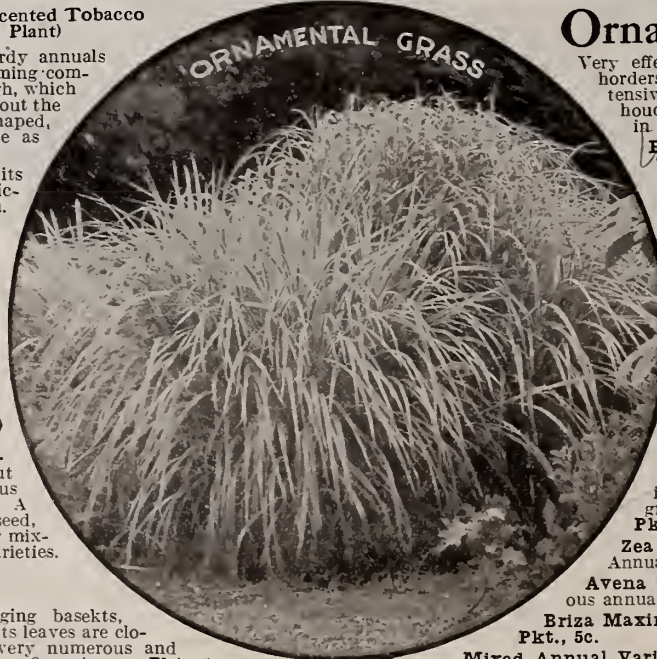
A popular, old-fashioned flower; free flowering, with finely-cut foliage surrounding the curious looking flowers and seed pods. A most easily grown annual from seed, doing well in any situation. Our mixture contains all the desirable varieties. Pkt., 5c.; ½-oz., 10c.

OXALIS

Pretty little annuals for hanging basnets, 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.

Mr. H. S. ATWELL, Alliance, Ohio, writes: "I have never yet been disappointed in the quality of seeds or plants bought of your firm, and it is at least 15 years since I made my first purchase of you."

Don't Forget to ask for Your Free Premium Seeds. See page 2



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; have coriaceous leaves, and hard, glossy, gray-colored seeds, which naturally have a hole through them like heads. Children take delight playing with and stringing them; they are also much used in screen (head portieres) and basket-making, together with the colored *Raffia* grasses. 2 feet. Pkt., 5c.; oz., 10c.; 2 ozs. (enough for a chain) 15c.; ¼-lb., 25c.; lb., 75c.

✓ **Purple Fountain Grass**—(Pennisetum)—Beautiful and graceful; is unequalled as an edging to tall-growing plants. Annual. 3 feet. Pkt., 5c.

✓ **Zea Quadricolor** (Japanese Maize)—Annual. 3 feet. Pkt., 5c.

✓ **Avena Sterilis** (Animated Oats)—A curious annual. 2½ feet. Pkt., 5c.

✓ **Briza Maxima** (Quaking Grass) Annual. 1 ft. Pkt., 5c.

Mixed Annual Varieties of Ornamental Grasses. Pkt. 5c.

Ornamental Grass Plants—See *Eulalia*, page 109.

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.



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 results 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

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 variations and striking combinations.

We are very proud of this strain of pansies. An unequalled 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 pkt. for 25c.; 1/2-oz. 40c.; oz., \$2.50.

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 and rich tints. 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.

Bugnot's Superb Blotched—The flowers of this splendid strain are of the largest size, and produces the handsomest and richest blotched varieties known in Pansies. We can recommend this mixture very 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.

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.

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.

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 Adonis**—Bright blue with white center. 10c.
- " **Atropurpurea (Rex)**—Velvety royal-purple. 10c.
- " **Emperor Fr. Joseph**—White with 3 violet blotches. 10c.
- " **Emperor William**—Indigo-blue, blotched black. 10c.
- " **Fire King**—Crimson-purple and golden-yellow. 10c.
- " **Golden Queen**—Pure golden-yellow. Very fine. 10c.
- " **King of the Blacks**—Lustrous jet-black. 10c.
- " **Lord Beaconsfield**—Lavender, heliotrope and purple. 10c.
- " **Peacock (Gloriosa)**—Garnet, cream and blue. 10c.
- " **President Carnot**—White with large violet blotches. 10c.
- " **Prince Bismarck**—Golden-bronze. 10c.
- " **Snow Flake**—Spotless, snow-white. 10c.
- " **Striped**—White, blue, violet and chocolate. 10c.
- " **Victoria**—Ox-blood red. 10c.
- " **Yellow**—Golden-yellow, three maroon blotches. 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 pkts., 25c.

- ✓ **Azure Blue** **Dark Purple** **Purplish Violet**
 - Black** **Dark Red** **Pure Yellow**
 - Bright Brown** **Light Blue** **Violet, with White Margin**
 - Brilliant Red** **Mahogany Colored** **White, with Black Center**
 - Brown-Red** **Pure White** **Yellow, with Black Center**
- Collection one each of the above 15 Bedding Pansies, 50c.

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.; 1/4-oz., 30c.; oz., \$1.00.

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 hot-bed, and transplanted eight inches apart. By the latter process the plants will come into bloom much earlier. In sowing, care must be taken not to cover the small seeds too deeply. It is well known that seeds of the double varieties do not all produce double flowers. Save the weaker seedlings, as they usually give the finest double flowers. Height 1 to 1½ 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 giant-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, veining and markings. Flowers of great substance, and 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 show, 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 and shades. Pkt. 5c.; ½-oz., 20c.; ¼-oz., 35c.

Finest Mixed Bedding Petunias—A very rich mixture; composed of a great variety of brilliant and showy colors. Pkt., 10c.; ½-oz., 35c.; ¼-oz., 60c.

Fine Mixed—A choice mixture of colors and shades; will make a fine display in your garden. Pkt., 5c.; ½-oz., 20c.; ¼-oz., 35c.



Livingston's Superb Single Petunias. Packet, 15c

Livingston's Annual Phloxes

For splendid mass of colors and a constant display, the Phlox Drummondii is not excelled by any other Annual. (See illustration.) It has every desirable quality for this purpose; and for beds, edgings, and massing, nothing can surpass it. The colors range from purest white to deepest blood-purple or crimson. Seed may be sown in the open ground any time after danger from frost is past, or in the hot-bed earlier, and transplanted; in either case they make a most brilliant bed of showy, yet delicate, flowers the whole Summer. Set the plants one foot apart. Height, 1 to 1½ feet.

Phlox Drummondii—The old-fashioned favorite variety. Our mixture contains all colors. Pkt., 5c.; ¼-oz., 15c.; oz., 50c.

LARGE-FLOWERING PHLOXES

This is a magnificent class of these splendid Annuals. The flowers are as large and brilliant in colors as the Perennial Phloxes.

Bright Rose—A most pleasing color; profuse bloomer. Pkt., 5c.; ¼-oz., 30c.; oz., \$1.00.

Brilliant Scarlet—Especially showy in large beds or borders. Pkt. 5c.; ¼-oz. 30c; oz. \$1.00.

Crimson—A popular sort; very brilliant and effective. Pkt., 5c.; ¼-oz., 30c.; oz., \$1.00.

Deep Blood Red—Pkt. 5c.; ¼-oz. 30c; oz. \$1.00.

Pure White—Pkt., 5c.; ¼-oz., 30c.; oz., \$1.00.

Yellow—Distinct. Pkt. 5c.; ¼-oz. 30c.; oz. \$1.00.

Livingston's Special Mixture—A magnificent mixture of all the richest colors and shades in the large-flowering varieties. Will make a rich display; you should plant it liberally. Pkt., 5c.; ¼-oz., 25c.; ½-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; there is nothing finer for bouquets. Pkt., 5c.; ½-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 great snowball. Pkt., 10c.

Fireball—Strikingly brilliant red; very fine. Pkt., 10c.

Dwarf Mixed Phloxes—An elegant mixture of all the best varieties. Pkt., 10c.; ½-oz., 25c.



Perennial Phlox
Plants, see page 111.

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; the best double sort. Pkt., 10c.

Double Pure White—Profuse bloomer; fine for cutting. Pkt. 10c.

Double Yellow—A very effective variety, abundant bloomer and strong grower. Pkt., 10c.

Double Mixed—A choice mixture of all the best colors. Pkt. 10c.

Livingston's Exquisite Poppies

The recent development of these old-fashioned flowers has brought them into great and deserved popularity. No flower in our gardens afford a more pleasing display of gorgeously brilliant coloring during the blooming season. Poppies of the various varieties grow about two feet in height, except as noted.

DOUBLE ANNUAL POPPIES

- ✓ **Peony Flowered**—Large, showy, double globular flowers; almost equal to Penoies. 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., 10c.**
- ✓ **Fairy Blush**—Immense flowers, perfectly double, five inches across; elegantly fringed; pure white, with rose-tipped petals. **Pkt., 5c.**
- ✓ **Golden Gate**—An elegant mixture of Double, and Semi-Double varieties, with endless colors, shadings, blotches, stripes, and other beautiful markings. **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.; ¼-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 two to three feet high, producing immense flowers sometimes four 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 deepest blood-red; through all shades and combinations of pink, rose, crimson, and carmine. No two flowers are alike. **Pkt. 5c.; ¼-oz. 20c.; oz. 60c.**



GIANT DOUBLE POPPIES



- ✓ **Dwarf Shirley**—Identical with Livingston's Giant Shirley Poppies, except they grow dwarf—not exceeding eighteen inches in height. Splendid for beds and borders. **Pkt., 5c.; ¼-oz., 20c.**
- ✓ **Mephisto**—An elegant single sort; scarlet and black. **Pkt., 5c.**
- ✓ **Miss Sherwood**—An exquisite, single variety. Color, delicate satiny-white, shading to chamois-rose. Always in bloom. **Pkt., 5c.; ¼-oz., 10c.**
- ✓ **Danebrog (Danish Cross)**—A very showy single variety; brilliant scarlet, so blotched with silvery-white as to form a white cross. **Pkt., 5c.**
- ✓ **The Bride**—A beautiful single, pure-white variety; flowers not only perfectly formed, but very large. **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.; ¼-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. These two colors form an extremely telling contrast. **Pkt., 10c.**
- ✓ **Livingston's Poppy Mixture**—Recall to mind every color you have ever seen in Poppies, then imagine every conceivable combination of colors—and you will have an idea of this elegant mixture. It contains a little of everything that is elegant in Annual Poppies. **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. They are very easily grown from seed.
- ✓ **Iceland Poppies (Papaver nudicaule)**—These Poppies are perfectly hardy and in bloom from June until frost; beautifully crushed, satin-like flowers, of every conceivable shade of yellow, white, and orange-scarlet. The plants grow about twelve inches in height, forming tufts, from which the flower stems issue most profusely. For cut-flowers they are very useful. Easy to grow, and in full bloom the whole season. Our mixture of single-flowering varieties contains all the best colors and shades. **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., 15c.; 2 pkts. for 25c.**
 - ✓ **Oriental (The Large Oriental Poppy)**—Perhaps the most popular variety in cultivation, the sturdy plants growing about three feet in height. Its color, a dazzling scarlet with coal-black blotches, is grand. The great flaming flowers have a sheen and texture of scarlet satin. For gorgeous effect there is nothing that 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.**
 - ✓ **Trilby**—This is one of the most beautiful varieties of the Oriental type. The blooms are of the largest size, and they are produced in great abundance. The color is a charming shade of salmon-pink. **Pkt., 15c.**

PERENNIAL POPPY PLANTS, See page 112.



GIANT SHIRLEY POPPIES

Large Flowering Primulas (Primroses)

One of our most beautiful and indispensable plants for Winter and Spring blooming in the house or conservatory. The ease with which Primroses can be grown from seed makes them a very popular window-plant. 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 ft.

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. It contains a great number of rich and elegant varieties. 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. A mixture of all the most desirable shades. Pkt., 10c.

Japonica (Japanese Primrose)—Very bright and showy flowers, borne in whorls on stems six to nine inches long. Hardy with slight protection. Our mixture contains the choicest colors. Pkt., 10c.

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.; $\frac{1}{4}$ -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 the best double varieties. Pkt., 10c.; $\frac{1}{2}$ -oz., 75c.

PLATACODON GRANDIFLORA (Chinese Bell Flower)

A splendid perennial, producing large bell-shaped white and blue flowers, very showy; easily raised from seed. Pkt. 5c.; $\frac{1}{4}$ -oz. 25c.

Pyrethrum (Feverfew)

Most attractive hardy Perennials, which have become very popular. Valuable border plants with many stems about two feet high, each surmounted with handsome flowers, in the brightest shades of rose, flesh-pink, crimson, etc.; in bloom a long time, and are splendid as cut-flowers. (See, also, *Feverfew*.)

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)—A 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.; $\frac{1}{4}$ -oz., 20c.

PUERARIA THUMBERGIANA—See Kudzu Vine, Page 77.

Phaseolus Multiflorus

“PAPILIO”

(New Butterfly Runner Bean)

A splendid climbing plant for arbors and trellises. They serve a double purpose, yielding a useful dish for the kitchen and brightening the garden by their gaily hued flowers until far into the Autumn.

This is equal to the old Scarlet Runner sort as regards productiveness and quality of fruit, but is quite distinct and far surpasses it 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. (See illustration.) Pkt., 10c.; 3 pkts. for 25c.

RHODANTHE

One of the best everlasting flowers, and a charming Annual. For Winter bouquets the flowers should be cut before fully expanded, and dried in the shade. Our mixture contains all the desirable colors. 1 ft. Pkt., 5c.

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.



Primula Obconica Grandiflora. Packet, 10c.

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. Easily grown from seed.

Zanzibariensis—A new and distinct class, surpassing in size and beauty all varieties hitherto known. Plants attain great dimensions—twelve to fourteen feet in height—presenting a splendid aspect with their gigantic leaves. Our mixture contains light and dark green leaves and some coppery-bronze colored, which change to dark green with reddish ribs. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.

Borboniensis—Very large, and most showy green foliage; always 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, so that striking effects are produced. 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.

Philippinensis—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 the above desirable sorts, and many others. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ -lb., 25c.

Roses

Bloom the First Year From Seed.

BABY ROSES, also called **Dwarf Mid-get**, 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 one foot in height, 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. for 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.



New Butterfly Runner Bean. Packet, 10c.

Salvia (Flowering Sage)

Very ornamental plants, for Summer and Autumn flowering; bloom in spikes, and continuing to bloom in the open ground until hard frosts; forming compact bushes, which are literally ablaze with brilliant flowers. While tender perennials, they bloom like annuals, the first season from seed. The plants may be started in a box in the house, or in the hot-bed, and when the weather becomes warm, transplant in the garden. Height, two to three 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 ten to twelve inches in length. Continues to flower profusely all Summer and Fall. Easy of growth. The most popular Salvia in cultivation. **Pkt., 10c.; 1/8-oz., 25c.**

Bonfire—Plants form healthy bushes about two feet high by two feet across. Spikes grow erect and stand clear above the foliage, completely covering the plant, and are of a most brilliant, dazzling scarlet. One of the finest sorts. **Pkt. 10c.; 1/8-oz. 50c.**

Silverspot—Strikingly handsome spotted foliage. Leaves rich, soft dark green, with light yellowish spots of various sizes 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, three 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.**

Patens—Beautiful bright blue flowers. **Pkt., 10c.**

SPECIAL OFFER—One packet each of "Red, White, and Blue" Salvias for 20c.
SALVIA PLANTS, see Page 103.



Salvia

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, and during nights. Easily grown. A plant or two reserved for the house will be found interesting during the Winter. **1 1/2 feet. Pkt., 5c.**



SMILAX

A charming tender perennial climber for house or for greenhouse culture. **Pkt. 5c.**

SCARLET RUNNER BEAN
Ornamental climber. Bright scarlet sprays of bloom followed by delicious edible beans. **Pkt., 5c.; 1/2-pint, 15c.**

Stocks (Gilliflower)

Indispensable for bedding, borders, massing, or pot culture.

LARGE-FLOWERING DOUBLE

"TEN-WEEKS" STOCKS

"Come and Cut Again" Varieties

Brilliant Rose—A beautiful

and brilliant color. **Pkt. 10c.**

Canary-Yellow—This shade

in Stocks is one of the best.

Pkt., 10c.

Crimson—Rich. **Pkt. 10c.**

Light Blue—Blooms very

large. **Pkt., 10c.**

Snow-White—Blooms are

snow-white. **Pkt., 10c.**

Violet—Very handsome dark

shade; profuse bloomer. **Pkt. 10c.**

Finest Mixed—This is our very

best mixture of large-flowering

Stocks. The perfectly double flowers

embrace every color and shade of

these splendid Annuals. **Pkt., 10c.**

Giant Perfection Stocks—This elegant

class of Stocks have long spikes of

beautiful, large, double flowers. **Pkt. 10c.**

Fine Mixed Stocks—This is a very

choice mixture of innumerable colors and

shades. **Pkt., 5c.**

SNAPDRAGON—See *Antirrhinum*.

Sunflower (Helianthus)

A well-known family of bardy, 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. 4 feet. **Pkt., 5c.; 1/4-oz., 20c.**

Globe of Gold—Globe-shape, 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. 7 feet. **Pkt., 5c.; oz., 10c.**

Livingston's Mixed Sunflowers—A great variety of single and double sorts. Every possible shade of yellow is included. **Pkt., 5c.; 1/2-oz., 10c.; oz., 15c.**

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 at any time in the Spring after danger from frost is past. The plants grow about 2 1/2 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.

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, about 11

separate colors, 50c.

HARDY SCABIOSA

Caucasica—Grand bardy perennial 3 feet high; large lilac blue flowers; splendid for cut flowers. **Pkt., 10c.**

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 petals or the purest, glistening whiteness, borne on single stems from twelve to eighteen inches in length.

Selected Seed—Much superior to the original strain. **Pkt., 15c.**

Shasta Daisy plants, each, 10c.; see page 112.

Stokesia Cyanea (Cornflower)

Aster

Valuable hardy perennial bedding plant. Plants large, 18 to 24 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 but should have a little protection during Winter. **Pkt., 10c.**

Stokesia Cyanea Plants, see page 112.



LARGE FLOWERING SCABIOSA

Livingston's Orchid-Flowered Collection of New Giant Sweet Peas

7 Superb Sorts, 25 cents, postpaid

LITHOGRAPHED IN NATURAL COLORS ON OPPOSITE PAGE.

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 to 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. They have achieved a triumph and a number of wonderful new colors have been offered, the best of which we have included in our Orchid-Flowered Collection.

These new Sweet Peas are distinguished for their gigantic size, usually measuring 2 inches across; the bold, erect standard which 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. So superior is this new type in every respect that we believe it is certain to supersede the old grandiflora kinds just as fast as new colors appear and become fixed.

The following seven sorts comprise Livingston's Orchid-Flowered Collection of New Giant Sweet Peas. It is, we confidently believe, the best collection of its size that it is possible to offer; sure to prove a delight to all who plant it.

COUNTESS SPENCER

(See lithograph opposite.) 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.; ¼-lb., 50c.**

HELEN LEWIS—(See lithograph opposite.) 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 two inches across. Very brilliant. **Pkt., 10c.; oz., 20c.; ¼-lb., 50c.**

DOROTHY ECKFORD—(See lithograph opposite.) 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. It is very floriferous. The white is purity itself, with no tendency to tinge or go pink. **Pkt., 5c.; oz., 10c.**

QUEEN ALEXANDRIA (see lithograph opposite.) An intense scarlet self 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 is brilliantly vivid from the time it opens. **Pkt. 10c.; oz. 20c.; ¼-lb. 40c.**

HELEN PIERCE—(See lithograph opposite.) 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.**

ROMOLO PIAZZANI (see lithograph opposite.) A grand new blue Sweet Pea. The color is almost a true violet-blue self; the standard is only slightly hooded; flower 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 (see lithograph opposite.) 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. We have included in our 1909 mixture all of the Orchid-flowered Sweet Peas, illustrated on the opposite page. That it is an absolutely unequalled mixture is attested by the hundreds of flattering letters we have received praising the remarkable size and beauty of these Sweet Peas. 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 proportion 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.; ¼-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.; ¼-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 an extremely dainty and striking effect. **Pkt., 10c.; oz., 15c.; ¼-lb., 35c.; 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.; ¼-lb., 15c.; lb., 45c.; by express, not prepaid, lb., 35c.; 3 lbs., \$1.00.**



From
Livingston's
"Special
Mixture"
Sweet Peas,



New Sweet Pea, Nora Unwin (see page 80).

LIVINGSTON'S "ORCHID FLOWERED" COLLECTION OF NEW
GIANT SWEET PEAS. Seven Superb Sorts 25¢ Postpaid.

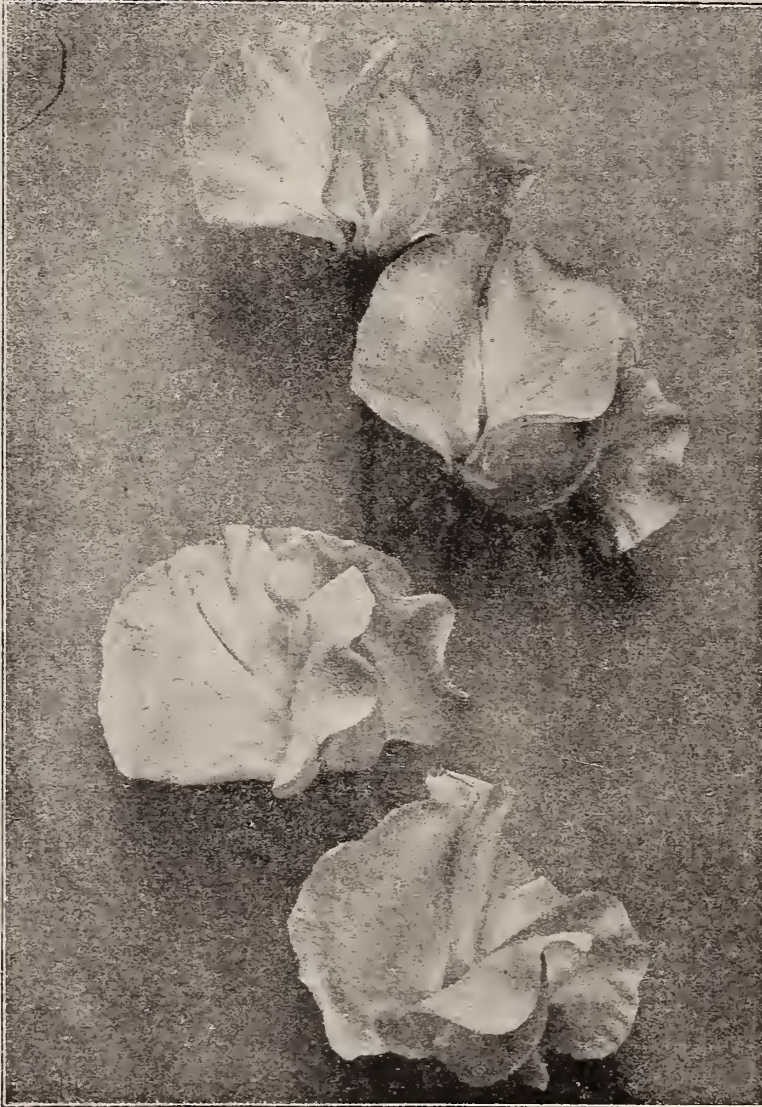
FOR FULL DESCRIPTION SEE OPPOSITE PAGE.



Complete List of
SWEET PEAS
See Pages 90 and 91

THE LIVINGSTON SEED CO. Columbus, O.

Livingston's Superb New Sweet Peas



Princess Alice Spencer Sweet Peas (three-fourths natural size.)

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 sby 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 created a sensation last year 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. 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. of 25 or 30 seeds, 10c.; ½-oz., 20c.; oz., 35c.**

Paradise—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.; oz., 25c.; ½-oz., 15c.**

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—(See illustration)—A lovely shade of lavender, possessing every characteristic of the true Spencer. Extra large, wavy flowers, three to four to the stem. Strong, vigorous grower, very long stems, a mass of bloom. The least sportive and best of its color yet introduced. **Pkt. of 25 to 30 seeds, 10c.; ½-oz., 40c.; oz., 75c.**

Mrs. Joe Chamberlain Spencer—This is a decided acquisition to the Spencer type. Fine, bold flowers of the very largest size, beautifully waved, 3 to 4 flowers on a stem, heavily flaked and splashed with a bright rose on a white ground. A striking variety. **Pkt. of 25 to 30 seeds, 10c.; ½-oz., 40c.; oz., 75c.**

"SPENCER" COLLECTION

The 5 New Sweet Peas described above, including one 25-cent packet of Mrs. J. Routhahn Spencer, sent postpaid, for **50c.**

OTHER GRAND NEW SWEET PEAS

THREE NEW WAVED SWEET PEAS OF THE "UNWIN TYPE"

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 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 the 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 three, set closely together at the top of a long stiff stem, have large open standard of fine substance. **Pkt., 10c.; oz., 20c.**

Nora Unwin—(See illustration page 88.) 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 an Award of Merit from the National Sweet Pea Society, England, 1907. **Pkt., 10c.; oz., 20c.; ¼-lb., 60c.; lb., \$2.00.**

Phyllis Unwin—The flowers are larger in size than the original "Gladys Unwin" and similarly crinkled wavy standard with broad wings. The long stout stems carry three 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 rosy-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 packet of each of above three Sweet Peas, 20c.

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 unhealthy 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, and frequently 10 to 12 on a long stout stem. A unique Sweet Pea novelty.

Emily Henderson—Large, pure white; profuse, early flowering, continuous.

Mont 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.

CREAM 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.

Modesty—Silver white, suffused pink, very dainty.

Lovely—Soft shell-pink; an exquisite shade; large size; fine.

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, age 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.

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.

MAROON AND CLARET.

Black Knight—Very rich dark maroon, veined black; darkest of all.

Shahzada—Intensely dark maroon, with a tint of purple in standard and inner portion of wings.

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.

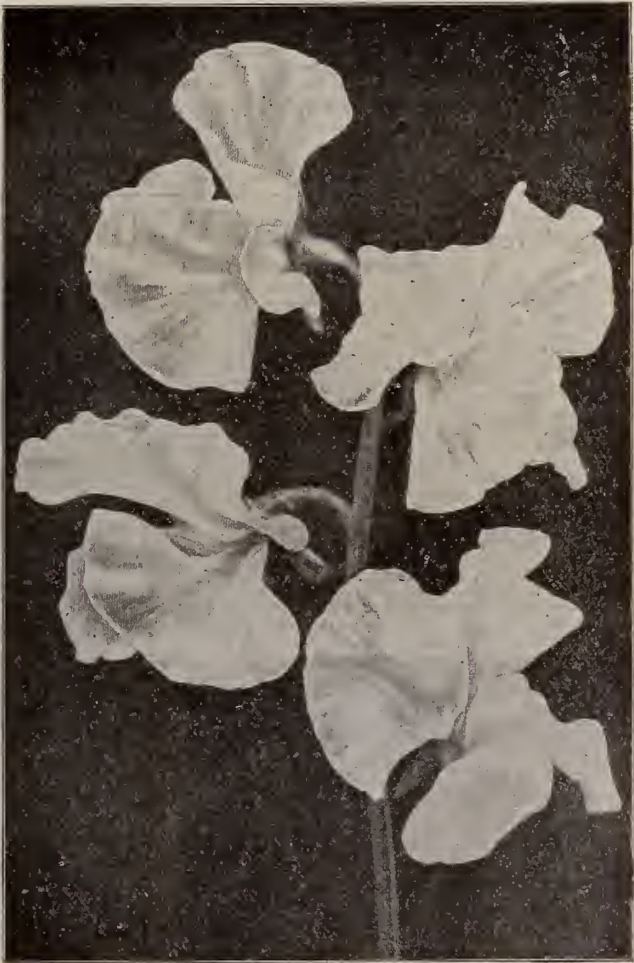
Golden Rose—A beautiful primrose-yellow, striped with rosy-pink.

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 rick, 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. Darkened striped variety.



New White Spencer Sweet Pea—Described on page 90.

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.

ORANGE AND SALMON.

Miss Wilmott—Enormous bold, upright flowers on stout stems. Wings and standard are of richest orange-pink, delicately shaded rose.

Venus—Light pink and buff blended in wings and standard.

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. Bouverle—Pinkish salmon in the standard; wings shade to a lighter salmon-buff.

BLUE AND PURPLE

David R. Williamson—This new variety is brightly effective. The large standard is of a rich indigo-blue, while the wings are slightly lighter in shade.

Captivation—Rosy blue, heliotrope wings.

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 Ounce—Enough for a single row 15 feet long.
Any 4 one-oz. packages, 25c.

25c Per One-fourth Pound. Enough for a 60-foot row.
Any 5 1-4 lb. packages, \$1.00.

75c Per Pound—By mail, postpaid. By Express, at purchaser's expense, 65c. per lb.

Any 15 Packets for 50 cents; or the Complete Collection of 49 varieties for \$1.50, by mail, postpaid.

MIXED SWEET PEAS see page 88 Also note on same page Livingston's ORCHID-FLOWERED COLLECTION of New Giant Sweet Peas

SWEET PEAS, ^{Pat. June} Continued

CUPID OR DWARF SWEET PEAS.

These little beauties only grow five to six 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.; ¼-lb., 25c.; lb., 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.; ¼-lb., 25c.; lb., 75c.**

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.; ¼-lb., 25c.; lb., 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., 40c.**

LIVINGSTON'S Large-Flowering Sweet William

(Dianthus Barbatus)

A very beautiful class of easily grown and very hardy plants of extreme richness and diversity of colors, deliciously sweet scented; there is no plant more prized for making old-fashioned gardens; for cut-flowers they are not surpassed. Hardy biennial. Height, 1 to 1½ feet.

Holborn Glory—This strain is a large-flowered selection of the Auricula-Eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, and the range of color, all showing a clear, white eye, is superb. **Pkt., 10c.**

Livingston's Giant Double Mixed—An improved class. The plants are robust and bushy, producing an enormous number of splendid, large, and perfectly double flowers. In shades and colors every known combination in Sweet Williams is represented. (See illustration). **Pkt., 10c.; ½-oz., 50c.**

Double Mixed—This mixture you will find of very superior quality; containing all colors and shades. **Pkt., 5c.; ¼-oz., 20c.**

Single Mixed—A very choice assortment of all the best single-flowering varieties. **Pkt., 5c.; ¼-oz., 15c.**

Double White—**Pkt., 5c.**

Double Crimson—**Pkt., 5c.**

Double and Single Mixed—This mixture is made by blending the double and single-flowering varieties. **Pkt., 5c.; ¼-oz., 15c.; oz., 50c.** Sweet William Plants, see page 112.



Livingston's Mammoth Verbenas.

IF YOU
CANNOT
FIND
WHAT YOU
WANT,
REFER TO
INDEX
ON
LAST PAGE
OF
THIS
CATALOG



Livingston's Mammoth Verbenas

If it were possible, it would seem to us that Verbenas are becoming more popular every year; the plants thrive in any good garden soil, and if grown from seed are much more vigorous than if started from cuttings. Verbenas will flower perfectly from seeds, started early in the house in boxes or pots; or you may plant the seeds directly in the garden beds, when the warm weather of May arrives. Height 1 to 1½ feet.

Mammoth Defiance—Bright, rich scarlet; has small leaves. **Pkt., 10c.**

Mammoth Blue Varieties—Showy and 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 purest 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 garden, of the greatest brilliancy. These are our best Verbenas, and for enormous flowers, of rich and superb colors, are unsurpassed. (See illustration.) They bloom most profusely. Our mixture contains every desirable color and shade. **Pkt., 10c.; ½-oz., 25c.; ¼-oz., 40c.; oz., \$1.50.**

Fine Mixed—A very satisfactory assortment; containing many fine colors and shades. **Pkt., 5c.; ½-oz., 15c.; ¼-oz., 25c.; oz., 75c.**

Dwarf Verbena—Of erect, dwarf, compact habit, forming a neat bush about six inches high. Especially suited for bedding and edgings. Our mixture contains all the desirable colors. **Pkt., 10c.**

Lemon Verbena—Delightfully sweet scented; easily grown from seed. **Pkt., 10c.**

THUNBERGIA

Rapid growing Annual climber with pretty buff, white, and orange flowers of various shades, with a dark center, or eye. Adapted for vases, hanging baskets, 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.**

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. Height 2 feet.

- | | | | |
|-------------------------|----------|------------------------|----------|
| Mammoth Crimson..... | Pkt. 5c. | Mammoth Lilac..... | Pkt. 5c. |
| Mammoth Dark Purple.... | Pkt. 5c. | Mammoth Pure White.... | Pkt. 5c. |
| Mammoth Golden-Yellow.. | Pkt. 5c. | Mammoth Rose-Pink..... | Pkt. 5c. |
| Mammoth Flesh-Pink..... | Pkt. 5c. | Mammoth Scarlet..... | Pkt. 5c. |

Livingston's Mammoth Flowering Prize Mixture—A gorgeous mixture containing many new and rich hues. Pkt., 5c.; ¼-oz., 20c.; 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 heds. The individual flowers are equally large, and of just as elegant colors. Height 1½ feet.

Improved Dwarf Mixture—Pkt. 5c., ½ oz. 20c.; oz. 60c.

Haageana Fl. Pl. (Mexican Zinnia), Splendid miniature-flowering double variety, growing 12 to 15 inches high; flowers perfectly double, bright golden orange; as a border plant this deserves wide cultivation. Pkt. 10c.; ¼-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:

Fringed White, Fringed Deep Carmine, Fringed Bright Rose, each, pkt., 10c.

Collection—A packet each of the 3 Double Fringed Zinnias, for 25c.

Striped, or Zebra—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 most fantastic and graceful forms; magnificent variety of colors and lovely shades. Pkt., 5c.; ¼-oz., 25c.

Double Pompon—These Zinnias grow 2 feet high, and are sturdy and bushy. They are also sometimes called "Lilliput," on account of their beautiful little flowers, which are very double and cone-shaped. Our mixture contains an innumerable number of fine colors. Pkt., 5c.

Tom Thumb or Double Miniature—Charming, perfectly double, small flowering class, 10 inches high; bloom profusely. Fine for borders. Mixed colors. Pkt., 5c.

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.

Wild Flower Garden, or Children's Garden

Full of Daily Surprises, and one who has never seen such a Garden cannot form any idea of its possibilities.

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**, chiefly because they can be allowed to pick their own bouquets without stint. 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.

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. A continuous succession of flowers from early Summer until the Autumn frosts, will result from its planting.

ASTERS, Semples Giant Branching Mixed; **BACHELOR'S BUTTONS**, Giant Flowering Imperialis; **CANDYTUFT**, Mixed Colors; **COSMOS**, Mammoth Perfection Mixed; **DIANTHUS**; **PINKS**; **MARIGOLDS**, French; **MIGNONETTE**, Sweet; **NASTURTIUM**; **GIANT PANSY**, Mixture; **PETUNIA**, Blotched and Striped; **PHLOX**, Livingston's Special Mixed; **POPPIES**, Livingston's Giant Double Mixture; **PORTULACA**, Mixed; **SCABIOSA**, Livingston's Large Flowering Mixed; **SWEET ALYSSUM**; **ANTIRRHINUM**, New Giant Flowering; **SWEET PEAS**, Gilt Edge Mixture; **ZINNIA**, Livingston's Prize Mixture



Livingston's Mammoth Flowering Prize Zinnias.

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 the varieties have great beauty. The seed is somewhat slow in germinating. Hardy perennial, 6 inches.

- Sweet-Scented**—This is the old-fashioned Blue Violet. Pkt. 10c.
- The Czar**—Largest flowering, richest colored, deep blue. Pkt. 10c.
- Finest Mixed**—A fine mixture of blue and white sorts. Pkt. 10c.

VALERIANA (Hardy Garden Heliotrope)

Showy plants; grow in any garden soil; does well in the shade; hardy perennial; grows two feet in height 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. Height 1½ feet. Pkt. 5c.

WALLFLOWER

Well-known and deliciously fragrant half-hardy biennials; the large spikes of bloom are of most beautiful colors. Height 1½ feet. Large-Flowering Single Mixed. Pkt., 5c. Large-Flowering Double Mixed. Pkt., 5c.

WILD CUCUMBER (Echinocystis)

A rapid-growing Annual climber. Has beautiful leaf and pretty, fragrant, white flowers. Pkt., 5c.; ½-oz., 10c.; oz., 15c.

Bright Array Collection

A most brilliant flower garden for a very little money. One full sized packet each of the following 8 "Easy to Grow" Flowers for 25 cents, postpaid:

- SWEET ALYSSUM**; **ASTERS**, Pæony-flowered Perfection; **CANDYTUFT**, Mixed Annual Sorts; **NASTURTIUMS**, Tall Climbing; **PANSIES**, Large-Flowering; **PHLOX DRUMMONDII**; **SWEET PEAS**, Gilt Edge Mixture; **ZINNIAS**, Prize Mixture.

A Glimpse of our
Five Acres of
Gladiolus.

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**. They 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 encompasses 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 very best large flowering kinds. For 1909 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.**

Livingston's "Brilliant Beauties" A Superior Mixture of Gorgeous Gladiolus.

At our True Blue Nursery we grow hundreds of thousands 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 and richest of all reds.
Brenchleyensis—Intense vermilion-scarlet.
C. L. Allen—Bright yellow, brown throat.
Citrinus—Fine yellow with some purple.
Eugene Lequin—Yellow with rose throat.
Fleur De Lyss—Salmon; magenta throat.
Fred Douglas—Dark carmine, very large.
Fire King—Flaming scarlet, very brilliant.
Henry Gilman—Deep salmon-scarlet; pure white bands.
King Humbert—Rosy pink, 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 with lemon blotch.
Snow White—Pure snow-white.
"1900"—Rich crimson, spotted white.

Price, above "Best of All" Named Gladiolus—5c. each; 55c. per doz., postpaid. By Express, not prepaid, \$3.75 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.

FOUR 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 cut).

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.

Snow Crest—A grand new variety introduced by us two years ago. Color, pure dazzling white, with lines of carmine at 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 4 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. Collection—one of each, 50c.

GLADIOLUS—Separate Colors

Prices of single Bulbs and Dozen includes postage. 50 and 100 lots go by Express at buyer's Expense.

	Each	Dozen	By Express—50	100
White and Light Shades, mixed.	5c	50c	\$1.85	\$3.50
Pink Shades, mixed.	5c	45c	1.75	3.25
Red and Scarlet Shades, mixed.	4c	35c	1.00	1.75
Yellow Shades, mixed.	6c	60c	2.10	4.00
Striped and Variegated, mixed.	4c	40c	1.60	3.00

Spray America Gladiolus.

Livingston's Selected Dahlias Choice and New Varieties



Kriemhilde Dahlia. Each, 25c.



Mrs. Roosevelt Dahlia. Each, 25c.

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 exhaust our supply of roots we will send good, strong pot-grown plants which give equally good results.

Dahlias—Some Superb Varieties

Mrs. Roosevelt—A grand new Dahlia of large size and graceful form, splendid stems for cutting. Flowers perfectly double (see illustration); six 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.

Nymphæa—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.

Snowlad—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 four to six 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 center; long petals, outer row beautifully twisted. **PRICE**—Above, (except as noted), each, 15c.; any 6 for 75c.

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—A rosy-crimson, slightly lighter shade at edges.

Catherine Duer—Of largest size, full to center; free bloomer; long stems; a beautiful living 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, six inches in diameter; beautiful form; ivory white, with a faint shade of blush pink.

Henry Patrick—Superb pure white; large; borne on long stems.

Kate Haslam—Lovely soft pink; petals beautifully quilled. **PRICE**—Above, (except as noted), each, 15c.; any 6 for 75c.

New and Rare Dahlias

Red Hussar—A new large-flowering show variety; cardinal red.

Britannia—Deep shaded salmon flesh color; perfect in shape; free and early bloomer; stout stiff stems.

Eloise—A charming variety; ground color, blush-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.

Kaiserine Augusta Victoria—The finest early white to date; bloom 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 a cut-flower likely to supersede all other pink sorts. **Each, 25c.** (See illustration.)

Mrs. Chas. Turner—Finest of all yellows in the Cactus variety. Extra large, long pointed petals, perfect in form; bright lemon-yellow.

Mrs. Linder—One of the best new Decorative Dahlias. Color, a beautiful creamy white, shading to blush 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.

Rackete—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.

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.

Pres. 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, \$8.00.**

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.

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.**

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, 25c.**

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.**

Cinnamon Vine This beautiful rapid climber is perfectly bardy, 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.**

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.**



Calla Lilies (Large White and Mrs. Roosevelt).

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. Freedom of bloom is its great value, producing two or three times more than any other. Its strong root-growth causes the abundant bloom. Exceedingly useful in the South and West, where Callas grow naturally in the open air. **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 beeder. **Each, 10c.; doz., \$1.00.**

GOLDEN-YELLOW CALLA (Ellottiana)—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.**



Superb Gloxinias. Each, 15c.

Calla Gloxinia, one each above 5 splendid Callas, \$1.40.

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.



Group of Caladiums, or Elephant Ears.

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 and store in a dry cellar where it does not freeze.

PRICES, by Mail, Postpaid.

First Size Bulbs—1½ to 2½ in. in diam. **Each, 15c.; 5 for 70c.**

Second Size Bulbs—2½ 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 inches 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 **10 for \$2.25; 100 for \$14.50**

Extra Large Mammoth Bulbs **10 for \$3.75; 25 for \$8.50**

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.; Larger Bulbs, each, 25c.; doz., \$2.50.

✓ **ALBUM (Speciosum)**—Pure white; very fragrant; free flowering; hardy; for general cultivation. 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.

✓ **MELPOMONE**—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. Philippinense)

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 measures 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 Mignonnette)

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.

Tuberose

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 Tuberose 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 Tuberose.

TIGRIDIAS (Tiger or Shell Flower)

✓ Very handsome; are large and free flowering; include some of the most gorgeous colors and shades. Grows about two 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 Stars)

✓ 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.

✓ **Lasandra**—Fine rose pink.

✓ **Dieppa**—White flowers.

Price—Each Sort—Dozen, 10c.; 25 for 15c.; 50 for 25c.; 100 for 40c.

Flower Plant Department

We feel justified in calling special attention to our Plant Department, which is under competent management and requires upwards of 50,000 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. Bedding plants, such as geraniums, etc., are usually sent when the proper time for setting 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.**

FREE A VALUABLE PLANT Given with Plant Orders Amounting to \$1.00 or over. With every order for plants or shrubs offered in this catalogue 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 Pages 98 to 119 of this catalogue. **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 Plumosus.
Each, 15c.

Asparagus, Ornamental.

Asparagus Sprengeri—Climbing indoor plants of rare beauty; bandsome, est when drooping from a pot or basket; sprays four to five feet long, of fresh green feathery foliage, useful for bouquets, wreaths or sprays; remains 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)—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.**

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 House Culture

Argentea Guttata—A bandsome foliage variety. Purple bronze leaves, oblong in shape, with silvery markings; white flowers.

Dewdrop—Very pretty plant, having bloom of snowy whiteness.

Metallica—Grand for tall specimen plants. Thick panicles of pink buds and white flowers against large red-veined leaves of glistening bronzegreen.

Sandersoni—Bushy growing variety with glossy, deep green leaves. Blooms in clusters of drooping, scarlet, heart-shaped flowers.

Rubra—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.

NEW BEGONIAS—BEDDING VARIETIES

Select ever-blooming Begonias. Three fine new ones from Germany. Each one makes good plants for Winter.

GRACILIS (Our own introduction. New for 1906)—Is at once the finest blooming Begonia, either indoors or out; good for beds, pots, boxes or baskets, and 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 Sempioriflorens 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 three 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 COLLECTION—Six Lovely Flowering Begonias in six varieties. A choice collection of beautiful house plants. **50c.**



Asparagus Sprengeri.



New Bedding Begonia, Gracilis.

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.
 - Variegated 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 pencillings 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.
 - Harry Fenn**—A magnificent crimson; flowers large and full; very free bloomer.
 - Mrs. Patten**—Large, full, double flowers of the purest white, faintly 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 6 for 40c.
One of each of above Sets 12 Choicest Carnations for 75c.



Vase of Enchantress Carnations.

NOVELTY CARNATION SET

- Defiance**—Considered by many the best new scarlet. Flowers 3½ inches in diameter; fragrant and free bloomer.
 - Aristocrat**—A bright pleasing cerise 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 4 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.
- Mertham Red**—A pretty red; broad petals; fine flower; excellent grower.
- Sunburst**—Large and beautiful; intense yellow; a free and healthy grower.
- Uncle John**—Closely incurved 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 6 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 Peony. Very early.
- Glory of the Pacific**—A large fine pink; early and a great favorite.
- Ivory**—Early. Pure white; a splendid free flowering variety, unequalled 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 Byron**—A very fine mid-season white; lasts a long time after cutting.
 - Mrs. Henry Robinson**—An early white, blooming with us October 5th.
 - 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 Nov. 15th.
 - Wm. H. Chadwick**—Immense bloom; waxy-white, tinted pink; late.
- Above, each, 10c.; any 6 for 40c. The Set of 12 for 80c.



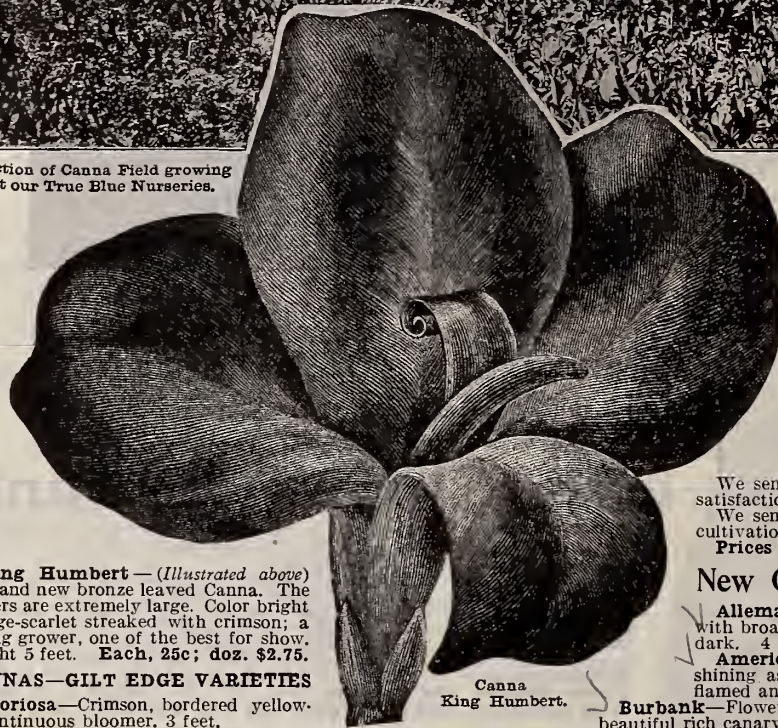
Blooms from "Prize Winners" Chrysanthemum Collection.

Prize Winners Chrysanthemum Collection. Includes the most desirable varieties, and goes over the entire range of color, form and size. If you wish to be up-to-date in Chrysanthemums, try this magnificent Collection, for \$1.00
20 Fine Chrysanthemum Plants

Exhibition Chrysanthemum Collection—We will send 10 Chrysanthemums, of the large flowering kinds, in 10 varieties, all fine for cutting and correctly labeled, our selection for..... 50 cents.



Section of Canna Field growing at our True Blue Nurseries.



Canna King Humbert.

Cannas

The Canna is one of the most beautiful of all Bedding Plants

We make a specialty of Cannas at our True Blue Nurseries, and the fields are the admiration of thousands. No other plant is better adapted to this country, and nothing, costing so little, excel them for masses and beautiful foliage, as well as the abundance of dazzling bloom in many shades.

Plant outdoors about the middle of May, 2 feet apart, if the weather is warm and settled.

We send out plants only, as we find they give better satisfaction than dormant roots.

We send free on application an illustrated leaflet on cultivation and care of Cannas.

Prices of Cannas, each and dozen, are postpaid.

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 ft.

Kate Gray—Flowers of large size, 5 to 6 inches across; a rich orange-scarlet, streaked with golden-yellow. 6 to 7 feet.

Above, each, 10c.; doz., \$1.00. The Set of 4 for 35c.

CRIMSON AND SCARLET CANNAS

Alphonse Bouvier—The standard crimson; large; bright. 6 feet.

Beaute Poitevine—The ideal bedding Canna; always in good condition in all kinds of weather; bright rich crimson. 3 feet.

Crimson Bedder—Large trusses of beautiful crimson bloom; early. Very free flowering; compact plant. 3 feet.

Duke of Marlborough—Dark, rich, velvety maroon; large trusses. One of the deepest and richest colored Cannas. 4 feet.

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 ft. Above, each, 10c.; doz., \$1.00. The Set of 6 for 50c.

DARK OR BRONZE-LEAVED CANNAS

Black Beauty—The handsomest of all dark-leaved varieties. Foliage large and massive, of richest bronze-purple, shading to almost black, with undulating edges to the leaves. 4 to 5 feet.

Brandywine—Bronze leaved; large, wine-red bloom. 4 to 5 feet.

Bronze Beauty—Bronze leaf, green stalk; vermilion-orange. 5 ft.

David Harum—Flowers of large size; bright vermilion dotted with crimson; extra free bloomer; foliage dark bronze. 3 feet.

Evolution—Rich golden-yellow, center blush-pink; bronze foliage. 4 feet.

Robusta—Luxuriant dark bronze foliage. 6 to 8 feet. Above, each, 10c.; doz., \$1.00. The Set of 6 for 50c.

King Humbert—(Illustrated above)

Grand new 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, 25c; doz. \$2.75.

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, 10c.; doz., \$1.00. The Set of 4 for 35c.

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, 10c.; doz., \$1.00. The Set of 4 for 35c.

SELECTED CANNAS

Fine 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., \$1.60. The Set of 6 for 85c.

SURPRISE COLLECTION

We will select FIFTEEN CHOICE CANNAS from above list for \$1.00 postpaid. This collection includes those varieties having flowers of crimson, scarlet, yellow, orange, spotted and gilt edge shades, also bronze-leaved sorts, our selection.

Livingston's Dazzle 6 Canna Set

A VERY POPULAR SET. Six of the very best, richest colored largest flowering types, all different sorts, selected for their bright and dazzling colors. Of easy growth. Hard to beat any where. Bound to please everyone. Try a set. Only 50c. postpaid.

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 with green edges.

Brilliance—Bright carmine, shading to deep maroon, with margin of leaves bordered with yellow and green, rich velvety lustre. 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.

Verschaffelti—Velvet crimson. Largely used in city parks as the very best deep red variety for bedding.

Above, each, 10c. The Set of 6 Coleus for 50c.

The Best Ferns For the Home

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 *Piersoni*, and *Elegantissima* 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. It never partly reverts to the old Boston Fern type, as is apt to be the case with earlier introductions of this sort. (See cut.) **Fine Strong Plants, each, 20c.; doz., \$2.25.**

THE BOSTON FERN

The Boston Fern is sold by the thousands, and for a great many years has held its place as the standard variety in ornamental ferns. Its 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-in. pots, each, 15c.; 4-in. pots, 25c. By Express, not prepaid, Good Large Plants, from 5-in. pots, 50c.; from 6-in. pots, 75c. Extra Large Plants, \$1.00 to \$5.00, according to size.**



Improved Ostrich Plume Fern. Each, 20c.

SPECIAL OFFER

One Strong Plant each of the Three Following Splendid House Ferns—Ostrich Plume, Boston Fern, Shaking Fern—only 50c.

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, 20c.**

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 Emilliana*)

These are so useful in connection with small Ferns in pans or baskets we have thought best to offer them here, although, strictly speaking, not a Fern. Has 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.**

MRS. F. R. COOPER, Vinton Co., Ohio: "Ferns received in fine condition. They are so much larger than I expected. Thanks for the prompt attention you gave my small order."

LEWIS ZARGES, Seneca Co., Ohio, writes: "I wish to thank you for sending me such nice plants, and promptly. They reached me in fine condition, and I am so well pleased with them."

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

Monstrosa—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. Each, 25c.

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, 25c.**

Please state the date when Plants are wanted; otherwise we send them when we think best.

If unable to find what you want refer to Index on last page of this Catalogue.



Phenomenal Fuchsia. Each, 10c.

Livingston's Select Geraniums New and Choice Kinds

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 ones we are sure are best.

NEW GERANIUMS

A Few Very Choice Ones

The New Telegraph—Immense in size of cluster and single bloom. (See illustration.) 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 in 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 Presilly—Plant robust, dwarf and branching; a 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 two inches across; of perfect shape; color, deep rosy scarlet.

Peter Henderson—A 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; base of upper petals orange; fine.

Above, each, 15c. Set of 6 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 6 for 50c.

Superb Double Geraniums

Alphonse Riccard—Large flowers in great masses; dwarf and branching; color bright vermilion-scarlet.

American Beauty—A 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; very large truss on long stems.

Heteranthe (Double Gen. 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—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 the dark crimson-scarlet bedders. Above, each, 10c.; any 6 for 50c. The Set of 12 for 85c.

Heliotropes

Well suited for pot culture or borders. Unexcelled for bouquets.

Florence Nightingale—Flowers bright lavender; good truss.

Madame Lederle—Flowers a beautiful Forget-Me-Not blue; fine.

White Lady—Lavender-white. The best light sort. Each, 10c.; the 3 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-Nots 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 3 for 35c.



The New Telegraph Geranium Each, 15c.

PELAGONIUMS

(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. Set of 4 for 75c.

DOUBLE IVY-LEAVED GERANIUMS

Col. Baden-Powell—The largest flower of this class. 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 2 for 35c.

The Champion Geranium Set

20 Beautiful Selected Geraniums, postpaid, for \$1.00.

Remember this is not a set picked up from any surplus we may have, but contains the choicest varieties—Double, Single and Sweet-Scented—in every shade of this useful flower. It will please you.

One-Half Champion Geranium Set (10 plants), 50c., postpaid.

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.

Mrs. J. M. Garr—The finest of all single white bedders.

Rev. Atkinson—Rich crimson-scarlet; fine large flowers and truss.

Richmond Beauty—A brilliant scarlet-crimson, feathered white on the two upper petals; very unique sort. Above, each, 10c. The Set of 6 for 50c.

VARIEGATED-LEAVED GERANIUMS

Bronze Bedder—Foliage bright golden-yellow; scarlet blooms.

Mme. Sallerol—Bright green foliage edged white. Stands sun well; few plants equal it for 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 Languth—Beautiful dark green leaves marked with broad white band; double, bright red bloom. Above, each, 10c.; any 3 for 25c. The Set of 6 for 50c.

Impatiens (Sultans or Zanzibar Balsam)

Charming plants for the decoration of the conservatory or window garden, as they are most excellent pot plants.

Holsti—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 2 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. Each, 25c.

Lantana

Trailing—A fine plant of graceful drooping habit, producing flowers at each leaf, literally covering the plant; brilliant rose-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 de 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. Each, 25c.

Lemon

AMERICAN WONDER (Ponderosa)

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. (See illustration.)

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 novel Otaheite Orange (see below) for 35c., postpaid.

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, three or four inches in diameter. One of the most showy annual climbers. (See illustration page 79). **Fine Plants, each, 10c.; 6 for 50c.; doz., 90c.**

ORANGE

As a pot plant the lovely Otaheite Orange is one of the most novel and beautiful that can be grown. With two or three plants you can have your own far-famed orange blossoms. **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, 25c.**

California Giant—Pure white. **Each, 10c.**

The Set of 2 for 30c.

Palms Indispensable for Decorations

The following are the most satisfactory and best adapted for house culture:

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. As decorative plants for the window, dining table or conservatory, they scarcely have an equal.

Kentia Belmoreana—Dwarf, spreading; leaflets rather narrow. **Small plants, each, 25c. Large Size, nice plants, 50c. and \$1.**

Kentia Forsteriana—Of stronger growth, with broader foliage than above. Easy to grow. **Small plants, each, 25c. Large size, 50c. and \$1.00 each.**

Cocos Weddelliana—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.

PALM COLLECTION

One each *Latania Borbonica*, *Areca Lutescens*, *Kentia Belmoreana*, and *Forsteriana*, and *Cocos Weddelliana*. **Five most popular Palms for \$1.00, postpaid.**

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 50 cents, postpaid.**

PRIMULA OBCONICA

An ever-bloomer. Flowers of lovely lavender in great profusion the year around. Easy to grow. One of the most satisfactory of house plants. Always pleases. **Each, 15c.; 2 for 25c.**

Petunia (Double)

We can supply fine plants in following choice varieties:

Exquisite—Fine shell pink. **Striking**—Rich red, white border. **Meteor**—Dark red, flaked white. **Snow Storm**—Pure white. **Above, each, 10c.; the Set of 4 for 35c.; doz., \$1.00.**

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, 50c. By express—4-inch pot plant, 80c.; 5-inch pot plant, \$1.00; 6-inch pot plant, \$1.25.**

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 each season as a bedding plant, easily ranking with Geraniums, Cannas, etc. Strikingly effective.

New Audubon—Dark green foliage, blotched and spotted with creamy yellow. Bloom intensely red. The best of the variegated-leaved varieties. **Each, 10c.**

New Zurich—A new dwarf, early flowering variety, beginning to bloom when but three inches high. **Each, 15c.**

"Fireball"—Large spikes of dazzling scarlet flowers produced well above the foliage all season. Earliest and finest for bedding. **Each, 10c.**

St. Louis—A great addition; forms large bushes of immense scarlet spikes of bloom. Early and continuous. **Each, 10c.**

The Set of 4 above Salvias for 40c.

SMILAX

Fine climbers. Beautiful, glossy, dark green leaves, useful in bouquets. Very lasting after being cut. **Each, 10c.; doz., \$1.00.**

Verbenas

The very finest varieties. No bedding plant gives more satisfaction. **Beauty of Oxford**—Dark pink. **Glow-Worm**—Fiery-red.

Mrs. McKinley—Snow-white. **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, 10c.; 3 for 25c.; doz., 90c.**



Violets, Princess of Wales. Strong Plants, each, 10c.

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 and long, stiff stems. (See illustration).

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; foliage rich, dark green.

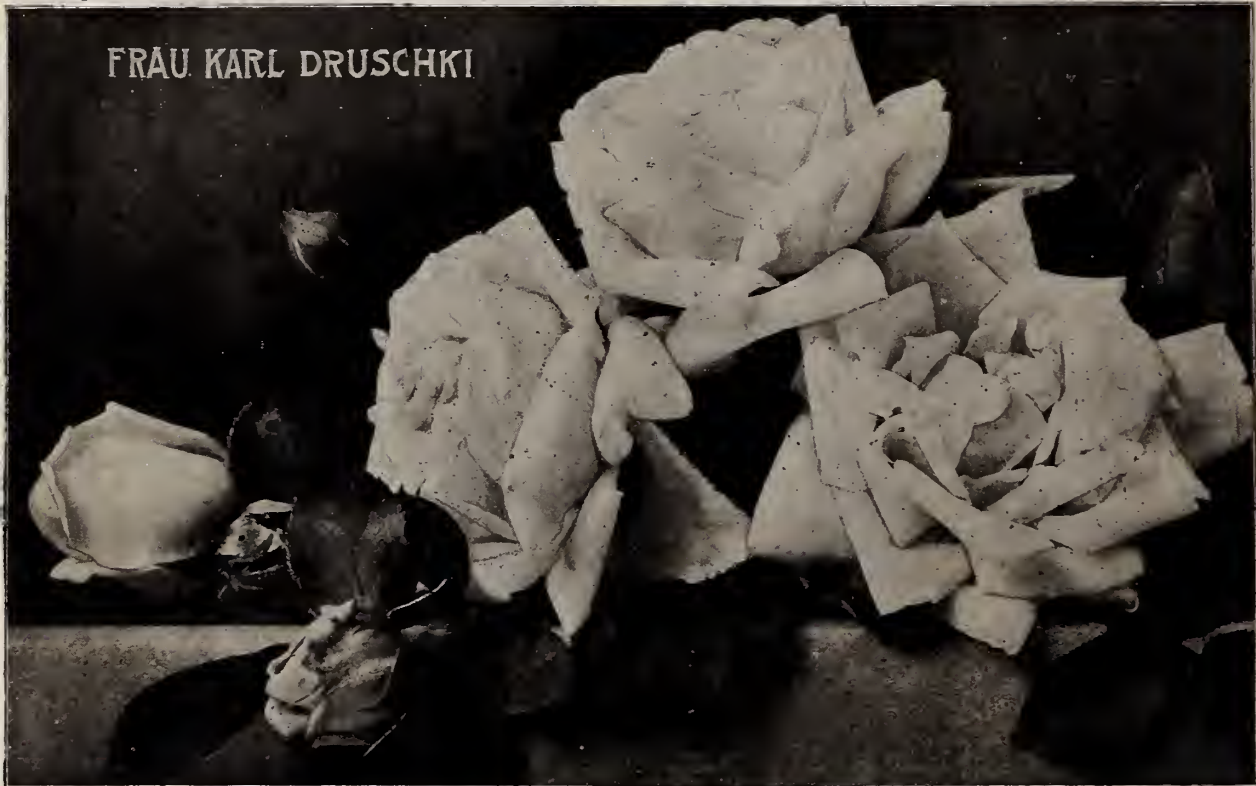
Swanley White—Pure white; large; double; very fine. **Strong plants, each, 10c.; doz., \$1.00. The set of 4 for 35c.**

HARDY RUSSIAN VIOLETS—See page 112.

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 shall be exhausted.

FRAU KARL DRUSCHKI



Some of the World's Best New Roses

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. The foliage is a deep green and very leathery and not subject to mildew or the ravages of insects, as is the case with many less hardy varieties. A succession of blooms may be had from this variety during the entire Summer if proper care is exercised in trimming after the first bloom, and, unlike many other varieties, of hardy roses, which flower but once during a season, the Frau Karl Druschki will continue to throw up pyramids of snow-white blossoms if, after the first flowering period, the shoots from which the bloom came are cut back close, leaving perhaps three or four eyes of the new growth. It will thrive in almost any soil and is as hardy as an oak.

Although we have many so-called white roses, it is a fact that before the introduction of Frau Karl Druschki we had not a pure, snow-white hardy rose—heretofore the white roses have been tinged with pale pink or cream color. The Frau Karl Druschki is absolutely pure paper-white. (See illustration.)

Young Plants, each, 20c.; doz., \$2.00; Strong two-year-old field grown bushes, each, 50c.; doz., \$5.00, postpaid.

The Frau Karl Druschki is included in our Challenge Collection of Roses offered on back cover.

Etoile de France (Star of France)

A Glorious New Hardy Everblooming Rose. At Turin, Italy, it was awarded a Gold Medal at an international exhibition, also a First Class Certificate of Merit by the Horticultural Society of France. That these high honors given by Europe are deserved we can testify, for we have grown it the past season and find it to be one of the very finest roses of its class and color ever offered. A queen among roses. Flowers very large and full, of magnificent cupped form; the color an intense cerise crimson; the buds long and pointed, borne singly on long stems. Strong pot plants, each, 20c.; doz., \$2.00.

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. Strong pot plants, 20c.

A GLORIOUS NEW CLIMBING ROSE

Tausendschon, 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 flowers is a bouquet in itself, hence the very fitting name, "Thousand Beauties." Blooming 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, 20c.; 3 for 50c., postpaid.

FINE NEW DWARF EVERBLOOMING ROSE

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 twenty inches high, with healthy foliage and blooms incessantly the whole Summer, frequently having 100 to 120 blossoms on a single bush. New and scarce. Strong pot plants, each, 50c.

New White Baby Rambler Rose

Large, very Double Rose. Everblooming. A Mass of Snow-white Bloom. Delightfully Fragrant. Perfectly Hardy.

This is a very important novelty—the very best of this type of roses yet introduced. 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. One branch selected at random had 45 buds and blossoms on it. It has the true rose perfume to a marked degree. A grand rose for pots and permanent bedding; absolutely hardy everywhere. 18 to 20 inches high.

PRICES—Strong two-year-old field-grown plants, each, 50c.; doz., \$5.00, delivery charges prepaid. Fine plants from 2½-inch pots, each, 20c.; doz., \$2.00, postpaid.

The Best Everblooming Tea Roses

All the following are pure-blood Tea Roses, and noted for their delicious fragrance, vigorous growth, perfect flowers, and their constancy of bloom. They are tender and should be well protected in the Northern States. In the extreme North they must be wintered in the house. *Prices, see foot of page.*

Duchesse De Brabant—Few roses equal it in freedom of bloom; none surpass it in vigor or fragrance. Color an exquisite rose, heavily shaded with amber and salmon.

Etoile de Lyon—Light golden-yellow; very sweet; large; fine for open air culture.

Golden Gate—Creamy white, flushed pink; very strong grower and profuse bloomer.

Madame Abel Chantenay—A magnificent variety; a beautiful rose tint, shaded with salmon. Very full and fragrant blooms.

Madame Lombard—A beautiful shade of rosy-bronze; very fragrant.

Mad. Jean Dupuy—New; beautiful large, heavy foliage, and great rounded blooms of an elegant pink and buff shade.

Maman Cochet—It is of the largest size, well rounded, and very double; color, a deep rose-pink, inner side of petals being a silver-rose touched with golden-yellow. Extra fine.

Mrs. B. R. Cant—A very fine rose of full form and solid, even color; clear, bright rosy-pink; large size; perfectly double; quite fragrant; free grower and bloomer; fine in the Fall; an excellent bedding rose.

Papa Gontier—Dark crimson-red, with long, pointed buds. One of the most beautiful varieties as cut-flowers.

Perle des Jardins—Rich golden-yellow; beautiful buds and open flowers of large size; deliciously sweet; early; constant.

Richmond—A real red rose; shading to a velvety scarlet, or crimson, as the flowers mature. Finely formed; very fragrant.

Souv. de Pierre Notting—Seedling of Marechal Niel and Maman Cochet. Beautiful long buds, elegant form; orange-yellow; bordered carmine-rose. It has received six gold medals.

White Maman Cochet—Like Maman Cochet, the growth is vigorous, with rich, healthy foliage; large, fine, creamy-white flowers. Exact counterpart of beautiful Maman Cochet.

Hardy Everblooming Hybrid Tea Roses

This class is made up of varieties obtained by crossing Tea and Hardy Perpetual Roses, retaining the freedom of bloom of the Teas, also some of the hardiness of the latter. Most of them are hardy with protection, and by far the best class for bedding out where moderate Winters prevail. We cannot speak too highly of the roses of this class.

Angela Welter—The elegant, large blooms are of an exquisite creamy-white, the center shading to yellow. It blooms profusely, and is very fragrant. We recommend it.

American Beauty—Buds large, full, double and exceedingly sweet; color, rich rosy-crimson. *See special description on page 106.*

Bessie Brown—A lovely new rose; extra large, full, double, and deliciously perfumed; healthy, vigorous grower; constant, profuse bloomer; color white, delicately shaded with rose.

General McArthur—A true everblooming Tea Rose of great fragrance; color, brilliant scarlet; a strong grower; very lasting when cut; hardy outdoors with slight protection.

Gruss au Teplitz—Color, brightest scarlet, shading to deep rich velvety crimson; very fragrant; free grower and bloomer.

Kaiserin Augusta Victoria—Elegant large pointed buds and very large, full, double flowers; delicate creamy-white; deliciously fragrant; strong stems; rich, glossy foliage. One of the finest Hybrid Teas. *(See illustration.)*

Killarney—Everybody will want this splendid new Irish rose; beautiful, sparkling, brilliant pink. *(See page 106.)*

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. One of the best roses for outdoor cut-flowers.

La France—Silvery pink. *See page 106.*

Lady Battersea—Has long, pointed buds of largest size; very striking; color, bright cherry-crimson; stems stiff, and extremely long; strong grower, and free in bloom; on strong plants the blooms are well filled; a promising bedder.

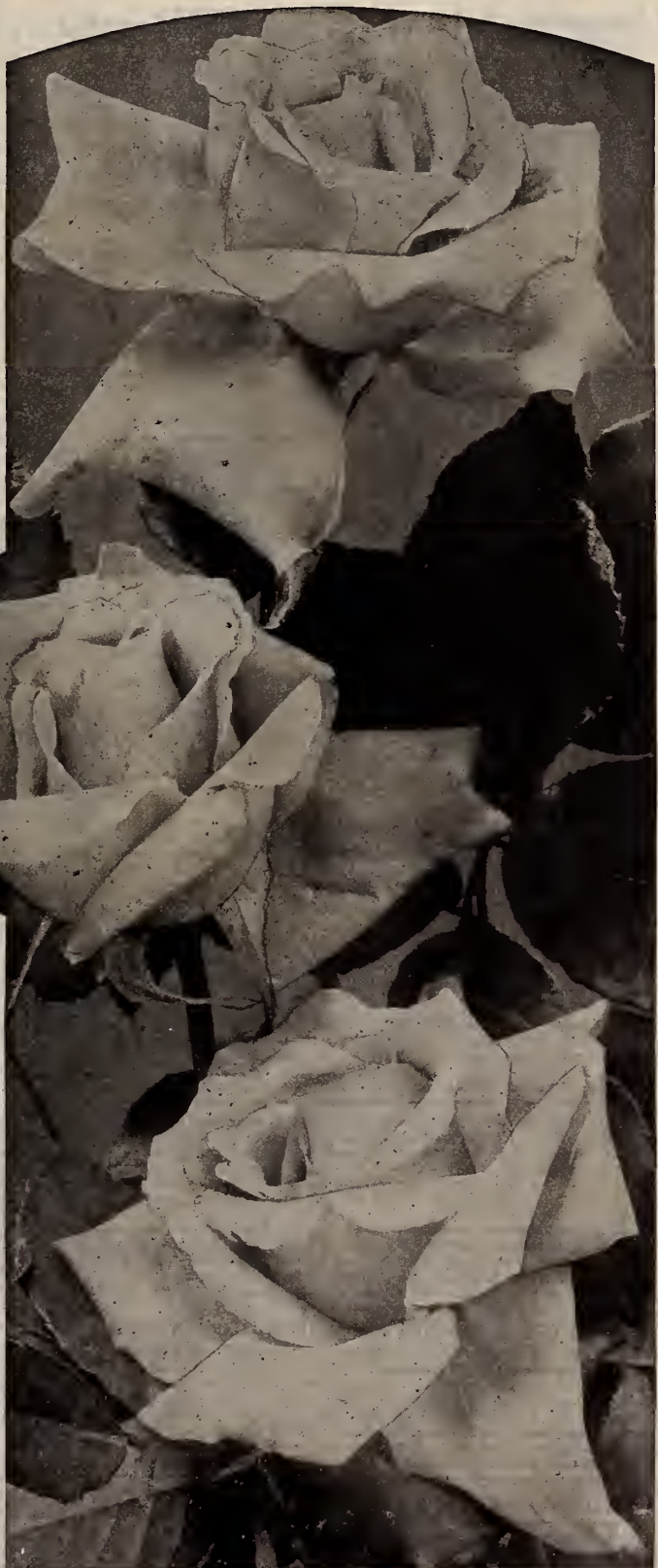
Madame Caroline Testout—Petals large and of elegant form; exquisitely edged and bordered with clear silvery-rose; flowers and buds extra large, of elegant form; color, brilliant satiny-rose, center clear red.

Meteor—Of the deepest glowing crimson; very double, petals slightly recurving; a beautiful open rose; free bloomer.

Rosalind Orr English—Brilliant cerise-pink. *See page 106.*

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—Strong-growing, free-blooming, attractive and hardy. Flowers are very large and double; color, beautiful shade of pale pink, with satiny lustre.



Kaiserin Augusta Victoria.

PRICE OF ALL ROSES ON THIS PAGE—Good plants from 2½-in. pots, each, 10c; doz. \$1.00, postpaid. Strong Field-Grown Bushes, 12 to 18 ins. high, each, 25c; doz. \$2.50, delivered anywhere in the U. S. By express, not prepaid, doz. \$2.00.

Livingston's Ideal Rose Collection 5 Beautiful Hardy Everblooming Sorts

This is a magnificent collection for all who want a strictly everblooming collection of roses. The varieties include the very finest roses in this class and will yield a great profusion of exquisite flowers all Summer long. Hardy with protection. All strong field grown plants, 12 to 18 inches high, ready to bloom at once. **5 big bushes, \$1.00, delivered anywhere in the U. S.**

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; the flowers very double and of a exquisite rich rosy-crimson color. The queen of all Roses, it stands without an equal as the largest sweetest and most beautiful of all roses. **Each, 25c.**

Killarney—This splendid new Irish Hybrid Tea Rose is a strong, vigorous grower and very hardy, having lived out during the past two winters without protection. There is no rose we know in this class that blooms more freely than Killarney and the large size of the flowers is remarkable. Buds large, long and pointed. The color is an exquisite, brilliant pink, almost sparkling and very beautiful. **Each, 25c.**

Kaiserin Augusta Victoria—A beautiful hardy, ever-blooming white garden Rose; strong, vigorous grower, and persistent bloomer; produces large, finely-shaped buds and flowers which are full, double and sweetly scented. White, slightly tinged with lemon in the center. (See illustration, page 105). **Each, 25c.**

LIVINGSTON'S IDEAL ROSE COLLECTION—The five Roses described above, all large field-grown bushes, \$1.00, delivered anywhere in the U. S.

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 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 Alps—Large, full, finely formed flowers; color, pure white, tinged with pale blush; beautiful. A profuse bloomer and hardy.

General 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; of 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. The buds are magnificent, long and pointed; the flowers bold, extra large and full. The color a rich velvety crimson, brilliant and showy in the extreme.

PRICE, Above Hardy Hybrid Perpetual Roses—Good Plants from 2½-inch pots, 10c. each; doz. \$1.00, postpaid. Strong 2-year-old Field-Grown Bushes, 30c. each; 3 for 80c.; doz. \$3.00, delivered anywhere in the U. S. By Express, not prepaid, \$2.50 per doz.

Five Splendid Everblooming Roses

Burbank—Free flowering; ever-blooming; good habit; color, rich pink. Fine bedder.

Clothilde Soupert (Polyantha)—Vigorous growth; compact; wonderfully profuse and constant bloomer; flowers very double, produced in clusters; beautiful pearly white with rose-lake center; slightly fragrant; very hardy ever-blooming rose. One of the finest.

Hermosa—Always in bloom; beautiful, full, fine formed, deep soft-pink, cup-shaped.

Pink Soupert—A free and constant bloomer when only a few inches high, with dozens of bright rosy-pink flowers, changing in hue as they fade, producing a pleasing contrast.

Snowflake (White Hermosa)—Dwarf habit; constant bloomer; pure white, medium size flowers.

Livingston's CHALLENGE COLLECTION Our Great Rose Bargain Offer for 1909.

Lithographed in natural colors on back cover and described on inside of back cover. All strong, two-year-old, field-grown bushes, with from 3 to 7 strong branches cut back to about 2 feet long. **Will bloom first season. All perfectly hardy and continuous bloomers.** This is the best rose offer we have ever made. All who want quick results should try this magnificent collection of big two-year bushes.

PRICE—\$1.25 DELIVERED IN THE U. S.



Ulrich Brunner,
or
Hardy
American
Beauty.

The Famous Climbing Rambler Roses

SPLENDID FOR COVERING PORCHES, TRELLISES, SCREENS, FENCES, ETC.

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 **50c. each, \$5.00 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 ten to twelve feet in one season; blooms in clusters; fine shell-pink in color; large for the class; very lasting; fragrant; foliage, deep green.

Yellow Rambler (Aglala)—Quite hardy, but should have some Winter protection. The beautiful clear yellow flowers are borne in immense trusses, sometimes one hundred in a cluster. Very fragrant.

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. Blooms in large clusters abundantly.

Baltimore Belle—Pale blush, shading to rose color; double flowers in large clusters; vigorous; very rapid growing; blooms late.

Prairie Queen—Extra fine; free bloomer; flowers extra large; color, bright rose, sometimes striped white. Deservedly popular.

Seven Sisters—The beloved old-fashioned, perfectly hardy anywhere, climbing rose. In color it changes from crimson to white, passing successively through all shades.

PRICE—All above Climbing Roses, good plants from 2½ in. pots, 10c. each, \$1.00 per doz., postpaid. Large field grown plants, 25c. each, \$2.50 per doz., delivered in the U. S. By express, not prepaid, \$2.00. per doz.



Climbing Tea Rose, Glorie de Dijon.



Dorothy Perkins.

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—A rapid, vigorous grower; very healthy; blooms almost continuously; flowers extra large; fragrance delightful; pure white, center tinged yellow.

Climbing Meteor—Perpetual blooming; color, rich velvety crimson; very vigorous grower and profuse bloomer.

Climbing Soupert—An abundant bloomer throughout the season; quite hardy; vigorous grower. Color, creamy white, sometimes tinged with pink; two and one-half to three inches across, and very double.

Gainsborough—A splendid new ever-blooming rose; color, delicately tinted flesh, almost white; flower very large and fluffy, with no suggestion of stiffness. Try it.

Glorie de Dijon—A splendid pillar rose producing with the greatest freedom, large, very double, delightfully tea-scented flowers. The color is a rich cream blended with bluish and amber. Exceptionally hardy. (See illustration).

Reine Marie Henriette—Ever-blooming; crimson flowers, exquisitely formed, very full, double; fragrant.

PRICE—Above Climbing Tea Roses, same as Hardy Climbing Roses above.

The Rugosa Roses

Sturdy bushes three to five 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.

Conrad F. Meyer (Hybrid Rugosa)—Full in form, beautiful pure silvery-white color, and deliciously fragrant.

Rugosa Rosa—Glossy-crimson. Each, 35c; doz., \$3.50.

Rugosa Alba—Pure white. Each, 35c; doz., \$3.50.

Two Fine Baby Ramblers

The Dwarf, or Baby Rambler Roses, grow a fine, healthy bush, fifteen to twenty inches high, with foliage of dark, glossy-green, which seems blight and bug proof. Blooms in large clusters, as many as 120 flowers in a single cluster having been counted. They are very attractive, being continually in bloom from June until late frosts, and when potted up will bloom all Winter; in the house they bloom the year round. Perfectly hardy everywhere.

Crimson Baby Rambler—A little beauty, rich crimson blooms like the tall Crimson Rambler.

PINK BABY RAMBLER—“Little Annie Muller” Same as the Crimson Baby Rambler, except color is a luminous brilliant pink—a shade that is always admired.

PRICE—Above Baby Rambler Roses same as for Hardy Climbing Roses above.



Border of Hardy Perennials (showing effectiveness of Hardy Phlox).

Hardy Perennial Plants

Some of the most beautiful flowers are to be found among the Hardy Class of blooming plants. They are well adapted to permanent plantings, as when once set out they remain from year to year with little care and hardly any winter protection in our climate. This feature will appeal to those who do not care to plant each season, as is necessary with annual flowers. A good assortment of hardy plants is very desirable to anyone, as they may be used along with the plants of annual sorts or with hardy shrubs with telling effect. By all means plant some Hardy Stock. On this and the four following pages we offer a choice selection of the best hardy perennials.

Suggestions for the proper arrangement of plants to give pleasing results furnished gladly. We have given attention to this matter of Hardy Perennial Flowers for a number of years, believing them to be of the very greatest value, where permanent effects are desired.

On application we will send you FREE, a Descriptive Leaflet on the CULTIVATION OF HARDY PERENNIAL PLANTS.

ACHILLEA

Pure White, "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 five hundred 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. Each, 10c.; 3 for 25c.; doz., 85c.

ANEMONE

Whirlwind—A new double white Anemone. Very hardy and the blooms are quite lasting; flowers $2\frac{1}{2}$ to 3 inches across; very free bloomer.

Queen Charlotte—A very fine Japanese sort; flowers semi-double and a beautiful shade of pink—a rare shade in hardy flowers.

Above, each, 15c. The 2 for 25c.

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.

Amethystinus—Blue.

Snowflake—White.

Mrs. F. W. Raynor—Red.

Each, 15c. The 3 for 40c.

BLEEDING HEART

(*Dielytra Spectabilis*)

Pretty Spring bloomers, with graceful, drooping sprays of heart-shaped pink and white flowers; very ornamental and bloom freely throughout the season. Hardy. Each, 25c.

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 double and large. Scarlet, and White. Either color, each, 20c.; doz., \$2.00.

Campanula (Canterbury Bells)

Showy flowers, mostly in blue. Easy to grow; in bloom a long time. (See illustration).

Calycanthema (Cup and Saucer)

—Large blue, white or purple flowers.

Persicifolia (Peach Bells)—Produces an abundance of blue salver-shaped flowers during June and July.

Persicifolia Alba—Pure white. Above, each, 10c.; doz., \$1.00.

Chrysanthemums

HARDY POMPONE—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 for a number of years. They are desirable as just at the close of the season, when all other blooming plants are falling then these little "Mums" come out in wonderful profusion and may be gathered by the armful.

Baby—Lemon-yellow.

Flora—Golden-yellow.

Gold Finch—Gold, striped red.

Jack—Magenta.

Little Dot—Mahogany.

Nellie Bly—Purplish lilac.

Nina—Golden.

Soeur Melanie—Large, pure white.

Tiber—Crimson-brown, yellow tips.

White Flora—White.

Above, each, 10c.; any 6 for 50c.

PRINCESS HENEY—(*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 shape and very decorative; flowers large; splendid for cut-flowers. Not particular as to soil; comes up every Summer in the same beauty for many years. Each, 10c.; doz., \$1.00.



Campanula (Canterbury Bells)

COREOPSIS LANCEOLATA

A beautiful hardy border plant 15 to 18 inches high; bright golden-yellow flowers in great profusion the entire season. Each, 10c.; doz., \$1.00.

Digitalis (Foxglove)

Gloxinoides—A choice variety, dignified and stately. (See illustration.) The strong flower-stalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden. Mixed Colors—Each, 10c.; doz., \$1.00.

EULALIA

Beautiful tall-growing ornamental grass for use on lawns or in borders or as screens. Perfectly hardy. Grows 8 feet high and in large clumps.

Zebrina—One of the finest and most distinct. Beautiful green leaves, crossed at regular distances with broad bands of orange-yellow. They produce fine large plumes—50 to 100—when two years old; hardy.

Variegata—Growth similar to Zebrina, but variation in colors of the leaves run lengthwise, making a very striking contrast when planted together.

Univittata—Narrow dark green foliage; white mid-rib; very fine.

Above, each, 15c.; doz., \$1.50. The Set of 3 Eulalias for 40c.

Funkia (Day Lily)

Also called **Plantain 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. Fine for cemetery.

Cordata (White Plantain Lily)—A handsome, showy plant with beautiful broad yellowish green leaves. Its Lily-shaped flowers are waxy-white, very fragrant.

Variegata—Leaves 8 to 10 inches long, 2 to 3 inches wide, beautifully variegated yellow and green. Flowers deep blue.

Coerulea—Bloom dark blue; broad, glossy foliage.

Aurea Maculata—Young foliage in spring is a bright yellow color.

Above, each, 15c.; doz., \$1.50. The Set of 4 for 50c.

Gaillardia Grandiflora (Blanket Flower)

Of all hardy plants the Gaillardia is very satisfactory. Begins to bloom in early Summer and continues until after first frosts. Perfectly hardy. Flowers 2 to 3 inches across, with center of brownish-red, while petals are shaded into rings of orange, crimson and red. Stems long; grand for cutting; does well in any soil. (See illustration on page 75). Each, 10c.; doz., \$1.00.

GYPSOPHILA (Baby's Breath)

A very graceful perennial. When in bloom it forms a symmetrical mass of foliage about two 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.

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.; 2 for 25c.

Hollyhocks

For planting in masses by itself, or as a background for lower growing plants, the Hollyhock plant cannot be dispensed with. Once planted they keep coming up year after year. Can supply the following **SEPARATE COLORS**—White, Lemon, Pink, Red and 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.; dozen,

\$1.50.



Iris
Kämpferi
(Japanese Iris.)



Digitalis (Foxglove). Each, 15c.

DELPHINIUM (Hardy Larkspur)

These old-fashioned flowers are now being used with telling effect in both private and public grounds. About the only blue hardy flower of any note, and have a long season of bloom if seed pods are not allowed to form. (See illustration on page 73). Our strain embraces all shades of blue and purple. Each, 15c.; doz., \$1.50.

Iris, Kämpferi Japanese Iris

A superb variety from Japan. Flowers of immense size, of the most beautiful and delicate shades; perfectly hardy; flowers in great profusion. Well established plants give a dozen or more flower-producing stalks. Thrives best in moist soil; if this cannot be had, water freely while growing and flowering. (See illustration).

"Plus 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-hotaru"—Rich royal purple. Double.

Above Iris, each, 25c; doz. \$2.50. The 8 for \$1.60.

Double Varieties, mixed, each, 15c.; doz. \$1.50.

Single Varieties, mixed, each, 15c.; doz., \$1.50.

GERMAN IRIS—Blooms several weeks before the Japanese; flowers are smaller but equally as rich in color.

Mixed German Varieties, each, 10c; doz. \$1.

Collection of 6 Distinct German Varieties for 75c.

Lily of the Valley

No garden is complete without a few of these fragrant flowers, which are such universal favorites as to need no description. Each 5c; 6 for 25c; doz. 40c. Strong Clumps, each, 30c.

LYCHNIS

Chalcedonica—A strong vigorous grower, making large clumps of almost evergreen foliage. Blooms in early June and continues for six weeks or more; flowers double, bright crimson; useful for cutting; the finest red-flowered hardy perennial. Each, 10c.; doz., \$1.00.

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 prefer rich, moist locations, even if in shallow water. Each, 10c.; doz. \$1.00.

Livingston's Superb Peonies

The Most Popular of all Hardy Perennials
The Royal Flower of China

Among our many hardy plants the Peony stands the grandest and noblest of all, surpassing in some of the newer kinds, even the magnificence of the rose. In size and form of flowers, range of colors and fragrance it is unequalled. In no other class of flowers has there been such wonderful improvement of late years, bringing the Peony up to such a plane of excellence that it is now one of the foremost leaders in popular favor, and as the great beauty of the improved varieties become more generally known, every garden will contain a collection. Aside from their superb flowers and stately habit of growth, they have many most desirable qualities. They are absolutely hardy everywhere, are not troubled by any disease or insect pest, and when once planted are no further trouble, but take care of themselves, increasing in size and beauty each year.

Peonies 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 ensure 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 Peonies, which we offer at practically wholesale prices.

Choice Named Peonies

- Arthemise—Soft lilac pink; large bloom, late. Each, 50c.
 Alexander Dumas—Rose and cream variegated; very free flowering; early; fragrant. Each, 50c.
 Agnes Marie Kelway—Creamy white and rose. 30c.
 Charlemagne—Immense bloom; creamy white; center light lilac; late; exceptionally fine. Each, 50c.
 Delacheii—Rich deep crimson; very late. 50c.
 Delicatissima—Rose changing to white; late. Each, 75c.
 Edulis Superba—Clear pink, striped white. Each, 35c.
 Felix Crousse—Brilliant ruby red; large full ball-shaped bloom; very bright and desirable; midseason. Each, 75c.
 Festiva Maxima—The grandest of all white varieties; has a few small flakes of red near the center. Exceedingly rich and rare. Of large size and exquisite form. (See illustration.) Each, 50c.
 Golden Harvest—Center white with carmine tips; color, clear yellow; guard petals pink; nearest approach to a yellow Peony. Each, 60c.
 Giganthea—Delicate rose-pink; tipped with silvery white; free bloomer. Very fragrant; choice and rare. Each, \$1.25.
 Livingston—Solid delicate pink with no guard petals; several blooms on a stem; free flowering; late. Winner of many prizes. One of the best pinks; very rare. Each, \$1.50.
 Mons Jules Elle—Immense perfect globular flowers; on long strong stems; glossy flesh pink, shading to rose at base. Free bloomer. Splendid for cut-flowers; midseason. Each, 75c.
 Modele de Perfection—Flesh-pink, marked with bright silvery rose; enormous full flowers; late. Ea. 50c.
 Marie Lemoine—Enormous sulphur white blooms; delicately shaded pink and chamois. A magnificent sort; very scarce; late. Each, 75c.
 Queen Victoria—Pure white, with yellow center. Each, 25c.
 Richardson's Rubra Superba—Late; dark crimson, without stamens; rich and massive. Each, 50c.
 Rubra Triumphans—Intense crimson; early; very sweet; petals large; flower semi-double and elegant. Each, 35c.

COLLECTION—One each of the above 18 Choice Named Peonies, by Express, purchaser paying charges, \$8.50.

Peony Festiva Maxima. Each, 50c.

Livingston's Popular Peony Collection

The three beautiful Peonies in this collection are especially desirable. All are strong growers and produce in great abundance, very large, full, perfectly double flowers which are delightfully fragrant and very brilliant in color effect. They are the earliest blooming Peonies in cultivation, coming into bloom from ten days to two weeks before other sorts.

Officinalis Alba Mutabilis (Japan)—Very large, full, well formed bloom, opening a bluish white and changing to ivory white. Each, 20c.; doz., \$2.00, postpaid.

Officinalis Rosea (Japan)—Mammoth flowers of perfect form, very full and double. Color beautiful rose-pink. Extremely brilliant and effective. Each, 20c.; doz., \$2.00, postpaid.

Officinalis Rubra (Japan)—Magnificent brilliant glowing deep crimson; very striking. Each, 20c.; doz., \$2.00, postpaid.

PRICE: "Livingston's Popular Peony Collection"—One each of the three beautiful Peonies, described above, 50c., delivered anywhere in the U. S. By Express, purchaser paying charges, above Peonies, \$16.00 per 100 roots; 25 at 100 rate.

Livingston's Peonies in Distinct Colors

Shades, all double varieties, as follows—Each, 20c.; 3 for 50c.; dozen, \$2.00, postpaid. By Express, purchaser paying charges, 15c. each; doz., \$1.50; per 100, \$12.00.

LIVINGSTON'S "REGAL" PEONY COLLECTION

Duchess de Nemours—Sulphur white, changing to pure white; one of the best white varieties; late. Each, 50c.
Irma—Exquisitely dainty bluish pink; full flower. Each, 25c.
Linne—A large, very double, bright cherry red flower. Free bloomer, excellent. Each, 50c.
PRICE—Livingston's "Regal" Peony Collection, one of each above, 5 splendid sorts, \$2.00, postpaid.

Melssonier—Rich, deep crimson, flower large and very full. Remarkable for its wonderfully rich brilliant coloring. Late; very fine. Each, \$1.00.
Mme. Ducel—Brilliant pink with silvery reflex. Large perfect-globular bloom; very fine; mid-season. Each, 75c.

Livingston's Hardy Perennial Phloxes

(Phlox Decussata)

We take great pride in our superb collection of Hardy Phloxes. At our True Blue Nurseries we grow several acres of Phlox and have an unequalled opportunity of comparing them as they grow side by side in the field. After careful study of hundreds of different varieties we selected the kinds offered on this page as the very best of all the Hardy Phlox.

Hardy Phloxes have always been much prized for their easy culture and elegant bloom, but never were these plants so popular and universally planted as at present. Every succeeding year they improve in elegance of bloom, which continues from early in the Summer until late in the Autumn. If the faded flowers are removed, the quantity of succeeding flowers is increased. They will thrive in almost any situation in the hardy border, in large groups or beds on the lawn and in front of shrubbery. Fine for cutting.

CHOICE NAMED PHLOX

Aquillon—Brilliant rose; crimson eye.
Amabilis—A grand variety; in color a beautiful deep cherry red.
Andreas Hofer—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.
Eclairneur—Extra fine purplish-crimson; free bloomer; early.
Eiffel Tower—Clear salmon, with purple eye; very showy.
Flora McNab—Pure snow white; free flowering; late.
Jeanne d'Arc—A late flowering pure white; splendid flower.
La Vague—Pure mauve with claret eye. A superb, large flowering sort; wonderfully free bloomer. Considered by many the best Phlox in cultivation.
Mrs. Jenkins—A new exceedingly fine, pure white variety. Extra large panicles. Early; free flowering.
Miss Lingard—Pure white; one of the earliest to bloom; very large truss.
Neptune—In color a pure, pink; very elegant and desirable.
Pantheon—Bright carmine rose; flowers and panicles very large. A strong grower, free bloomer; one of the best. (See illustration).
Purity—Pure white; very large truss of flowers; extra.
E. P. Struthers—Rosy salmon, carmine eye; very fine.
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 different varieties, \$2.00, postpaid. By express, purchaser paying charges, \$10.00 per 100; 25 at the 100 rate.



Hardy Phlox, Pantheon.

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 clumps, each, 10c.; doz., \$1.00, postpaid. By Express, purchaser paying charges, per 100, \$7.00.

Pinks Hardy Garden

Perfectly hardy without protection. Foliage a beautiful metallic shade of bluish green. Flowers remain out a long time.
Jubilate—White laced crimson, very dainty and desirable.
Diamond—A fine extra early flowering, fringed white.
Her Majesty—Large white, fringed, double; long, stiff stems.
Bomer—Bright rosy-red, with center of bloom of darker shade.
May Pink—The old-fashioned hardy garden pink.
Souvenir de Sale—Flowers delicate soft rosy-pink; large as a Carnation; of beautiful form, very double; fine for cutting.
Above, each, 15c.; doz., \$1.50. The Set of 6 for 75c.

Platycodon Grandiflorum

(Chinese Bell-Flowers)

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—Star-shaped, cupped white flowers. 1 1/2 ft.
Grandiflorum Mariesi—Deep blue, bell-shaped flowers, 3 inches across. 1 foot high.
Above, each, 15c.; 2 for 25c.; doz., \$1.50.

Poppies (Papaver)

Everyone loves hardy Poppies; they are so free-flowering and make such gorgeous displays of large and vividly brilliant flowers. Their culture on the other hand is most easy.

ORIENTALE (Oriental Poppy)—The great flaming flowers have a sheen and texture of scarlet satin. For gorgeous effect, nothing can equal the Oriental Poppies; and, whether planted singly or in masses, their superb, brilliantly rich colored flowers, of intense scarlet with black blotches, always attract universal admiration. They bloom with great freedom, are of enormous size, and perfectly hardy. Without them in your garden you will miss indeed a gorgeous display of color. **Fine plants, each, 15c.; doz., \$1.50.**

Rudbeckia

Golden Glow—A grand, good, hardy, herbaceous plant of easy culture. Averages five to six 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 its rich dark-green foliage. Fine for center of beds, along fences or as background.

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 ins. across, reddish purple, brown cone-shaped center studded with golden tips. 2½ ft. **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; Being perfectly hardy, they bloom better and more abundantly each season, the blooming period lasting a long time. They are not particular as to soil. The flowers are extremely large and graceful—averaging about three inches across, with three or more rows of petals of the purest glistening whiteness, on single stems often two feet in length. (See illustration.) **Fine plants, each, 10c.; doz., \$1.00.**



Shasta Daisies. Each, 10c.

Stokesia Cyanea (The Cornflower, or Stokes' 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 three or four inches in diameter, from early in July 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. The flowers are one of the finest for cutting. **Fine plants, each, 10c.; doz. \$1.00.**

Sunflower

Hardy plants; are used effectively in shrubby border or clumps on lawns; free bloomers; do well on any soil. **Multiflorus Maximus**—Grows 5 to 6 feet; large single golden flowers, six inches across; blooms from July until September. Fine.

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, Aug. and Sept. 4 feet.

Above, each, 15c.; any 3 for 40c.

Tritomas (Red Hot Poker, Flame Flower) or 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. Its intensely brilliant blooms are splendid as cut-flowers.

Uvaria Grandiflora—The old-fashioned late-flowering sort; spikes 3 to 5 feet high, flowers rich ochre-red, passing to salmon-pink. **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.**

Pfitzerii—The true Everblooming Flame Flower. Blooms practically all Summer; four feet high, with heads of bloom a foot long. A very rich orange-scarlet, shading to salmon-rose at edges. Really grand plant. **Each, 15c.**

Violets, Double Russian

Perfectly hardy; should be planted in open ground, needing no protection during Winter. The flowers are large, very double, deliciously fragrant, and of a deep shade of purple. Blooms in immense masses, the plants being almost covered with flowers for about four weeks. **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 entire year; flower stem three to four feet high, bearing a large spike of cream-white, bell-shaped flowers that retain their beauty and fragrance a long time; in fact, through June and July. A fine plant for cemetery, lawns, background of beds and borders, as it is perfectly hardy. (See illustration.) **Good roots, each, 25c.; doz., \$2.50.**



Yucca Filamentosa Each, 25c.



Hardy Nymphaea, Marliacea rosea.

Livingston's SUPER B Hardy Nymphaeas (Water Lilies)

The use of Aquatics is becoming more extended every year, as the ease of culture and great beauty of the flowers and plants is better known. Naturally they grow in ponds or sluggish streams but these conditions can be easily simulated in artificial ponds or tubs and the results 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. May be successfully grown in the open air in tubs. Oil barrels cut in two make inexpensive tubs. Put in the loam to the depth of six or eight inches and plant the roots, barely covering them. Put on about two inches of sand to prevent manure rising to the top. Fill in six inches of water, set in a sunny place, adding water gradually until the tub is full by the time the leaves have covered the surface. Keep the tub full of water. In the Winter drain off water and remove to a cool-cellar or keep from hard freezing by covering with leaves. We make a specialty of growing the choicer sorts of Nymphaeas, and at our True Blue Nurseries have two large artificial lakes devoted entirely to their culture.

RARE AND CHOICE HARDY NYMPHAEAS

James Brydon—A new distinct and very superior sort. Beautiful cup-shaped flowers large, pure white, with extra broad petals, concave and incurving, color rich rosy crimson, reverse of petals having a silvery sheen. A free and continuous bloomer, and just as desirable for growing in tubs as in the pond. **Each, \$2.50.**

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.**

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; a free grower and continuous bloomer. **Each, \$1.00.**

Lucida—Of free growth and a good bloomer. Large, star-shaped flowers of rosy vermillion, with darker centre and orange stamens, leaves blotched reddish brown; a magnificent variety. **Each, \$2.00.**

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. A 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 centre, 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 very best pink bardy Water Lilies. (See cut.) **Each, \$1.00; doz., \$10.00.**

Marliacea Albida—Flowers large, of dazzling whiteness, stamens light yellow, sepals flushed pink; produces freely and continuously through the season; fragrant and very desirable. **Each, 50c.; doz., \$5.**

Marliacea Chromatella—A 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. The foliage is dark red on the under side and deep green, spotted with chocolate on the 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 and very double, the stamens being converted into petals which are more or less fluted in the centre. The flowers stand well above the water. We consider this one of our finest varieties. The immense ball-like flowers, eight inches in diameter, are the finest of all white Water Lilies. **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 a tuft of long, thread-like leaves, which give the plant a graceful and striking appearance. Does well in shallow water with rich soil. It will also flourish and make a fine clump in the garden, with no more water than Cannabis require. **Each, 25c.**

Peltandra Virginica (Water Arum)—Leaves something like a Calla in outline, with greenish flowers, a foot above the water. **15c.**

Jussiaea Longifolia—A very attractive aquatic 2 to 3 feet high. Erect, slightly drooping at the points, and producing numerous axillary flowers of a rich golden-yellow. A splendid plant for tubs or planting on edge of pond. **Each, 25c.; doz., \$2.50.**

Pontederia Cordata (Pickerel Weed)—A fine free-flowering plant, growing about two feet high, and producing large pikes 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 and light stems; of quick growth. A splendid Aquarium plant. **Each, 15c.**

Cabomba Viridifolia (Washington Grass)—A pretty submerged plant; leaves delicate and fernlike, brilliant, glossy green. **Per bunch, 10c.**

Water Hyacinth (Eichhornia Crassipes Major)—Free-growing, floating aquatic, flowers; a delicate lilac-rose in trusses like a Hyacinth. **Each, 15c.**

Limnocharis Humboldtii (The Water Poppy)—A beautiful little aquatic, with floating leaves and yellow, poppy-like flowers; **Each, 15c.**

Ludwigia Mulertii—A submerged plant. Small leaves, green above and pink on the under side, very attractive. **Each, 25c.**

Myriophyllum Proserpinacoides (Parrot's Feather)—Long, trailing stems, clothed with whorls of the most exquisite delicate foliage. **Each, 10c.**

Umbrella Plant (Cyperus alternifolius)—Easily grown; fine dark green umbrella-like foliage. **Each, 15c.**

Livingston's Choice Hardy Climbers

Instructive leaflet on
Hardy Climbing Plants
sent free to customers on
request.

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., postpaid.**

APIOS TUBEROSA

A Hardy Climber. (Also called **Tuberous Rooted Wistaria**, as it greatly resembles that well-known vine.)

Blooms most profusely, bearing lovely clusters of rich, deep purple flowers, possessing a delicious violet fragrance. Perfectly hardy. If convenient, plant several bulbs closely together to produce a large mass of foliage and flowers. **Bulbs, each, 5c.; 5 for 20c.; doz., 40c.**

Aristolochia Siphon (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; splendid for archways or verandas. The leaves retain their light green color until late in the Fall. **Strong Plants, each, 40c.; 2 for 75c., postpaid.**

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. Quite hardy, but requires a slight protection in Winter in our climate. (See illustration.) **Strong Plants, each, 20c.; 3 for 50c., postpaid.**

CLIMBING ROSES—See page 107.



Ampelopsis Veitchii, Boston or Japanese Ivy.

Bignonia (Trumpet Creeper)

A rapid growing climber with long trumpet-shaped flowers; very hardy and showy.

GRANDIFLORA—Large-flowered, and blooms profusely, bearing blooms of an orange-red. A stout and rapid climber that ascends to great heights and makes a picturesque covering for tree trunks, ruined buildings or rocks. **Each, 25c., postpaid.**

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 of 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 below are those best adapted to our climate.

PANICULATA (Sweet-scented Japan Clematis)—One of the finest hardy climbers. Of rapid growth, quickly covering trellises and arches 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., \$2.00, postpaid.**

COCCINEA—Bears small bell-shaped, bright red flowers in great abundance. Blooms all season from June. **Each, 20c.; 2 for 35c., postpaid.**

LARGE-FLOWERING CLEMATIS

JACKMANI—Flowers dark, rich, royal purple; very free bloomer; 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, postpaid.

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, postpaid.**



Clematis Paniculata. Each, 20c.

We are engaged very extensively in the growing of hardy vines, plants and shrubs, and at our True Blue Nurseries devote a large acreage to their production. Our soil is especially adapted to the growing of sturdy stock with strong fibrous roots.

Honeysuckle

Among the most desirable hardy climbers. Grows with great freedom in any garden soil. Very desirable for porches. When trained to wire fence makes a good hedge.

Hall's Japan (Halliana)—An evergreen variety from Japan, frequently the leaves remaining on the vine until January. Flowers pure white, changing to yellow. Very fragrant. A strong grower, and a Summer and Autumn bloomer. (See illustration). One of the best plants for covering low walls, fences, embankments or porch trellises.

Japan Golden-Veined (Japonica aurea reticulata)—Of great value for its highly ornamental foliage, which is veined or netted with golden-yellow, and remains nearly all Winter. The flowers are large and of a delicate peach color.

Heckroth—Has yellow-throated, deep crimson flowers which are produced in great abundance.

Above, each, 20c.; the 3 for 50c.; doz., \$2.00, postpaid.

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. **Plants, each, 15c.; 2 for 25c., postpaid. Large Plants, by Express, each, 25c.; 2 for 45c.**

Kudzu Vine (Jack-and-the-Bean-Stalk-Vine)

The phenomenal growth of this new Chinese hardy vine can hardly be imagined—sometimes 12 inches a day. The large leaves of bright green afford a dense shade. The clusters of rosy-purple, pea-shape flowers, six or seven 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, postpaid.**

CINNAMON VINE—see page 96.



Honeysuckle, Hall's Japan.

Virginia Creeper

(*Ampelopsis Quinquefolia*)

Also called **American Woodbine**—Extremely hardy, rapid grower. Splendid for covering walls, old trees, etc. Foliage assumes beautiful shades in the Fall. **Each, 20c.; 3 for 50c., postpaid.**

Wistaria

Very popular; hardy, rapidly growing up to 50 feet or more. It flowers early in Spring; when in bloom is truly magnificent. Flowers in masses like a bunch of grapes.

Sinensis—Chinese Blue Wistaria. 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). **Strong heavy roots, each, 35c.; doz. \$3.50, postpaid. Extra large strong roots, by express, not prepaid, each, 75c.**

Sinensis alba—Chinese White Wistaria. 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.; doz., \$5.00, postpaid. Extra large strong roots, by express, not prepaid, each, 75c.**

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 to be very reasonable.

STANDARD OR TREE SHAPED BAY TREES.

Prices of Bay Trees are by express, not prepaid.
Stems 3 feet, heads 18 inches in diam., each, \$6.00; pair, \$11.50.
Stems 3 to 4 ft., heads 22 ins. in diam., each, \$9.00; pair, \$17.00.
Stems 4 ft., heads 28 inches in diam., each, \$12.00; pair, \$23.00.
Stems 4 ft., heads 32 inches in diam., each, \$15.00; pair, \$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.**



Wistaria Sinensis (Chinese Blue).

Boxwood

There is no hardy shrub which is more widely known than the Boxwood. 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.

Prices of Boxwood are by express, purchaser paying transportation charges.
2 feet high, each \$1.25, pair \$2.00.
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 a fine 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 catalogue, but we will be glad to give full particulars in response to letters of inquiry.

Choice 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, hence if generally planted there will be no lack in this respect; we grow these shrubs largely at our **True Blue Nurseries**, and, are therefore, able to furnish first quality stock in every respect. 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 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.

At prices quoted we send all Hardy Ornamental Shrubs by mail, postpaid, unless otherwise noted. Hardy Ornamental Shrubs will be sent on receipt of orders, or as soon after as they can be dug, unless instructed to the contrary. Only small stock can be mailed. State plainly how you wish goods sent. By Express or Freight, purchaser paying charges, we are able, and will give you much greater value for the same money.

Althea (Rose of Sharon)

(7) Strong, erect-growing shrubs of the easiest culture. Bears large and showy flowers in early Fall. Very desirable as an ornamental hedge plant, also on account of flowering when few other shrubs are in bloom.

Totus Alba—Single white. **Eubra Plena**—Double Rose.
Above, each, 25 cents.

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, nankèen, rose, lemon, carmine, salmon and orange-red. (See illustration).

These plants are from 18 to 24 ins. high and have a ball of earth around the roots. Prices quoted are by express, purchaser paying charges. Fine plants, well set with buds, in assorted colors. Each, 50c.; 4 for \$1.50.

Barberry (Berberis)

Used as hedge plants very extensively; they make nice specimen plants when planted single or in groups in the lawn. More hardy than California Privet. See page 119 for prices of large quantities for hedges.

Thunbergii—(3) A very pretty variety, of dwarf, graceful habit; foliage small, changing to a beautiful bright red early in Fall; very showy. Each, 20c.; doz., \$2.00.

Purple-Leaved—(3) Foliage violet color. Each, 25c.; doz., \$2.50.

Holly-Leaved—(3) This variety has large dark green leaves which remain on the plant until well into winter. Each, 35c.; doz., \$3.50.

Calycanthus Floridus (Alspice or Sweet Shrub)

(4) An old-fashioned favorite. Grows in shade of full sun. Chocolate colored flowers of agreeable fragrance. Each, 25c.; doz., \$2.50.

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, before the leaves, and cover every branch with bright glossy green foliage all Summer. Splendid hedge plant. Each, 25c.

See page 119 for prices of large quantities for hedges



Azalea Mollis. Each, 50c.

Cornus (Dogwood)

Sanguinea (Red Branched)—(4) A strong growing shrub, with clusters of fine white flowers, stems and branches turning blood-red in Winter. Each, 20c.; doz., \$2.00.

CALIFORNIA PRIVET—See Hedge Plants, page 119.

Deutzia

Recommended for hardiness, good habit, great profusion of bloom, and as being in every respect one of the most desirable hardy shrubs in cultivation. The flowers are borne in racemes from 4 to 6 inches in length.

Candidissima—(5) Very fine double white; free flowering. Most popular.

Crenata, Pride of Rochester—(5) A distinct large flowered, double white variety; a vigorous bushy shrub; 6 ft. very fine. (See illustration)

Crenata flora pleno—(5) Flowers double white, back of petals pinkish. Very showy.

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 newest and best.

Above, each 25c; doz. \$2.50

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, has a sharp, pleasant flavor. Each, 25c.; doz., \$2.50.

Deutzia Crenata, Pride of Rochester. Each, 25c.

Exochorda Grandiflora (The 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.

Viridissima—(1) Very early; bloom yellow; dark green foliage. A handsome shrub, native of China. Each, 25c.; doz., \$2.50.

Fringe (Smoke Bush)

(3) Large shrub, admired on account of its feathery bloom, which covers the plant like a cloud of smoke. We supply **Purple, or White**. These bushes are too large to be mailed and are sent by express only, purchaser paying charges. Each, 25c.; doz., \$2.50.

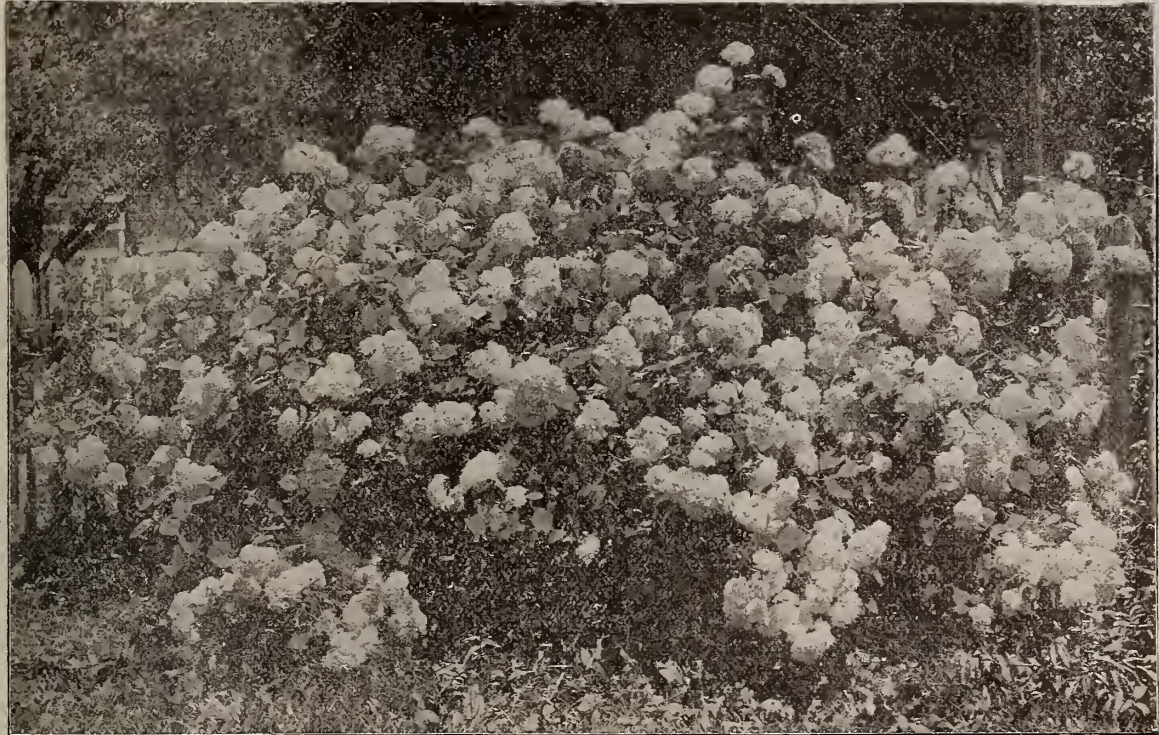
Bush Honeysuckle (Lonicera Tartarica Grandiflora)

Very hardy and easily grown. Of vigorous growth and fine foliage. Flowers pink, striped with white; and sweet scented. Another attraction is the brilliant red berries that follow after the flowers are past. (See illustration). Each, 25c.; doz., \$2.50.

For Climbing Honeysuckles, see page 115.



Bush Honeysuckle, Lonicera Tartarica Grandiflora. Each, 25c.



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 snow-white color, are produced in marvelous profusion covering the bush with a magnificent mass of glistening pure white flowers. (See illustration above from a photograph taken July 4th.) The foliage is finely finished, lacking entirely 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—as there is no shrub so grandly decorative.

The large heads of bloom are superbly attractive, and the habit of the plant is excellent. This splendid hardy shrub is bound to become most widely grown just as soon as its great value becomes known. We have a fine stock of this valuable shrub growing in our True Blue Nurseries and can offer them to you at the following very reasonable prices:

PRICES Magnificent New Hardy Hydrangea—Strong Plants, each, 25c.; doz., \$2.50. Large Field-Grown Plants, each, 50c.; doz., \$5.00, delivered free in U. S. By Express, not prepaid, doz., \$4.25.

Livingston's Special Hardy Shrub Collection

WEIGELIA, Abel Carriere—A beautiful continuous bloomer. See description on page 119.

HYDRANGEA, Paniculata Grandiflora—Probably the most popular shrub in cultivation, described and illustrated on page 118.

DEUTZIA CRENATA, Pride of Rochester—A valuable and beautiful shrub, illustrated and described on page 116.

SYMPHORICARPOS, Coral Berry or Indian Currant—A splendid showy shrub. See description on page 119.

VIBURNUM, Opulus Sterile—This grand hardy shrub is an old-time favorite, and without a doubt the best Snowball shrub. Described on page 118.

Price The above five splendid shrubs, \$1.00, by mail, postpaid. By express, purchaser paying charges, we will send larger and stronger plants for the same money.

EXTRA LARGE SPECIMEN SHRUBS, 3 to 4 feet high, with large ball of soil carefully wrapped in burlap and ready to go ahead growing without check, by express, purchaser paying transportation charges, \$2.00.



Hedge Hydrangea Paniculata Grandiflora.

Hydrangea

(Paniculata Grandiflora)

(7) One of the most popular shrubs in cultivation today. Growing singly they make magnificent ornaments for the lawn, but their full beauty can only be realized when they are planted in masses or hedges. (See illustration). Planted thus in groups they are truly regal in their splendor. When set out in groups they should be about 2 feet apart. The soil should be made very rich with well rotted stable manure. In the Spring trim so as to leave only about 3 inches of the previous season's growth. If extra large flowers are desired, after growth has commenced, trim out some of the weaker shoots. Hydrangeas treated in this manner will produce a solid mass of immense pinacles of bloom. They are absolutely hardy and once planted are a permanent delight to your grounds. Our field-grown bushes will bloom the same season as planted.

Strong plants, each 15c; doz. \$1.50. Extra large, field-grown plants, with strong canes cut back to about 2 feet high, each, 25c.; doz., \$2.50, by mail, postpaid. By Express, not prepaid, doz., \$2.00; 100, \$15.00.

Japanese Maple

(Acer Polymorphum)

These beautiful dwarf trees are now beginning to be appreciated, and are being more largely planted every year. The variegation and intense colors of the leaves are truly wonderful. Perfectly hardy.

Atropureum—Maroon colored leaves.

Aureum—Bright yellow leaves.

Atro Dissectum—Purplish-red colored, finely cut leaves.

Above, fine plants 12 to 18 ins. high, each, 50c.; one of each kind, \$1.25.

Kerria (6) Japonica fl. pl.—An attractive shrub; slender green branches; double, showy yellow flowers. Each, 25c.

Lilac (Syringa) This well known flower needs no description. Grows freely and blooms profusely, even on poor soil.

Mme. Lemoine—(2) A splendid double white variety; a good grower, and fine in every way. This bush is too large to be mailed, and is sent only by express, purchaser paying charges. Each, 35c.; doz., \$3.50.

Japonica—(2) The only one having tree form. Flowers white, showy, in plumes 18 to 20 inches long. Very handsome when in bloom. Each, 35c.; doz., \$3.50.

Purple—(2) The old purple variety. Each, 25c.; doz., \$2.50.

White—(2) The old white variety. Each, 35c.; doz., \$3.50.

Philadelphia (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 of grandmother's garden.

Lemcine—(4) An upright growing variety; with small white, fragrant flowers. Above, each, 25c.; doz., \$2.50.

THE NEW SPOTTED MOCK ORANGE (Philadelphia Purpurea Maculatus) A perfectly hardy shrub; grows compact and bushy; in color, white, spotted a most beautiful rosy crimson. Deserves a place in every garden.

(4) This most charming and unique hardy shrub is the result of a cross effected by the renowned French hybridizer, Victor Lemoine, to whom we are indebted for many of the best flowering shrubs introduced in recent years. It is most distinct in color; all varieties heretofore, while of many different forms, have been white; but in this new sort there is a most marked rosy-crimson spot at the base of each of its four white petals. (See illustration.) The plant itself is a strong, vigorous, and at the same time a compact grower, forming a bush about three feet in height. Altogether, with its large, handsome flowers, is deserving of a place in your garden. Strong plants, each, 25c.; doz., \$2.50.

Snowball (Viburnum)

One of the grandest shrubs. Growth upright and compact; 6 to 8 feet high. 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; purest white, very showy. Perhaps the best May-flowering hardy shrub. Each, 35c.; d.z., \$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.

Remember THE PRICES on all Shrubs are postpaid, by mail, unless otherwise quoted. If ordered sent by express, purchaser paying charges, we will send larger plants for the same money.



New Spotted Mock Orange.

Rhododendrons (Hardy Hybrid)

(3) These are among our grandest evergreen shrubs and since the introduction of the hardy varieties are being very generally planted. Both in flower 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). Choice named varieties, large, well-shaped plants with 12 to 25 buds.

Album Elegans—Pure white.

Roseum Elegans—Clear rose.

Parsons Gloriosa—Blush pink.

Fastuosum fl. pl.—Rosy purple.

Caractacus—Rich deep crimson.

Price, above, \$1.50 each. The five for \$6.50,

by Express, not prepaid.

Spiraea

Anthony Waterer—(6) A splendid bright crimson. Good foliage; most desirable for shrubby borders as it does not grow over 2½ feet high.

Prunifolia—(Bridal Wreath)—(3) Double white.

Billardi—(5) Dense panicles of rich pink flowers.

Taunbergi—(1) A dwarf compact bush. A perfect globe of white flowers when in bloom.

Van Houttei—(4) A vigorous bush that curves gracefully towards the ground; covered the last of May or in June with pure white bloom. Makes beautiful hedges. (See illustration.)

Above, each, 25c.; doz., \$2.50.



Rhododendrons, Hardy Hybrid. Each, \$1.50.

Hedge Plants

Hedge Plants are sent by Express or Freight at customer's expense. Special rates on large quantities.

PRIVET

California—Unsurpassed for hedges. The foliage is a handsome shade of deep green and almost evergreen. Leaves oval shaped and of medium size. It will stand an immense amount of wind. Will grow to a height of 6 feet, but can be pruned down very easily; the more it is cut back the thicker and handsomer it grows. (See illustration.) **PRICE**—1 YEAR, well branched and thrifty, 12 to 15 inches, 65c. per doz., \$2.75 per 100; 15 to 18 inches, 75c. doz., \$3.50 per 100; 18 to 24 inches, 85c. per doz., \$4.50 per 100; 24 to 30 inches, \$1.00 per doz., \$5.50 per 100. 2 YEAR, extra heavy, thickly branched, 15 to 18 in., \$1.00 per doz., \$5.50 per 100; 24 to 30 in., \$1.25 per doz., \$6.50 per 100; 30 to 36 in., \$1.50 per doz., \$8.00 per 100. Specimens, 25c. to 75c. each.

Amoor River—Finer, lighter green foliage than above. 15 to 18 in., \$1.00 per doz., \$6.00 per 100; 18 to 24 in., \$1.50 per doz., \$10.00 per 100; 24 to 30 in., \$2.00 per doz., \$15.00 per 100. **Regal's Privet**—Very dense, symmetrical plant. 12 to 15 in., \$1.00 per doz.; 15 to 18 in., \$1.50 per doz.; 18 to 24 in., \$2.00 per doz. Specimens, 25c. to 75c. each.

BERBERIS THUNBERGII—One of the best low growing hedge plants; height, about 3 feet. Leaves small and oval, dark shiny green. Flowers yellow, succeeded by scarlet fruit. **Strong, well branched plants**, 12 to 15 in., \$1.25 per doz., \$6.00 per 100; 15 to 18 in., \$1.50 per doz., \$9.00 per 100; 18 to 24 in., \$2.00 doz., \$15.00 per 100.

JAPAN QUINCE—Excellent flowering hedge plant with dark green foliage and brilliant scarlet berries. Rapid growth, height 5 to 6 feet. Stands hard pruning well. **Doz., \$1.50; 100, \$10.00.**

ROSA RUGOSA—A superb hedge plant where both foliage and flowers are desired. We have single red and white varieties and double red. Price, above, 2-year-old plants, doz., \$3.00; 100, \$20.00.



Spiraea, Van Houttei. Each, 25c.

Sumac (Rhus) A fine spreading low-growing shrub. **Glabra Laciniata**—A splendid variety; finely divided leaves, which turns to crimson in the Fall. **Each, 35c.; doz. \$3.50.**

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.**

Snowberry (Symphoricarpos racemous)—Pinkish white flowers, similar to above, but whiteberries. **Each, 25c.**

Tamarix Africana

(3) A strong, upright grower; feathery foliage like asparagus; red fringed flowers. **Each, 25c.; doz., \$2.50.**

Weigelia

Handsome shrubs, with trumpet-shaped flowers, borne in clusters.

Abel Carriere—(6) Carmine rose, yellow throat; very fine, distinct.

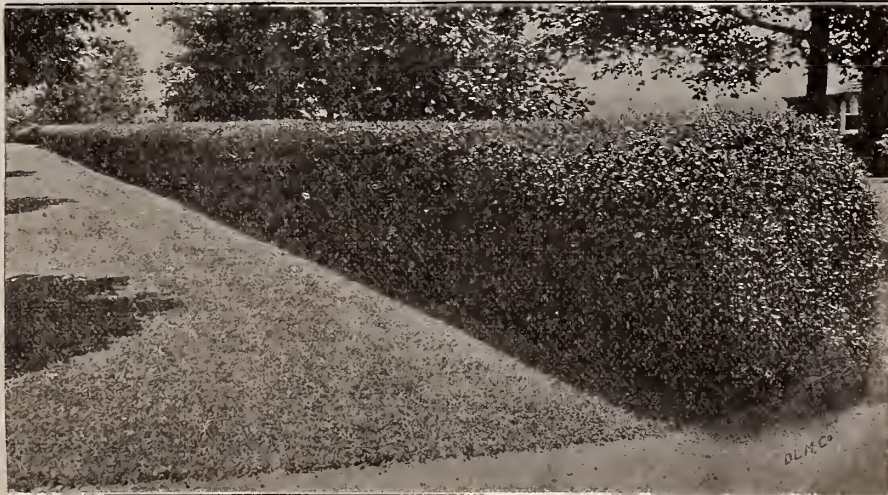
Rosea Nana Variegata—Leaves margined white, flowers rose.

Candida—(6) Pure white; very fine.

Eva Rathke—(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.



Hedge, California Privet.

Hardy Ornamental Trees

We devote a good deal of attention to growing the following selected list of Hardy Ornamental Trees at our True Blue Nurseries. They are especially suited to small grounds, and are very beautiful in flower and foliage fully equal to many flowering shrubs.

The sizes offered must be sent by Express or Freight at purchaser's expense.

BECHTEL'S DOUBLE-FLOWERING CRAB APPLE

The handsomest of all the crabs. It produces small rose-like blooms in great abundance, which are very fragrant; the only double variety that is fragrant. It is very easy to grow, hardy, and comes into bloom when quite small. 3 to 4 feet. Each, 50c. and 75c.

CORNUS, DOGWOOD.

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, 50c. each; 4 to 6 feet, \$1.00 each.

C. florida rubra—Red-flowered Dogwood. Flowers a bright rose; very ornamental. 2 to 3 feet, 75c. each; 3 to 4 feet, \$1.50 each.

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.

HYDRANGEA PANICULATA GRANDIFLORA (Tree Form)

The *Hydrangea paniculata Grandiflora* is one of the very finest of hardy shrubs, but when grown in standard or tree shape, it is especially showy and striking. Beautiful as shrubs, they are grandly beautiful as trees, growing in loveliness as they acquire age and size. It forms a graceful and dwarfish tree, not more than 8 to 10 feet in height, and is extremely effective for lawn decorations, whether standing single or in masses. Immense trusses of bloom from the first of August until frost. (See illustration). It is entirely hardy and very easy to grow. 4 to 5 feet. Each, 50c., 75c. and \$1.00.

DOUBLE-FLOWERING PEACH

Magnificent little trees that wrap themselves in bloom quite early in the Spring. A peach tree in full flower, with its large and double blossoms is certainly a charming sight, unequalled by anything else which flowers at the same time. We supply two colors, White or Pink. 3 to 4 feet. Each, 40c.

WIER'S CUT-LEAVED WEEPING MAPLE

A beautiful tree for lawn planting, easy to grow, foliage deeply cut; beautiful graceful habit. 6 to 8 feet. Each, 50c.

JAPANESE SNOWBALL

In Tree Form (*Viburnum Plicatum*)

For lawn or yard decoration, no hardy shrub in Tree Form is more elegant and desirable, than the Japanese Snowball. 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 Japanese 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.

TEAS' WEEPING MULBERRY—A very ornamental, rapid growing tree, with umbrella-shaped head and long willowy branches reaching quite to the ground. Grows in any soil. It remains at the same height but becomes wider and denser with age. Each, \$2.50.



Standard Catalpa Bungei.



Tree Form Hardy Hydrangea (Young Tree).

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—A hardy variety, having white cup-shaped flowers which are pink inside. Very fine for lawn planting, contrasting beautifully with the green.

Soulangiana—Almost identical with Alexandriana, except that this one blooms about a week later, or early in April. No shrub or tree is more elegant.

Above kinds, each, 3 to 4 feet, \$2.00 to \$2.50.

Shade Trees

Anticipating the wants of our customers in this line, we have selected the best and most popular varieties, feeling sure they will give satisfaction.

CATALPA SPECIOSA—These are very hardy, standing smoke and gas; very reliable for city planting. A most effective lawn tree. Specimen trees, \$1.00 to \$2.50.

CATALPA BUNGEI—Very handsome, umbrella headed trees. Rapid growing; a beautiful tree for small grounds. (See illustration). Fine Specimen trees, from \$2.00 to \$7.50.

AMERICAN ELM—Our native white Elm; one of the best trees for street work, standing smoke and street dust, and of quite rapid growth. Specimen trees, \$2.00 to \$15.00.

AMERICAN CHESTNUT—Very fine. 10 feet. \$1.25.

CAMPERDOWN, WEEPING ELM—A flat-headed tree, with drooping branches. May be trained in umbrella form. A pleasing lawn tree. Fine specimen trees, \$2.50, \$5.00, \$7.50 and \$10.00.

SCOTCH ELM—A spreading, rapid growing tree, large, dark green leaves. Specimen trees, \$2.00, \$2.50, \$3.50, \$10.00 and \$15.00.

PURPLE-LEAVED ELM—Foliage purplish-green, making a very ornamental tree; growth only moderate; very desirable for lawns. Each, \$1.50 to \$3.50.

NORWAY MAPLE—Not as rapid as the Silver Maple; of more compact growth, with large, deep green foliage. Has beautiful Autumn foliage. Each, 75c. to \$1.50.

ROCK, or SUGAR MAPLE—Vigorous grower; an elegant yard or street tree. Autumn color grand; are very hardy and one of the very best. Each, \$1.50 to \$5.

SILVER MAPLE—The most rapid grower of Maples; excellent for street planting or for shade. Splendid where immediate effect is desired. Each, 75c. to \$5.00.

CAROLINA POPLAR—The well-known shade tree; very rapid in growth; desirable where immediate results are wanted. Very hardy. Each, 50c. to \$2.00.

SYCAMORE or PLANE—Also known as Buttonwood. Rapid growing trees with bark that peels off, leaving patches of yellow and green. Each, \$1.50, \$1.75, \$2.00 and \$3.50.

Livingston's Selected Fruit Trees

NO HOME having surrounding grounds is complete without at least a small space devoted to Fruits; they can be grown profitably in almost any sunny situation.



"He who plants a tree plants hope."

"He who plants an orchard plants a home."

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, good size, but of indifferent quality. Very profitable and a ready seller because of its fine appearance. Keeps until May. Need a long season and does best in a warm climate.

BALDWIN—Large, bright red, crisp, juicy, and rich. Tree vigorous, and very 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. Succeeds well in the Northwest. 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. A valuable Fall variety.

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. Extremely hardy, winter apple.

STARK—(Pride 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. Abundant bearer.

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; medium size, roundish, slightly conical; skin pale-yellow, when ripe; juicy, and fine flavored.

Prices of 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 1st; one of the most popular sweet cherries.

DYEHOUSE—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—A light-red, sweet cherry; ripens last of June; is tender and delicious; a vigorous and productive variety.

LATE DUKE—A large, light-red, sour cherry; very robust grower. Most valuable variety; ripens end of July.

MONTMORENCY—One of the best large, red, sour cherries, for home use or market. Fine quality; hardy and productive. July.

MORELLO—English—Large, dark red, nearly black; tender, juicy, sub-acid. Valuable for preserves. Tree small, slender growth, productive. July and August.

Prices above Cherries (5 to 6 ft. trees) 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, very juicy, and fine flavored.

DWARF DUCHESS—The dwarf-growing trees of this splendid sort are most desirable; are very productive, in a small space.

FLEMISH BEAUTY—Large, pale yellow, brownish cheek; melting and delicious. Tree vigorous. Bears young and abundantly. One of the most hardy. September 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. Tree vigorous, erect, handsome.

WILDER—A fine Summer pear. Medium to small in size; greenish yellow, with a brownish-red cheek; handsome, melting and sweet.

WORDEN'S SECKEL—The standard of quality in a pear; small, but of the finest flavor. No Autumn variety is more prized.

Prices of above Pears (5 to 6 feet), each, 60c.; 10 for \$5.00.

PEACHES

CHAIR'S CHOICE—A fine free-stone sort; color deep yellow, with a red cheek; ripens in September.

CHAMPION—A large, handsome, creamy-white variety, with red cheek; sweet, rich, juicy, free-stone. Hardy and productive. August.

CROSBY—Fruit medium in size, roundish, slightly flattened; color bright orange-yellow, streaked with carmine. Hardy, productive and a fine free-stone. September.

CRAWFORD'S LATE—Very large, yellow, with a fine red cheek; flesh deep yellow, red at the stone; excellent; one of the finest of the later sorts; vigorous and productive. Last of September. Freestone.

RUFORD'S EARLY—Same as above. Ripens first of Sept.

EARLY RIVERS—Large; color creamy-white, with pink cheek; quality especially rich; delicious; one of the finest August free-stones.

ELBERTA—Most reliable; large; color golden yellow, with red cheek; firm, juicy, and of finest quality; hardy and productive free-stone. September.

GREENSBORO—The largest of the early free-stones; crimson, with a yellowish cast; 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, free-stone peach; flesh white, juicy, and good; vigorous and productive; fine for market. August.

SMOCK—(Beer's Smock)—Large, orange red or yellow, flesh red at the stone, moderately juicy and rich, very productive and a valuable late market variety. First of October.

Prices above Peaches (4 to 5 ft. trees) each, 25c.; 10 for \$2.00.

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 a very vigorous, upright grower. 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. The tree is a vigorous grower with large and broad leaves; usually begins to bear the second year after transplanting. Ripens later than the Abundance; end of August.

CLIMAX—One of Burbank's latest and best. Fruit heart shaped, larger than Wickson and more highly colored. Very fragrant, delicious, prolific and a vigorous grower. 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, separating freely from the stone. Moderate growth. September.

IMPERIAL GAGE—Large; oval; greenish; flesh juicy, rich, and delicious; parts from the stone. Vigorous and productive. 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.

SHROPSHIRE 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 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.

Prices of above Plums (5 to 6 feet) each, 60c.; 10 for \$5.00.

QUINCES

BOURGEOIS—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 equally fine, but ripens somewhat later.

ORANGE—Large; roundish, with short neck; of a bright golden-yellow color. Very productive, and of finest quality. A favorite always.

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 as a whole. 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 amount received for the plants.

Results. We have no control over plants after their delivery, in good shape, for transportation; hence we cannot guarantee any results whatever, and our responsibility ceases when delivered to the Express Company, or Freight Station, for shipment.

Livingston's Reliable Strawberry Plants



A Box of Berries.

Plant in March, April or May—the earlier in the Spring the plants are set out the better they will do—on good ground deeply worked and well manured. Set the plants in rows 3½ feet apart, and 15 inches apart in the rows for field culture. For the kitchen garden, plant in finely prepared beds, setting the plants 15 inches apart each way. Cover lightly late in the Fall with straw or very coarse stable manure, and uncover the plants early in spring, leaving this covering around the plants as a mulch to keep the fruit clean; remove this mulch after fruiting or spade in with light dressing of manure. To grow large berries, and plenty of them, fertil-

izers must be used freely. Unleached wood ashes are especially good; ground bone is also fine for strawberries. Do not plant deep, but be sure to press the soil very firmly about the roots of the plants. Should the weather come 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.

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.

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.

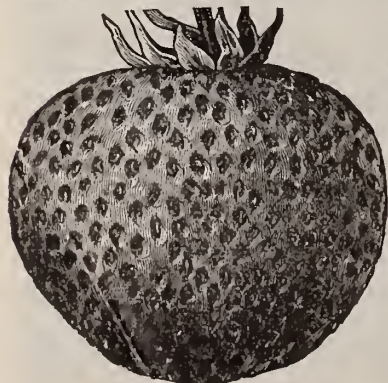
FAIRFIELD—Another of the earliest sorts; a large, firm, delicious berry of the greatest productiveness. It roots deep, and therefore does well on dry land. A very strong grower, and has never yet shown any signs of rust. One of the most profitable of all the very early varieties.

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.

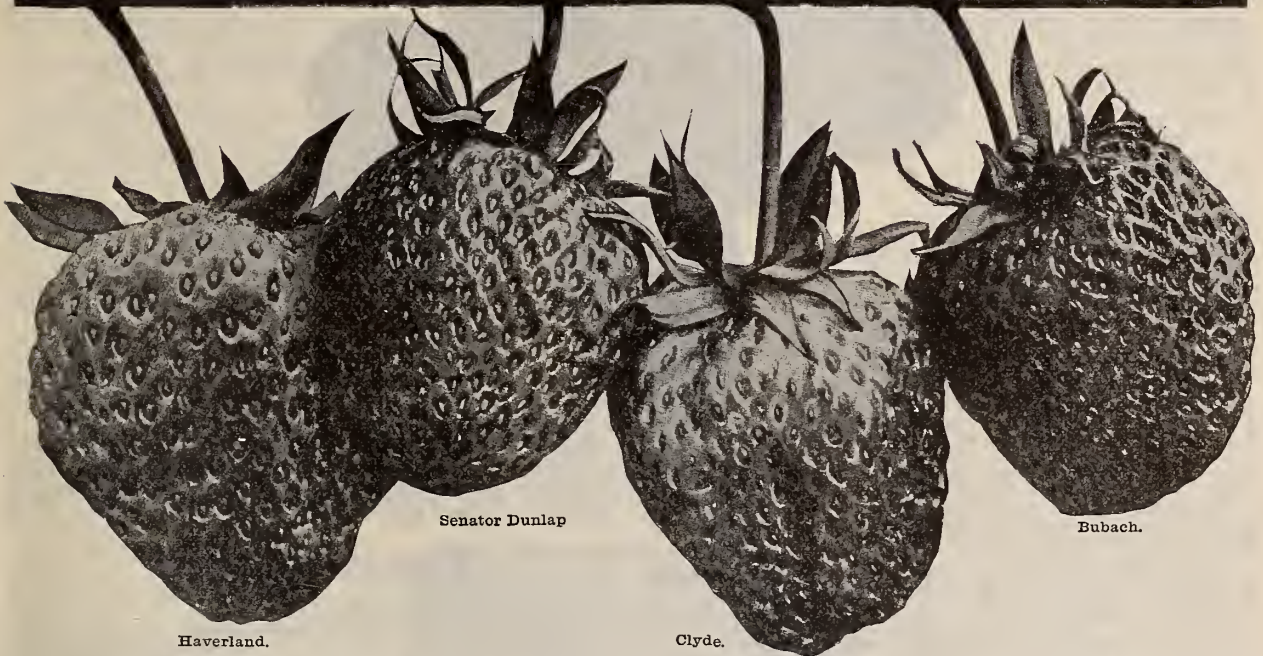
SAMPLE (Imperfect)—Berries large, round, very dark, rich crimson; flesh firm, dark, rich, juicy, of splendid quality; productiveness, fine form, handsome appearance, and high quality make it one of the best. The plant is large and healthy, and makes plenty of runners; a sure bearer. Medium to late.

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.



Livingston's Four Finest Strawberries



Haverland.

Senator Dunlap

Clyde.

Bubach.

THE FOUR FINEST STRAWBERRIES IN CULTIVATION

Lovers of Strawberries consider them the most delicious of all Earth's products, and certain it is 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 PRODUCING GOOD STRONG WELL-ROOTED PLANTS.**

Orders are filled with plants freshly dug from the ground and reach our customers in the best possible condition. Every garden should have at least a few.

BUBACH (Imperfect)—(See illustration above.) A splendid variety of the very largest size; the quantity of 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. A good keeper; remains in bearing until late; easily picked and hulled.

Price—Postpaid, by mail, doz., 30c.; 50 for 50c.; 100 for 90c. By Express, not prepaid, 100 for 60c.; 500 for \$2.50; 1000, \$4.50.

Special Collection Offer

OF THE FOUR FINEST STRAWBERRIES
Described Above

1 Dozen Plants of each (48 in all) 75c. postpaid or 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

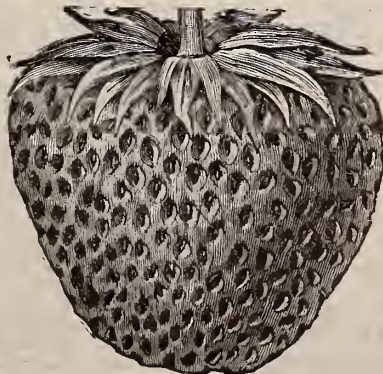
1000 Plants of each (4000 in all).....For \$15.00

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 pollenizer 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, \$5.00.

HAVERLAND (Imperfect)—(See illustration above). Grand market berry; should be planted with Clyde or some other good pollenizer. This is one of the handsomest berries of which we have any knowledge. In shape it is round and full at the stem end gradually tapering to a blunt point. The bright yellow seeds are rather prominent and add to its attractive appearance. The size is very large. The color bright red on the upper side and a slightly lighter shade on the under side. The flavor is very fine. A very heavy bearer and a strong, vigorous grower and a splendid plant producer. Medium.

Price—Postpaid, by mail, doz., 30c.; 50 for 50c.; 100 for 90c. By Express, not prepaid, 100 for 60c.; 500 for \$2.50; 1000, \$4.50.



"Livingston" Strawberry.

GRAND NEW STRAWBERRY "Livingston"

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, are an array of merits which make it nearly perfect. It is a seedling of the Warfield pollenized by Jessie. It is a vigorous, healthy plant, with very thick, leathery, dark green leaves. It forms splendid crowns, and roots very deep. The berries are a rich beautiful scarlet which extends 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 it is the very best, extremely juicy, sweet and luscious. **Early. Price—Doz. 35c.; 100, \$1.00, postpaid; 100, 75c., by Express.**

Livingston's **SELECTED SMALL FRUITS** Continued**Raspberries**

Make the rows for Raspberries about six feet apart, and set the plants three feet apart in the rows. We sell 6 plants at dozen, 50 plants at hundred, 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 extraordinary large and handsome, firm, and of the highest quality. Each, 20c.; doz., \$2.00, postpaid. By Express, not paid, doz., \$1.75; 50 for \$5.00; 100 for \$3.00.

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.

COLUMBIAN—A fine, large, deep purplish-red berry of high flavor; hardy, productive; grand for table and canning. Doz., 85c., postpaid. By Express, not paid, 100, \$2.25; 1000, \$15.00.

CONRATH—A new Black-Cap Raspberry; very early, of good quality, very productive, and hardy. Doz., 75c., postpaid. By Express, not paid, 100 for \$2.00; 1000 for \$12.00.

CUTHBERT—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.

GOLDEN QUEEN—Large, beautiful amber color; firm, and of fine quality. Plant vigorous, hardy, and productive. Dozen, \$1.00, postpaid. By Express, not paid, 100, \$3.00; 1000, \$20.00.

GREGG—Fruits very fine and large; well-known and popular; a late Black-Cap. Doz., 70c., postpaid. By Express, not paid, 100 for \$1.25; 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.

KANSAS—A good second early Black Cap. Doz. 65c., postpaid. By Express, not paid, 100 for \$1.75; 1000 for \$10.00.

LOUDON—A fine dark-red. Ripens early; large; holds out very late; productive. A standard sort. Doz., 75c. postpaid. By Express, not paid, 100 for \$2.00; 1000 for \$12.00.

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.

Blackberries

Make the rows for Blackberries about eight feet apart, and set the plants four feet apart in the rows. We sell 6 plants at dozen, 50 plants at hundred 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.

MERSEEAU—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, and healthy; yield enormous; season early to mid-season. Each, 15c.; doz., \$1.00, postpaid. By Express, not paid, 100 for \$2.50; 1000 for \$18.00.

OHMER—Best late; large; ripens after Raspberries; firm and sweet. Doz., 85c.; postpaid. By Express, not paid, 100 for \$2.25; 1000 for \$15.00.

RATHBUN—A 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, snow core; few thorns. Doz., 75c.; postpaid. By Express, not paid, 100, \$2.00, 1000, \$12.00.

WHITE ICEBERG—As productive, hardy, abundant, handsome and delicious as black ones. Canes loaded with snowy-white berries. Each, 20c.; 3 for 50c.; doz., \$1.50, postpaid. By Express, not paid, 100 for \$3.75.

Currants

The plants of this fruit should be set four feet apart in good rich soil. Cultivate well.

THE NEW "PERFECTION" CURRANT

An introduction which promises to eclipse all 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, 35c.; 3 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 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 \$6.00. Price per 1000 on application.

Gooseberries

Plant in good rich soil in rows five feet apart by four 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 at 25c. each; 5 for \$1.00, and 2-year-old plants at 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 \$12.00.

DOWNING—Enormously productive; large pale green, splendid quality. Each, 20c.; doz., \$1.75, postpaid. By Express, not paid, doz., \$1.50; 100 for \$9.50.

JOSSELYN—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.

Livingston's Selected Grape Vines

BRIGHTON—Thin-skinned berries with tender flesh and hardly 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 par, 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.

GERTNER (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 DIAMOND—Fruit white, changing to yellow tinge when ripe; very juicy; has few seeds; quality unexcelled; medium in size; very early; hardy. Price below.

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 one-year-old vines, each, 15c.; dozen, \$1.50, by mail, postpaid. By Express, not paid, large two-year-old vines, each, 15c.; dozen, \$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.)

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 square feet. **PRICE**—10 lbs., 46c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00.

BONE FLOUR—Especially adapted to florists' use. Gives the best of 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 lbs., \$2.00.

FRUIT AND ROOT CROP SPECIAL—Adapted to hastening the early maturity of crops and 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—It 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., 35c.; 50 lbs., 50c.; per barrel of about 250 lbs., on cars, \$2.00; 5 barrels for \$9.00.

CANADA HARD-WOOD ASHES—Splendid as a lawn dressing. Should be applied late in Fall or early in Spring, so that the rains and snows may leach the ashes and carry the elements down to the roots of grass. Our ashes are screened and are in proper condition for immediate use. Apply at the rate of 75 lbs. to 1000 square feet. 50 lbs., 75c.; per barrel of 200 lbs., \$1.50; 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, placed directly in hills or drills, it 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. It will not only make the plants grow, but will drive out all worms around the roots. A box is sufficient for ordinary sized plants for 6 months. Directions for using with each box. 1½-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—Will keep 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.; ½-gallon, 65c.; 1 gallon, \$1.00. Larger lots, special prices.

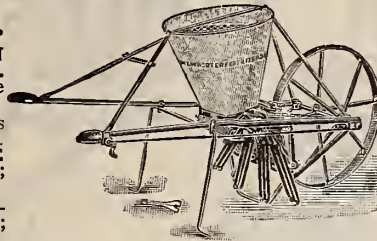
HAMMOND'S SLUG SHOT—Non-poisonous; no danger to the person using it. It does not render vegetables or fruits on which it is applied injurious, and is the best insect destroyer ever offered for the destruction of potato bugs, worms, and all insects that chew. Is simply dusted lightly on. Booklet, "Fighting Insects in the Garden," sent free. **Price**—Lb., 30c.; 3½-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—½-gal., size 30c.; gal. size, 50c.

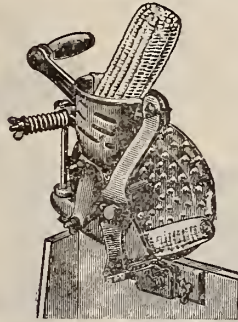
TOBACCO STEMS—For fumigating plants infested with green fly, etc. By express or freight—Lb., 5c.; 100 lbs., \$1.00.

ROSE LEAF EXTRACT OF TOBACCO—One of the most effective articles for the destruction of all insects and scale on plants; a pure extract of tobacco. Full instructions for applying.

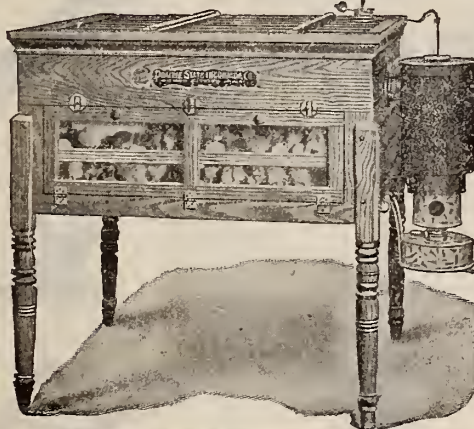
Price—Pint can, 30c; quart can, 55c; gal. \$1.25.



McWhorter Fertilizer Distributer.



Columbus Corn Sheller.



New Prairie State Sand Tray Incubator No. 2.



Cahoon Hand Broadcast Seeder.

ALL GOODS ON THIS PAGE sent at purchaser's expense, unless quoted "prepaid."

Insecticides, Fungicides, etc.—Continued

TOBACCO DUST—Very effective, being leaves, not ground stems. Used on cabbage and in vegetable hot houses. 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.

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.

A helpful little pamphlet, "The Window Garden" sent free to all with Sulpho-Tobacco Soap.

FIR TREE OIL SOAP—A most excellent insecticide for greenhouses and house plants. Price—½-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. Price—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. Especially adapted to applying fertilizer to Strawberries or other similarly planted crops. (See illustration.) Price, \$10.00.

COLUMBUS CORN SHELLER

With a little practice will shell a bushel of corn in 5 minutes. Well made. Not easy to get out of order. Has Adjustable Throat. Shells any size ear from pop corn to large field corn. Fasten to the side of a box; the corn goes into the box and the cob is thrown out. May be fastened to a board or on top of the fence. Always ready. A great time and labor saver. (See illustration.) By freight or express, \$1.25.

THE CAHOON HAND BROADCAST SEEDER

For sowing any grain or grass seeds. 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, purchaser to pay charges.

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
No. 4 (Crank) smaller than No. 3.....\$1.25
Must go by Freight or Express.

POULTRY SUPPLIES

Incubators, Brooders, Bone Cutters, Grit, Shell, Bone, Medicines, Lice Killers, Fountains, Leg Bands, Etc.

We handle this class of goods in large quantities—some items in carloads—hence our prices will be found right.

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. All metal parts are brass and galvanized iron, and thoroughly well made throughout. 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 Incubator.

THE NEW PRAIRIE STATE BROODER

Offers the poultryman the most satisfactory device for taking the chicks from the incubator and caring for them until ready for winter quarters.

Brooders, \$12.00 to \$20.00.
Hoovers, \$7.00 to \$8.00.

PLANET JR. TOOLS FOR 1909

Space will not permit showing and describing here all of the **PLANET JR. TOOLS**, but we will send a beautifully illustrated Catalogue 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

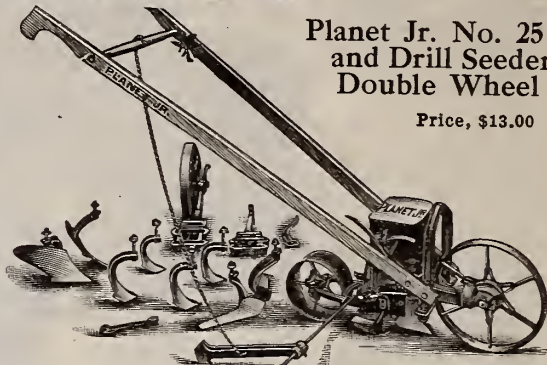
Price, \$10.00.



Planting in rows and thinning afterward is a terrible time-waste. The No. 3 Seeder puts the seed right on the spot where hill is wanted. Plants 4, 6, 8, 12 or 24 inches apart, or in continuous row, as desired. Changed in a moment. Holds 3 quarts.

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.

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.

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.



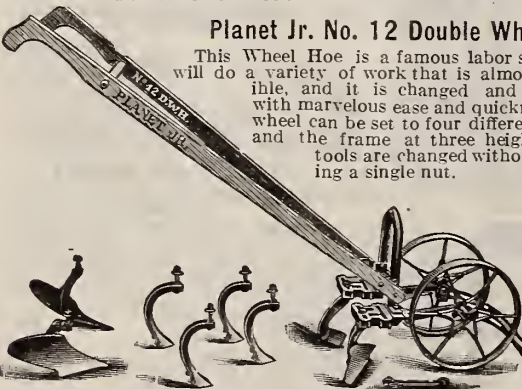
No. 18 SINGLE WHEEL HOE.

Same as No. 17, but with 6 inch hoes only.

Price, \$3.00.

Planet Jr. No. 12 Double Wheel Hoe

This Wheel Hoe is a famous labor saver. It will do a variety of work that is almost incredible, and it is changed and adjusted with marvelous ease and quickness. The wheel can be set to four different widths and the frame at three heights. The tools are changed without removing a single nut.



FIRE FLY PLOW,
\$2.25.

No. 11 DOUBLE WHEEL HOE,
with 8 pairs of tools, \$8.50.

No. 12 DOUBLE WHEEL HOE, (see illustration 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.

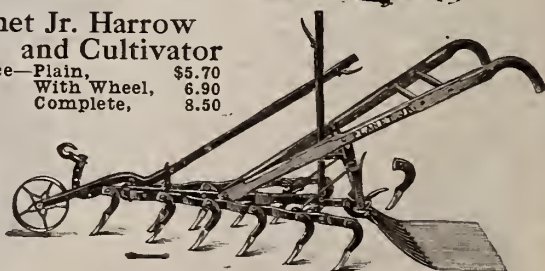
Planet Jr. No. 8 Horse Hoe

Will do more kinds of work than any other horse hoe. New Depth Regulator and Expander. Hollow Steel Standards. Strong and 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

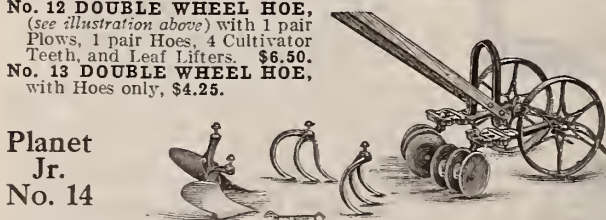


This Harrow has a high frame contracting to 12 inches and expanding to 32 inches in width. Hand levers regulate both width and depth while in motion. The chisel-shaped teeth cut an inch wide and cultivate deep without throwing earth on the plants. Has foot Lever Pulverizer. Capital Strawberry Cultivator, turning the runners without injury. Strawberry Runner Cutter Attachment, extra, \$1.85

Planet Jr. No. 14

This is a new tool for 1909. There are three discs, oil tempered on each side, which may be used all at once or two on a side as preferred. They may also be adjusted for depth and to throw the soil to or from the row. The set of prong cultivator teeth is a great improvement over old sorts.

No. 14 Double Wheel Disc Hoe, complete (see cut above), \$7.50.
No. 13 1/2 Double Wheel Hoe with Discs only, \$5.50.
No. 38 Single Wheel Disc Hoe Cultivator and Plow, \$6.50.
No. 18 1/2 Single Wheel Hoe with Discs only, \$4.25.
Disc Hoes (attachable to any machine) per pair, \$2.25.
Combination Cultivator Teeth (for any machine), per pair, \$1.25.



STEEL SWINGING BRACKETS.

Made of steel. Artistic in design. Finished in black, and 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; dozen, \$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, 1,200 to pound, per pound, 40c.; postage 16c. 1/2-inch size, 800 to pound, per pound, 40c.; postage 16c. (See cut.)

RED FLOWER POTS.

SIZE	EACH	DOZ.	100
1 1/2 in.,	2	\$ 10	\$ 50
2 in.,	2	10	60
2 1/2 in.,	2	15	75
3 in.,	3	25	90
3 1/2 in.,	4	30	1 25
4 in.,	4	35	1 50
5 in.,	5	45	2 50
6 in.,	6	60	4 00
7 in.,	8	75	5 50
8 in.,	10	1 00	7 25
9 in.,	15	1 35	10 00
10 in.,	25	2 00	16 50
12 in.,	60	5 00	35 00

WOOD POT LABELS.

Painted Pot Labels. Best made. Put up in packages of 1,000 each.

3 1/2 x 5/8 inch.....	per 1,000	\$ 65
4 x 5/8 inch.....	"	70
4 1/2 x 5/8 inch.....	"	80
5 x 5/8 inch.....	"	95
6 x 5/8 inch.....	"	1 20
10 x 5/8 inch.....	"	2 50
12 x 5/8 inch.....	"	3 00

WOOD GARDEN STAKES

(For Labeling). Painted.

8 x 3/4 inch.....	per 1,000	\$ 70
10 x 3/4 inch.....	"	4 80
12 x 1 1/4 inch.....	"	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 Water-Proof Fiber; an excellent substitute for glass. We sell thousands of yards annually and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.

PRICES—Heavy Grade, per yard, 15c., postage 6c. extra; by the piece, 40 to 60 yards, per yard, 14c. Medium Grade—best for general purposes, per yard 12c., postage 5c. extra; by the piece, 40 to 60 yards, per yard, 10c. Light Grade, per yard, 6c., postage 4c. extra; by the piece, 40 to 60 yards, per yard, 5c.

HOT-BED SASHES.

Best Cypress—3 1/2 ft. x 6 ft., unglazed for 4 rows 8x10 glass, each, \$1.25; 10 for \$12.00.

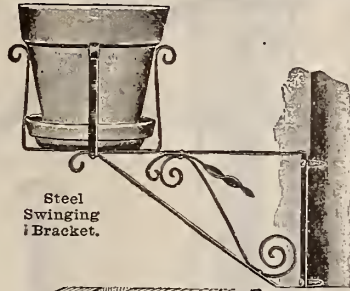
Our sales of Hot-Bed Sashes are increasing each season, so satisfactory do our customers find them.

PUTTY BULB.

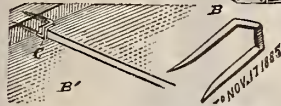
The best appliance for distributing putty. Used by a large number of leading florists, who have proven its merit. (See cut.) Each, 75c.; postage, 15c.

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 hot-bed under sash. The secret of mole catching is a good trap, and to know their habits. Full directions sent with each trap. (See cut.) Each, \$1.00, postage, 25c. extra.



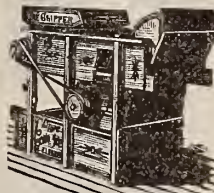
Steel Swinging Bracket.



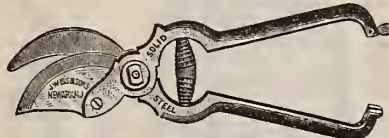
Van Reyper's Glazing Points.



Red Flower Pots



Clipper Grain Cleaner.



Wiss' Steel Pruning Shears.



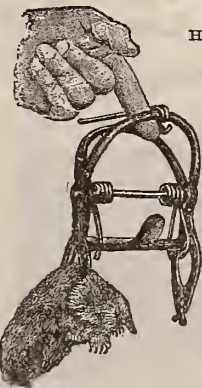
WATERS IMPROVED TREE PRUNER.



Rubber Putty Bulb



Hazeltine's Hand Weeder.



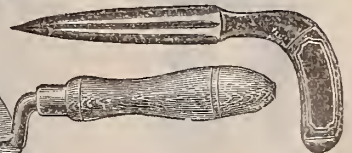
Out O' Sight Mole Trap.



Lang's Weeder.



Garden Trowel.



Garden Dibber.

THERMOMETERS.

Hot-bed or Mushroom, \$1.; postage 10c. Greenhouse, 25c.; postage, 5c. Incubator, 75c.; postage, 5c.

WATERS' TREE PRUNER. (See cut).
4-foot..... \$.65 8-foot..... \$.85
6-foot..... .75 10-foot..... .95
12-foot..... \$1.00.

PRUNING SHEARS, KNIVES, SAWS, Etc.

Wiss' Solid Steel—The best made; forged entirely of steel; blade of best cutlery steel, fitted to handle in a perfectly rigid manner, yes easily removed. (See cut). Price, \$1.75; postage, 20c.

Common—Very strong. Best Steel blades and an excellent spring. Price, 60c.; postage, 15c.

Pruning Saw—Double Edge, 16-inch, 60c.; 18-inch, 70c.; 20-inch, 80c.

Eagle Pruning Shears—The well-known 2-handle shears. Light and powerful. The best made. Each, \$1.75.

Hedge Shears—Plain, 9-inch blades, \$1.75; 10-inch blades, \$2.00. Knotched, 9-inch blades, \$2.00; 10-inch blades, \$2.25.

Budding Knives—Postpaid, by mail, 85c. By Express, 80c.

Pruning Knives—Postpaid, by mail, 85c. By Express, 80c.

BELLOWS.

For dusting plants with sulphur or like material. Two sizes, 6-inch, each, 85c.; 8 1/2-inch, \$1.25.

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, \$20.00. (See cut).

Prices for larger sizes and Special Purpose Clipper Mills made on application.

GARDEN WEEDERS.

Hazeltine's Hand Weeder. (See cut). In general use, Blade solid steel, tempered, 7/8-inch wide, and 1/8-inch thick, sharpened on all edges. Each 20c., postage, 5c.

Excelsior Weeder—Very useful for weeding seed beds, stirring soil in hot-beds, cold frames, etc. Each, 10c., postage 5c.

Lang's Weeder (see cut)—Dozen, \$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, each, 18c.

GARDEN TROWELS.

Trowels, Ordinary—5-in., 10c.; postage, 5c. extra. 6-in., 15c.; postage, 5c. extra.

Trowels, Solid Steel—6-in., 25c. Postage, 10c. each, extra.

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., post. 10c.

Bushel Baskets—Broad band. Standard bushel size, strong and durable. Dozen, \$1.50; each, 20c. Must be sent by freight.

Garden Lines—100 feet Braided Linen, 40c. Cotton, 25c.

Turf Edgers—For trimming edges of walks, 75c.

Grass Hooks—30c., by express only.

At the prices given, Goods must be sent by Express or Freight at the purchaser's expense, unless otherwise noted.



Plant Bed Cloth.



Christy Garden Weeder.

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 their 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 1/4 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. Agitator works independent of or in harmony with pump at will of operator; fitted for side of barrel. **Price, Pump alone, \$8.00.**

Eclipse No. 4, Outfit B—Pump, complete with 6 feet of best 1/2-in. Hose, 6 feet 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 1/4 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, \$10.00.**

Eclipse No. 5, Outfit B—With 8 feet Hose, 1 Bamboo Brass-Lined Extension Rod Leakless Cock and 1 Double Vermorel Nozzle, **\$15.00.** With brass air chamber in place of steel, **\$2.50 extra.**

Eclipse No. 407, Outfit D—Same as Outfit B, with the addition of 8 feet of Hose, 8 feet of Bamboo Extension Rod, and Double Vermorel Nozzle. Double Outfit complete, **\$20.00.**

Brass Air Chamber in place of steel **\$2.50 extra.**

MYERS' LITTLE GIANT BUCKET SPRAY PUMPS.—(See Cut.)

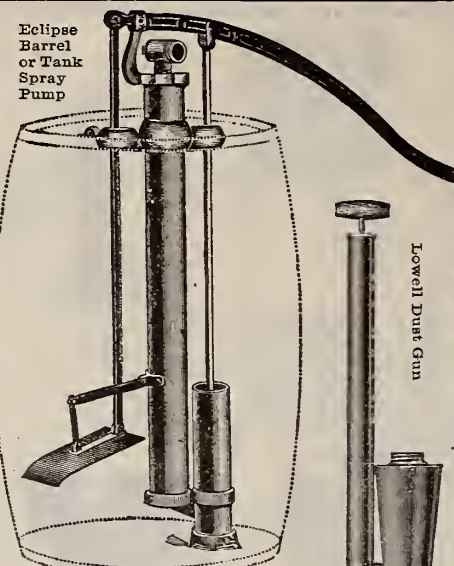
Constructed entirely of brass, which is not affected by the poisons used in spraying fruit trees, vines and shrubbery. Are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up, which has the effect of holding the pump down. The foot-rest steadies the pump. They are very easy to operate, are provided with large air chamber so that the nozzle throws a continuous spray. Will throw a solid stream 50 feet, and are very useful for washing windows and buggies, sprinkling lawns, flowers, etc. For spraying, a fine jet is discharged into the bottom of the bucket to keep the solution from settling. **Price, with Rubber Hose, \$3.00.** With 8 foot Extension Rod, **\$3.50.**

MYERS' BARREL SPRAY PUMP.

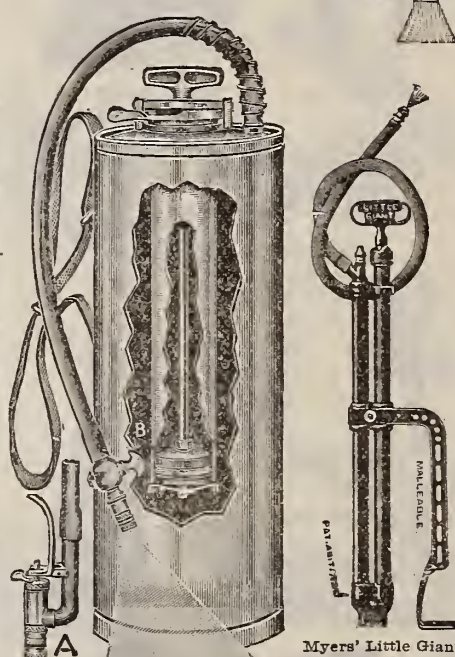
Myers' No. 302 Outfit consists of Pump, 5 feet of 1/2-inch 3 ply Hose, Vermorel Spray Nozzle, Suction Pipe, Strainer and Jet Agitator. **Price, \$7.50.**

Myers' No. 303 Outfit consists of Pump, Suction Pipe, Strainer and Jet Agitator, 2 leads of 1/2-inch 3 ply Hose, 5 feet long, and 2 Vermorel Spray Nozzles. **Price, \$8.50.** Bordeaux Nozzles, instead of Vermorel, furnished at the same price, if so specified.

Eclipse Barrel or Tank Spray Pump



Lowell Dust Gun



The "Auto-Spray."

Myers' Little Giant Bucket Spray Pump

THE "AUTO-SPRAY"

Works automatically for six to fifteen minutes, according to the nozzle opening. It may be charged 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 of 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, \$4.50; with Auto-Pop Nozzle, \$5.50. Solid Brass Tank, \$6.00; with Auto-Pop Nozzle, \$7.00.**

Auto-Pop Spray Nozzle—In operation a lever is moved by simply closing the hand, thus opening the valve and allowing an instantaneous discharge of spray. By releasing the lever it closes itself automatically, hence the spray is in perfect control. **\$1.25.**

Extension Rods for Auto-Spray, 2 feet long, each, **35c.**

GARFIELD KNAPSACK SPRAYER.

Made entirely of brass and copper. Tank holds 4 gallons, has 4 feet best rubber hose, brass pipe 15 inches long, and Combination Vermorel Nozzle attached. **Price, \$11.00.**

PARK'S SPRAYER.

Simple and cheap for spraying shrubs and plants with water or insecticides. The agitator inside of the Glass Mason Fruit Jar rattles around loosely and keeps the liquid thoroughly mixed while using. (See Cut.) **Price, \$1.00. Cannot be mailed.**

IMPROVED VERMOREL NOZZLE.

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 illustration). The latter feature is found only with this nozzle. **Price, 1/4-inch, with 2 caps A, 90c. Postage 6c. extra.**

CALLA NOZZLE.

A cheap but reliable nozzle. Has two grades of spray and a solid stream, governed by the slide shown in cut. One of the longest distance nozzles in use. Especially good to apply whitewash in poultry houses etc. **Price, 75c.; by mail, 80c.**

ECLIPSE ATOMIZERS.

No. 1—All Brass, Detachable Discharge Tube, Rotary Air Motion. Will last a lifetime. (Cut.) **Price, \$1.00; by mail, \$1.30.**

BROWNIE DRY POWDER GUN.

A splendid machine for distributing insecticides in a dry form. A great time saver. One man can cover one acre an hour. Directions accompany each machine. **Price, \$3.50.**

LOWELL DUST GUN.

For applying dry powders, such as Slug Shot, White Hellebore, Paris Green, etc. Rapid and economical. (See illustration.) **Price, \$1.00; postpaid, \$1.30.**

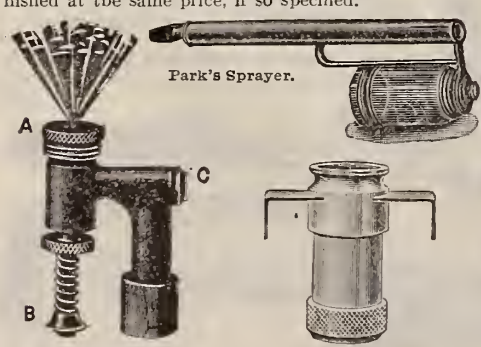
RUBBER SPRINKLER.

Size No. 1, 90c., postpaid; Size No. 2, 80c., postpaid; Size No. 3, 70c., postpaid.

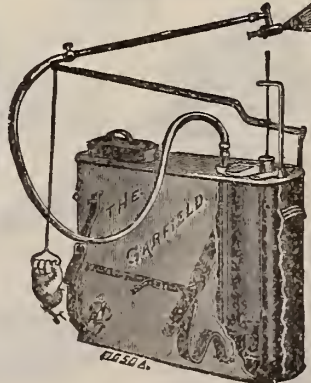
If to go by Express or Freight, deduct 10 cents each from above prices.

ANGLE RUBBER SPRINKLER.

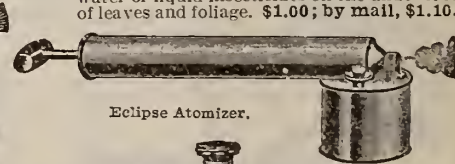
This sprinkler is designed for applying water or liquid insecticides on the under side of leaves and foliage. **\$1.00; by mail, \$1.10.**



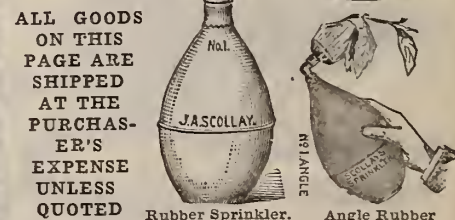
Improved Vermorel Nozzle, Calla Nozzle, Park's Sprayer.



Garfield Knapsack Sprayer.



Eclipse Atomizer.



Rubber Sprinkler, Angle Rubber Sprinkler.

ALL GOODS ON THIS PAGE ARE SHIPPED AT THE PURCHASER'S EXPENSE UNLESS QUOTED PREPAID.



Rubber Sprinkler.



Angle Rubber Sprinkler.

Farm, Garden, Fruit, Flowers, Books Vegetables, Poultry, etc.

Reading is but another department of gardening. Evenings may be devoted to reading some good books very profitably. Select such as are of special interest, read, make notes of valuable suggestions and plan to carry them out in your work. It pays to keep posted on all new methods. Often a single item will be found worth many times the prices of the book. All Books are sent Postpaid.

FARM AND GARDEN

Asparagus, How to Grow for Market or Home Use. 174 pages. 5 x 7 inches, handsomely illustrated. Cloth, 50c.

Book-keeping for Farmers. Every farmer should keep accounts. This book tells how. 5 x 7 inches. 40 pages. Paper, 25c.

Broom Corn and Brooms. How to raise Broom Corn and Make Brooms on a small or large scale. Cloth, 50c.

Cabbage, Cauliflower and Allied Vegetables. By C. L. ALLEN. 5 x 7 inches. 128 pages. Illustrated. Cloth, 50c.

Celery Culture. By W. R. BEATTIE. Illustrated. 5 x 7. 143 pages. Cloth, 50c.

Clovers and How to Grow Them. By THOMAS SHAW. Treats on the growth, cultivation and treatment of Clovers as applicable to all parts of the United States and Canada. Illustrated. 5 x 8 inches. 337 pages. Cloth, \$1.00.

Livingston's Celery Book. 100 pages. Illustrated. Written expressly for us by Mr. E. J. HOLLISTER, who has been the most extensive practical Celery Grower and Shipper in the United States for the past 20 years. He has grown extensive crops in Canada, Michigan, Ohio and Florida. IT IS A COMPLETE GUIDE FOR THE CELERY GROWER. Paper Cover, 40c. Cloth Bound, 60c.

Forage Crops. By THOMAS SHAW. An exhaustive work. Illustrated. 5 x 7 inches. 287 pages. Cloth, \$1.00.

Fences, Gates and Bridges. How to make all kinds. 300 cuts, 188 pages. 5 x 7 inches. Cloth, 50c.

Forcing Book. The cream of all information on forcing Vegetables under glass. 266 pages, 5 x 7 inches. Cloth, \$1.00.

Farm Appliances. Tells how to make them. 250 cuts, 192 pages. 5 x 7 inches. Cloth, 50c.

Farming with Green Manures. 5x7 ins. 269 pages. Cloth, \$1.00.

Garden Making. By BAILEY. The beginner is shown how easy it is to raise Flowers, Fruits and Vegetables, and beautify one's home grounds. It is thoroughly practical in every detail, and a guide to daily practice in the garden. 417 pages, 256 illustrations. New edition, \$1.50.

Gardening for Pleasure. HENDERSON. \$1.50.

Gardening for Profit. A standard work, valuable as a reference book. HENDERSON. \$1.50.

Grasses, How to Grow Them. By THOMAS SHAW. A comprehensive work. Illustrated. 5 x 7 in. 453 pages. Cloth, \$1.50.

Ginseng. KAINS. Its cultivation, harvesting, marketing and market value. Illustrated. 5 x 7. 144 pages. Cloth, 50c.

How to Make a Flower Garden. Written by experts, and covers every branch of the subject. Very practical and suggestive, having been written from actual experience. Many lists of flowers and shrubs for special purposes and seasons are given with directions how to grow each. 8 x 11 in. 370 pages; 200 fine half tone illustrations. Price, \$1.75.

Little Gardens. Treats gardening from the standpoint of the city yard or the small country place, in a practical and attractive manner. Cloth, \$1.35.

Landscape Gardening Applied to Home Decoration. MAYNARD. 338 pages. 5 x 7 inches. Illustrated. Cloth, \$1.50.

Money in the Garden. A very practical work on vegetable gardening. 268 pages. 5 x 7 inches. Cloth, \$1.00.

Mushroom Culture, Robinson's Illustrated. 172 pages. Cloth, 50c.

Mushrooms, How to Grow. FALCONER. The best work on this subject published in America. 169 pages. 5 x 7 in. Cloth, \$1.00.

New Onion Culture. By T. GREINER. A complete guide for growing Onions for profit. 5 x 7 ins. 111 pages. Illustrated. Cloth, 50c.

Onion Book. By 17 Successful Growers. Greatest value for the price. Paper binding, 20c.

The Pruning Book. By BAILEY. A complete and practical book of the pruning and training of all kinds of trees and shrubs as applied to American conditions. 539 pages. 4 1/2 x 7 inches. Cloth, \$1.25.

Potatoes, A B C of. By T. B. TERRY. A thoroughly experienced potato grower for years. Paper, 45c.

Prize Gardening. How to get profit, pleasure and health from the garden. 320 pages. 5 x 7 inches. Cloth, \$1.00.

Picturesque Gardens. A magnificent book, beautifully illustrated, treating all forms of ornamental gardening. By HENDERSON. 168 pages. 10 x 12 inches. Cloth, \$2.50.

Practical Garden Book. By Profs. BAILEY and HUNN. Gives the simplest directions for growing commonest things. Tells how to plant, prune, train and care for flowers, fruits, vegetables, bushes and trees. It is alphabetically arranged. 250 pages, with many marginal cuts. Price, \$1.00.

Rhubarb Culture. New. How to Grow in Hot Bed or Field. Half tone illustrations. 130 pages. 5 x 7 inches. Cloth, 50c.

Sweet Potatoes, 40 Year's Experience. BROWN. 20c.

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Livingston's "Orchid Flowered" Collection of Giant Sweet Peas (page 89)

Livingston's Challenge Collection of Five Magnificent Roses (Back Cover)

Livingston's New Ohio Sugar Melon (page 5)

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At last we are able to offer something long desired; something for which hybridizers have long been striving—a **Hardy Yellow Rose.** This superb new rose is in a distinct class by itself and is the first of a new race of roses. The wood and bark are reddish brown, thorns fine, the foliage plentiful, large and of a beautiful clear green color. Perfectly hardy and produces straight robust shoots in abundance.

In color this magnificent variety is exceedingly rich. The buds are conical in shape and of a marvelously rich chrome yellow color, tinted coppery rose in the center. The flower is gorgeous in the extreme when expanded, is full and large, its incurving petals forming a perfectly double flower of warm, luxurious colors, which vary from gold to orange yellow, blended with shell pink and nasturtium red. The originator describes this new variety as perpetual flowering, with flowers $3\frac{1}{2}$ inches in diameter. Gloriously superb. A rose sure to win popularity with a bound. **Strong two-year-old, Field-grown bushes, 50c. each; 3 for \$1.30; per dozen, \$5.00.** Delivered in the United States.

BARON DE BONSETTEN (See lithograph on back cover)—A superb dark rich velvety maroon color with crimson shadings. The blossom is very large and double; highly scented; absolutely hardy. The finest, deep rich red rose. No rose garden is complete without this glorious rose. Two-year-old field grown plants, 30c. each; 3 for 80c.; \$3.00 per dozen. Delivered in the U. S.

We offer the Challenge Collection—one each of the above 5 Roses—in one size only. All bushes are large, two-year-old, field-grown plants having from 3 to 7 branches cut back to from 18 to 24 inches high. They are ready to give immediate results and will yield an abundance of beautiful flowers the first summer.

Being field-grown roses we ship them only in the dormant state and therefore cannot fill orders after the first week in May. After that time smaller rose plants in foliage will be used in filling orders for this collection.

OUR NEW BOOKLET—"HINTS ON ROSE CULTURE"—will be mailed free with each order. It gives careful directions for growing perfect roses.

PRICE LIVINGSTON'S CHALLENGE COLLECTION OF FIVE MAGNIFICENT ROSES AS DESCRIBED ABOVE, **\$1.25** DELIVERED ANYWHERE IN THE UNITED STATES, WITH ALL CARRYING CHARGES PREPAID. **FOR OTHER COLLECTIONS AND COMPLETE LIST OF ROSES SEE PAGE 104 to 107.**

WHAT OTHERS SAY

READ THESE OPINIONS.

Had we the space we could publish many pages of equally strong expressions, showing the universal satisfaction derived from Livingston's Roses.

P. F. MERCER, Weston, Wood Co., Ohio, writes us under date of June 16th, 1908, as follows: "The Roses are now in full bloom, and are the finest we have ever had, so large and beautiful, and above all they are just as advertised, or represented. They are more than satisfactory to us and admired by our neighbors, by whom they receive a great deal of comment. Now, I want to thank you for such beauties and say that I certainly appreciate your honesty very much and can with all confidence recommend the Livingston Seed Co., for reliable seed, etc."

MRS. C. E. DAWLEY, Seattle, King Co., Wash., writes us: "I received the Roses in fine condition; was indeed pleased. They are throwing out new shoots. When I enlarge my garden I will surely remember."

MR. W. S. DORNBLASER, LaPlata Co., Colo., writes us under date of July 6th, 1908, as follows: "I bought Roses this year from several different nurseries, but the Peerless Collection of Roses I purchased from you were the finest plants I received from any of them. They seem larger and more vigorous than any other two year old plants."

LIVINGSTON'S Challenge Collection of 5 Magnificent HARDY ROSES.

All strong, two-year-old, field-grown bushes with from 3 to 7 stout branches cut back to about two feet long. Big Bushes for Immediate Blooming.

PRICE \$1.25

Delivered anywhere in the United States.

DESCRIPTION SEE PRECEDING PAGE.

MRS. JOHN LAING

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COMPLETE LIST OF ROSES
SEE PAGES 104 TO 107.

The LIVINGSTON SEED CO. COLUMBUS, O.