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AGRICULTURAL AND FORESTRY  
INVESTIGATIONS

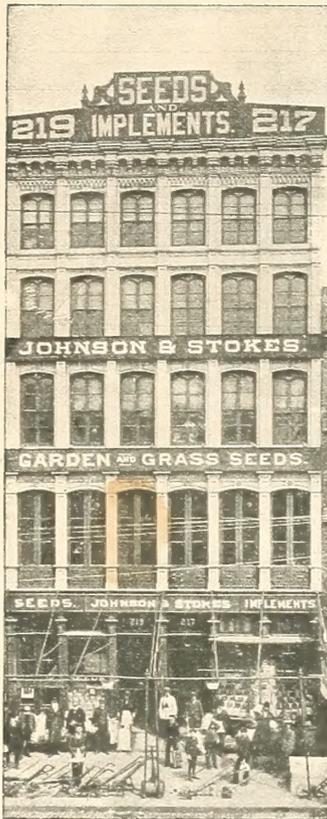
# JOHNSON & STOKES



1896



# GARDEN AND FARM MANUAL



“Prove all things, hold fast to that which is good”

**I**N the purchase of no other merchandise is this proverb more important than in seeds. The wise gardener and planter has the harvest in view when he selects his seedsmen. His seeds are his foundation. He not only wants the BEST SEEDS THAT GROW, but an assortment of VARIETIES IT PAYS TO GROW.

That our earnest efforts to furnish such for nigh on to a score of years have been appreciated, is evidenced by the record of a business which may be written in the word “SUCCESS,” especially when it be the record of such years as the two just past.

Our old customers are those who know us best, and from others we only ask the courtesy of a trial order.

## JOHNSON & STOKES

SEED WAREHOUSES:

217 and 219 Market St. ∴ 206 and 208 Church St.

PHILADELPHIA, PA.

### Our Illustrations Photographed from Nature.

To make our Catalogues strictly accurate and to set forth actual appearance and real merits without the exaggeration that so flagrantly appears in nearly all the seed catalogues published, led us some years ago to adopt the method of PHOTOGRAPHIC REPRODUCTION on half-tone plates, which has given our MANUAL an unique reputation for truthfulness and accuracy combined with beauty. This season we also show, on the cover of our Catalogue, specimens of vegetables photographed in actual colors by an entirely new and wonderful process. This has brought forth many favorable comments from leading agriculturists and newspapers, a few of which we publish below.

*From the AMERICAN FLORIST, Chicago.  
Issue of February 9, 1895.*

We have watched with interest the increasing use of the half-tone photo-engraving in illustrating catalogues. In many cases such engravings, owing generally to the necessity for cheap paper in catalogues, have not been very satisfactory, though an occasional excellent one has shown the great value of the process. It requires a special combination of well-etched plates, good paper, careful press-work and the right kind of ink to produce the right results. Messrs. Johnson & Stokes, Philadelphia, seem to have found the charmed combination, and their 1895 catalogue attests the great value of such plates correctly used. It is a distinct advance in this line and we extend our congratulations.

*Written for AMERICAN FLORIST by a  
well-known agriculturist.*

Have just read your article referring to half-tone photo-engravings contained in your issue of February 9. I am very glad to see that you consider the subject worthy of special mention, and that you so freely give honor where honor is due. I not only fully concur with you in all that you have published regarding the matter, but will say further, that in my humble opinion the time will soon arrive in the history of the seed trade when sensational and ridiculously over-drawn electrotypes and woodcuts will become a feature of the forgotten past, and half-tone engravings from nature only will be utilized in the construction of our seed catalogues of the future.

Any schoolboy can throw adjectives together proclaiming every known and unknown possible and impossible meritorious quality in connection with vegetables, fruits, etc., to be imagined by the most fertile brain, but it must remain for the art of the photo-engraving process to substantiate before the eyes of the seed buyer, at least in part, some of the strong claims contained in the seed catalogues of to-day.

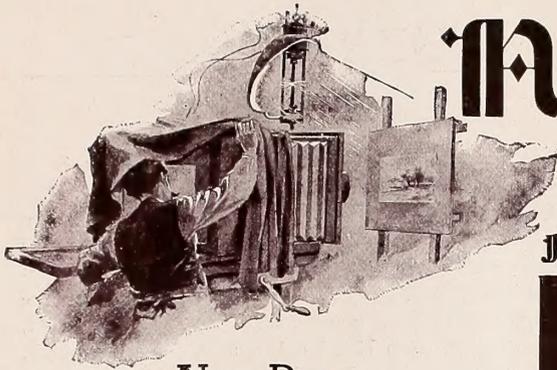
*From the Editor of the FARM JOURNAL,  
Philadelphia.*

I have just received your new seed catalogue for 1895 and looked it through. How much the half-tone cuts improve it! It is astonishing other seedsmen do not follow your example more than they do.

*From the PUBLIC LEDGER, Philadelphia.*

Novelties in vegetables and flowers are all right, so far as they are true novelties and selected by practical growers; but unfortunately many so-called novelties are neither the result of culture nor selection by practical workers in the field, but altogether the product of the sensational seed merchant, who does his farming at his desk, with his pen for his plow, drawn by an imagination so fertile as to have exhausted the vocabulary of the English language, to which he adds pictures and illustrations, often portrayed in such an undignified and offensive manner as to bring his business down to the level of the mountebank. In no business of the present day is there so much humbug and misrepresentation as in the seed business—misrepresentation in description of color, form and merit of vegetables and flowers, due, on one hand, to ignorance, and on the other to design, by illustrations or pictures of monstrous and impossible vegetables and flowers; pictures of farms situated on the moon or some other inaccessible place; bunco tricks, all schemes to catch the eye and take the money of the confiding gardener. Market gardeners who spend their own cash are not so ready to fall victims to the modern catalogue seedsmen.

This reprehensible practice, originated by English seedsmen, has been adopted in this country, and, as Americans do not like to be outdone by Britons, they have gone, not one better, but advanced by strides and jumps, till the English seedsmen hides his head in abashment at his own insignificance.



# Novelties and Specialties

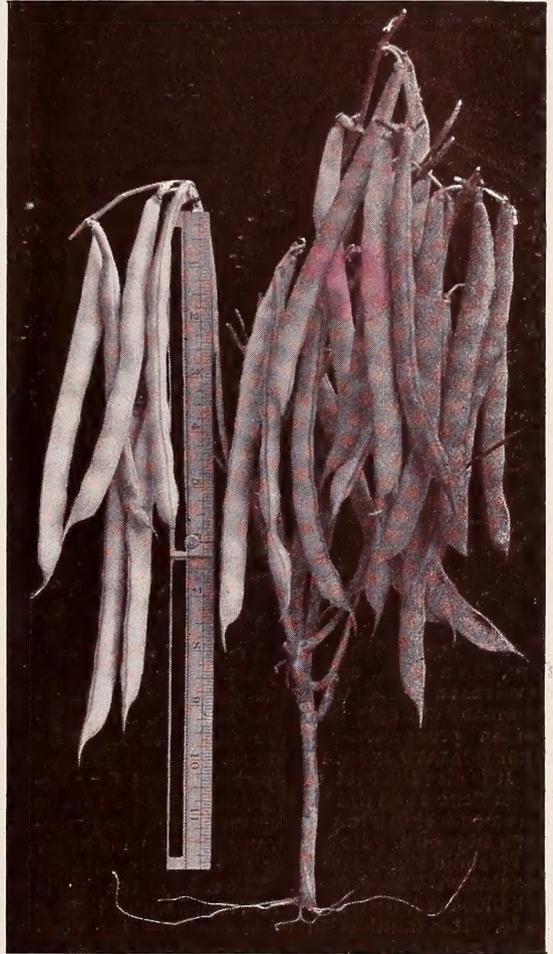
From Actual Photographs.

New Bean.

## DAVIS KIDNEY WAX.

An Enormously Productive Rustless Wax Podded Bush Bean, Having Clear White Kidney-Shaped Seed.

Originated by a well-known market gardener, Eugene Davis, of Michigan. Extensive trials the past two seasons have proven this New Bean the largest cropper, the handsomest pod, the best shipping and market Bean in cultivation. The plant is vigorous and healthy, of compact, upright growth, carrying its pods on the centre and well up from the ground. The pods are very long, oval, clear waxy-white color, and, when of suitable size to use for snaps, entirely stringless, showing no tendency to string until they approach maturity. Practical market gardeners and canners are delighted with it, because of its hardiness, productiveness and handsome appearance. The large, white, handsome, kidney-shaped dry beans are very attractive. This new bean is sure to become a very popular standard sort for both the market and private garden. Per pkt., 15c.; pint, 50c.; qt., 90c., post-paid; qt., 75c.; 4 qts., \$2.50; peck, \$4.00, by express.



Photograph of a single plant of Davis Kidney Wax, showing its handsome pods and wonderful productiveness.

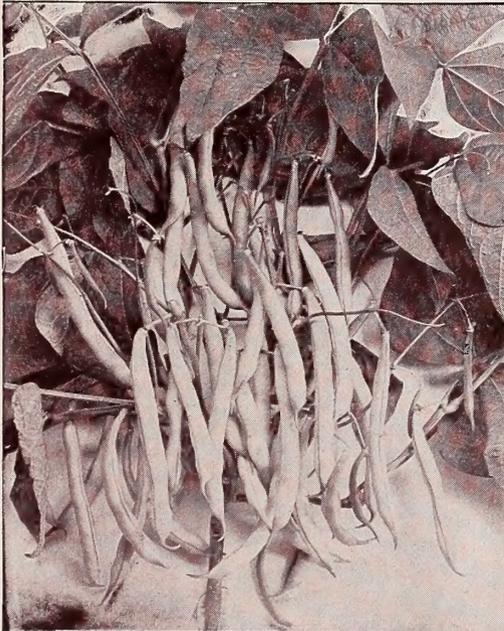


PHOTO OF A PLANT OF THE NEW VALENTINE WAX.

## NEW VALENTINE WAX.

THE EARLIEST WAX BEAN.

This new variety, offered last season for the first time, is the long-looked-for Bean, an Improved Round Pod Extra Early Valentine, with handsome round yellow or wax pods. The type is so perfectly fixed that only one plant with green pods, and that probably from a stray bean, was found in the field of the originator, Mr. T. V. Maxon, the noted bean grower of Jefferson Co., N. Y. It is the earliest wax bean yet produced; planted June 18th, pods over 4 inches long were picked July 25th. Pods very meaty, entirely stringless, remarkably free from rust and of the best quality. All who saw our field before harvest pronounced it the most uniform and fullest podded field of beans they had ever seen. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$2.00; bush., \$7.50, by freight or express.

## .. Crosby's .. Improved Egyptian Beet.

A very superior strain of the well-known Egyptian, carefully selected for years by Mr. Josiah Crosby, a noted Eastern market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few small tops, very small tap root, fine quality, deep blood color, and, above all, quick, rapid growth. The shape is very desirable, as shown in the accompanying photograph, being 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 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 for a market where beets are sold in bunches. Once used, it is preferred to Egyptian or Eclipse for forcing in frames or for first sowing outside. It does not become woody and tasteless, like the old Egyptian, when allowed to stand a little too long, and being a rapid grower, it may be sown outside as late as July. No market or private grower who values earliness should fail to give the Crosby's Egyptian a trial. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

Photograph of Crosby's Improved Egyptian, the great forcing Beet.

## Johnson & Stokes' New Surprise Beet.

This beet, originated and selected on our own farm, has now had several years' thorough test by ourselves and hundreds of practical market gardeners among our customers, and we have no hesitation in pronouncing it the EARLIEST BEET OF FIRST QUALITY EVER PRODUCED.

It is also the best turnip-shaped beet for market gardeners and the home garden. Its neat shape and smooth skin are well represented in the photograph herewith. Its small, upright-growing tops, the splendid shape and color of the roots, make it **Popular with Everyone**. The color of the skin is dark blood red, flesh bright red, zoned with a lighter shade. It is faultless in table qualities, the flesh being remarkably sweet, fine grained and tender in all stages of growth; neither is it liable to crack open like many other first early sorts. In short, this is not only the *earliest* beet, but also one of the very *best*—a combination of which shrewd growers everywhere are quick to take advantage. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

### A New Bean.

## Rogers' Lima Wax.

A decided novelty, now offered for the first time. Its bright, glossy foliage and bloom resemble Dwarf Lima. The pods are the broadest of all Wax Beans, of most excellent quality as Snaps, and retain their bright and attractive appearance a long time after picking. Seed small, oval and pure white, with delicious Lima flavor when cooked. Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.

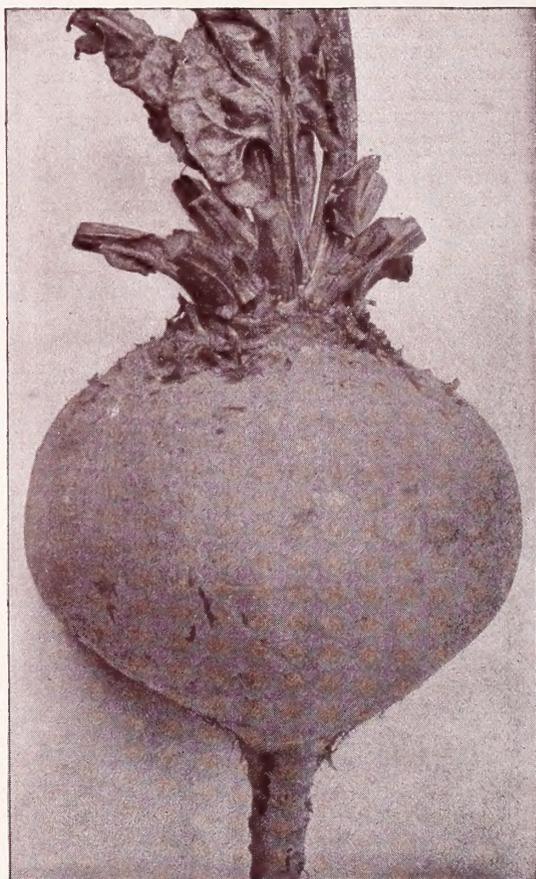


Photo of Johnson & Stokes' New Surprise, the earliest Beet of first quality in cultivation.



Cutting Johnson & Stokes' Earliest Cabbage for market. Photographed June 1st, in the field of Messrs. Myers & Bowman, the well-known Philadelphia market gardeners. This was the first home-grown Cabbage offered for sale in Philadelphia markets. For illustration and description, see page 28. Seed, per pkt., 10c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

## Johnson & Stokes' Early Alabaster Cauliflower.

We confidently recommend this as both the earliest and the finest cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf, erect habit, with short outer leaves. It can be planted less than two feet apart each way. It is a **sure header**, every plant forming a large, solid, perfect head, of remarkably pure white color, of the finest table quality.

All market and family gardeners who have failed in growing this delicious vegetable may rest assured that the trouble has come from either inferior or imported unacclimated seed; and they should bear in mind that our seed of the **Early Alabaster** is **American grown**, and from it a crop of cauliflower can be grown as easily as a crop of cabbage, and with greater profit, as one ounce of cauliflower seed will produce about 2,500 plants, the crop of which would usually bring in this market \$300 to \$400. Pkt., 25c.; 5 pkts., \$1.00; ¼ oz., \$1.35; ½ oz., \$2.50; oz., \$5.00; ¼ lb., \$16.00.



**Early  
Alabaster  
Earliest of All  
Easiest Grown  
Surest Header**



## NEW ROCK HEAD

THE GREATEST  
OF ALL WINTER  
CABBAGES.

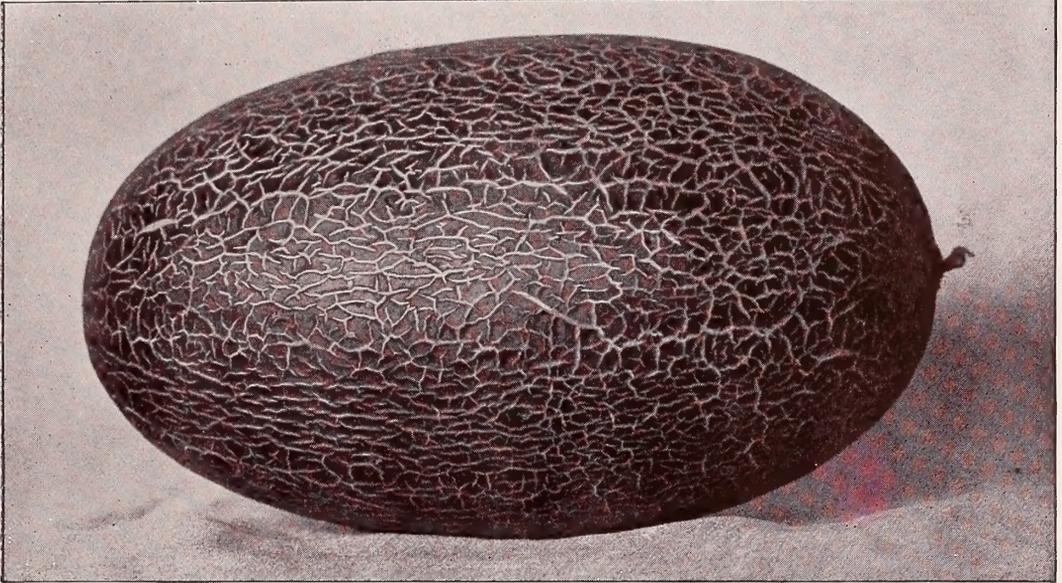
# New Rock Head Winter Cabbage.

When we introduced our famous **Matchless Late Flat Dutch Cabbage**, a few years since, we thought perfection had been reached in late or winter cabbages. Not until our attention was called to this sort, a few years since, did we find one that would at all compete with it. In the **New Rock Head**, however, we believe it has a successful rival. It is of enormous size, perfect shape, and combines all those qualities so desirable to render a late cabbage perfect in every respect, viz., **size, weight, quality, sure heading** and a **long keeper**. We have received hundreds of letters from growers of this cabbage, and there has been but **one verdict from all—Rock Head the largest, most solid and best selling cabbage ever grown.** Pkt., 15c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

## New Seeds Free For Trial.

For many years past we have, each season, distributed free, for advance trial among our customers, packages of **New and Improved Varieties**, previous to their introduction. Some of our most **Valuable Novelties** have been first sent out in this way, by which means they were tried in all sections of the country, thus enabling us to offer them the next season with greater confidence, when reports are entirely satisfactory. We shall follow the same plan in 1896, and have again put up a number of most distinct novelties, which have never been offered for sale, and will not under any circumstances be sold this season; but we shall be glad to add one or more packages **free of charge** to all customers whose orders exceed \$1.00, and indicate an interest in new varieties. All who deal with us will be treated liberally. We shall also be glad to receive samples for trial from customers who have new or superior varieties unknown to the general public.

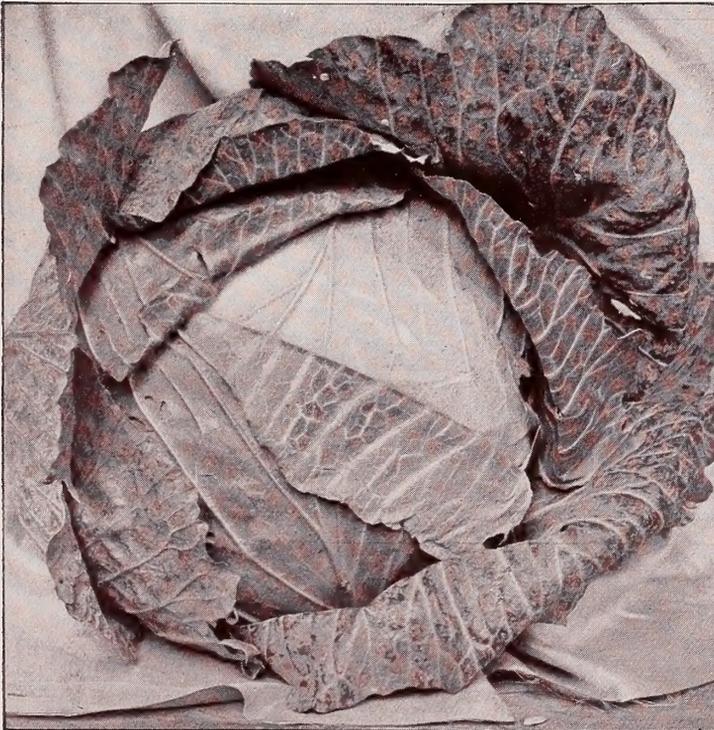




## New Eskimoso. The Earliest Cucumber in Cultivation.

In introducing this very valuable new cucumber, we cannot do better than to quote the words of the originator, Chauncey P. Coy, who is probably the largest and most experienced producer of cucumber and other vines in the United States. Mr. Coy writes: "We first found a single specimen in a crop of Siberian, while gathering pickles; it was dead ripe, dark and rusty, indicating such great earliness that we saved the seed, and have bred it up by years of careful selection until we now consider it ready for introduction. In comparing it with Early Russian, we find it ready for use a good week ahead of that heretofore earliest known sort. The vines are dwarfish; it sets close to the hill and needs but little space to grow. Its excellent quality and extreme earliness are its great merits." We have purchased

the entire stock of the originator, at a high price, and can only offer it in packets and ounces this season. Per pkt., 15c.; 2 pkts., 25c.; oz., 75c.



THE . . .

## Lupton Cabbage.

Originated by Mr. J. M. Lupton, the largest individual cabbage grower on Long Island, who writes us as follows: "I originated the Lupton from a single early plant of a late variety; it is between the two in point of size and season of maturity, coming in after the second earlies and before the late—more thoroughbred and holding color better than any late sort. It combines the health and vigor of late sorts with the uniformity and sure heading qualities of the best second earlies. I believe it will become the leading main crop cabbage." Prices of seed grown by the originator: pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.



## New Perle Le Grand Celery

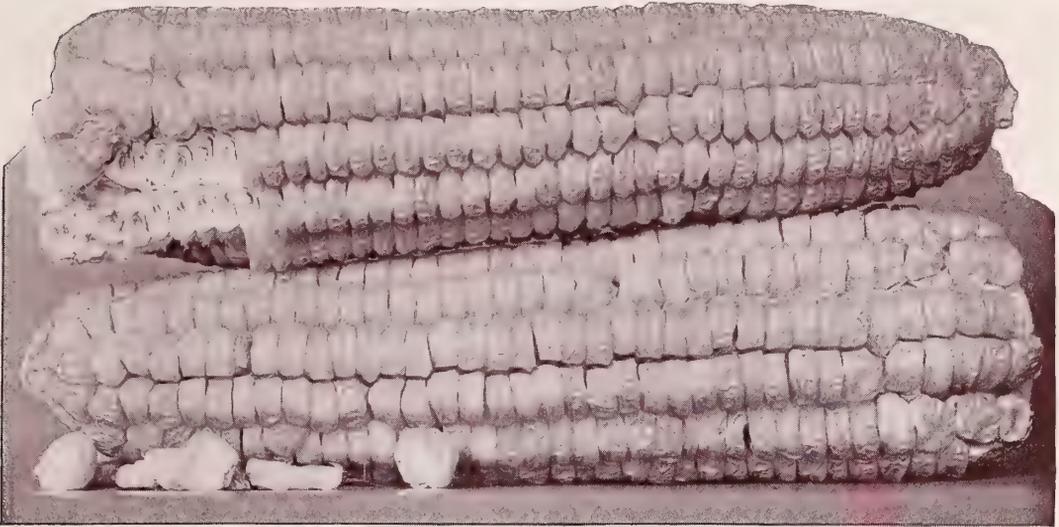
The New Perle Le Grand is the most remarkable novelty in celery obtained since the introduction of our Golden Self-Blanching in 1883. Our photograph above will give some idea of its handsome form, stocky, robust and close habit. Its beautiful, full, golden heart and rich nutty flavor are unapproached by any other variety. It is not only a good early celery, being among the first fit to use, but surpasses all other celeries as a winter keeper, remaining, when properly trenched, in perfect condition away into the spring, when all other varieties are done. Pkt., 15c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

## Rubicon Half-Long Orange Carrot

In the Rubicon we have an entirely distinct American Carrot. It is the best in shape, and its deep red orange-colored flesh is the finest in quality of all. It is earlier than Danvers, about the same length, but heavier and thicker at the shoulders, making it more productive. It is a wonderfully heavy cropper, producing 30 to 40 tons to the acre under good culture. It grows without neck, and well under the ground, which prevents it from becoming sunburnt—a very important feature. Many leading market gardeners and farmers are now planting the Rubicon to the exclusion of all others. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00, post-paid; 5 lbs. and over, 85c. per lb., by express.



Photograph of Rubicon Half-Long, the most thoroughbred and most productive of all Carrots.



PHOTOGRAPH OF AVERAGE EARS OF THE NEW EARLY CHAMPION SWEET CORN.

## NEW EARLY CHAMPION SWEET CORN

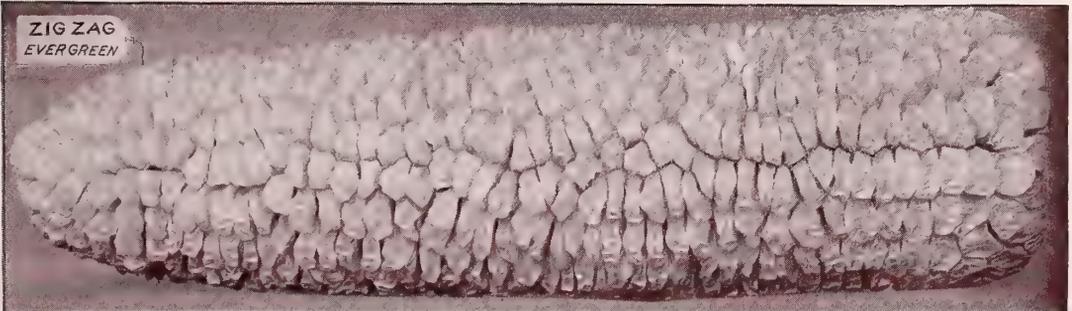
THE MARKET MAN'S MONEY MAKER

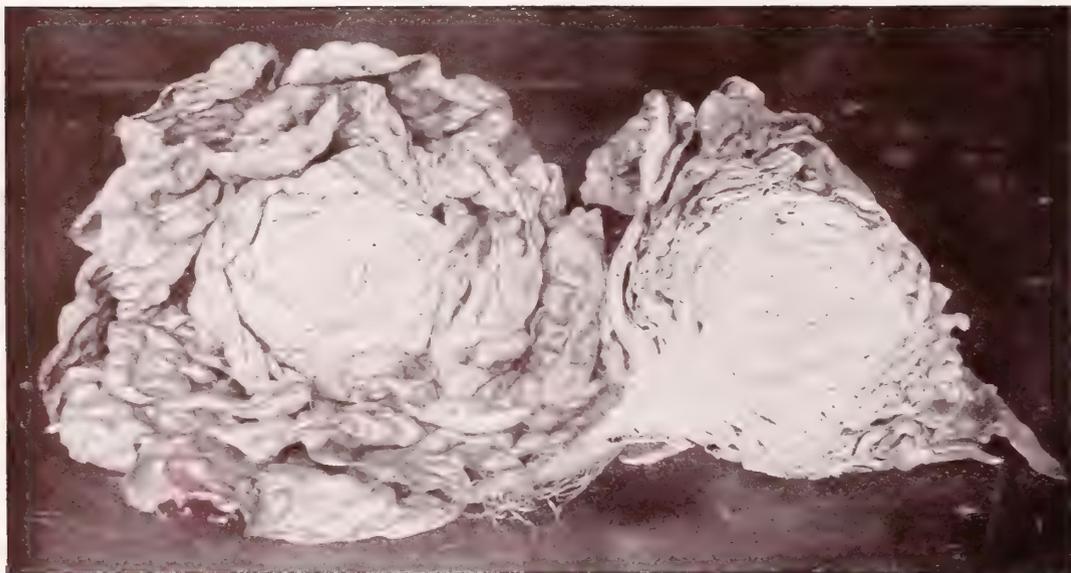
In recent years we have introduced several new varieties of sweet corn, all of which have now become leading standard sorts. From our trials and experience with the New Champion, however, we predict that when fully introduced it will become the **leader of them all**. Mr. E. B. Clark, of Connecticut, is one of the largest growers of Seed Sweet Corn in this country, and we know of no one who is a better authority on the subject; he writes us as follows: "New Champion is the largest and best early corn we know of. It ripens a little earlier than Crosby's Extra Early, with an ear larger than Concord; in fact, many of the ears grow fully as large as Evergreen. It is 10 and 12 rowed and pure white in color. Its earliness and large size will certainly make it one of the most desirable for market or home use." Per pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.25; bush., \$4.00, by freight or express.

## NEW ZIG-ZAG EVERGREEN SWEET CORN

THE SWEETEST OF ALL  
SUGAR CORNS

This new sweet corn came to us so highly recommended that we gave it an exhaustive trial at **Flora-croft Trial Grounds** last season, and are glad to say that the high recommendation given it was not the least overdrawn; we found it one of the **sweetest and best late Sweet Corns** we have ever grown, not even excepting the celebrated **Country Gentleman** and **Shoe Peg**. The ears resemble Stowell's Evergreen in size and shape, except that the kernels are placed irregularly or zig-zag upon the cob, which is always an indication of great sweetness in any variety of sugar corn. Per pkt., 10c.; pint, 20c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight or express.





PHOTOGRAPH OF A SINGLE HEAD AND SECTION OF THE NEW NO. 66 OR TREASURE LETTUCE.

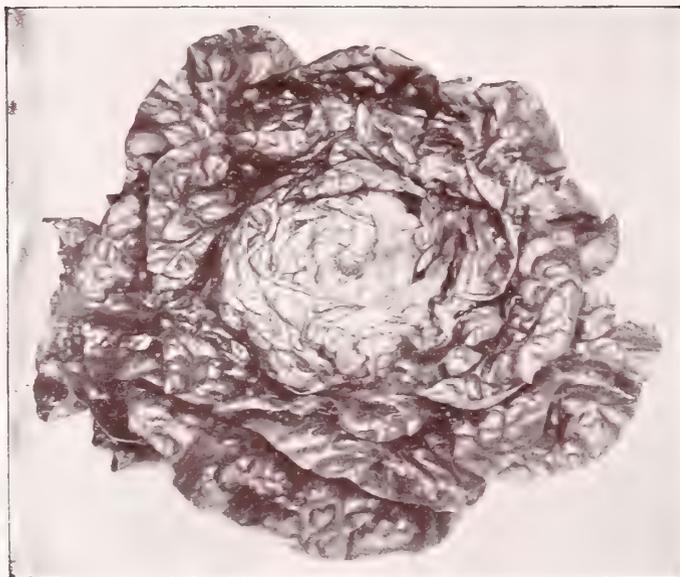
## THE TREASURE LETTUCE.

A Valuable New Sort of Superb Quality.

After two years' tests at Floracraft Trial Grounds, we were so thoroughly convinced of the superior qualities of this new lettuce that, in 1894, we distributed several thousand sample packets, labeled "New Lettuce No. 66," for trial among our customers. It has given pronounced satisfaction in all sections of the country. The name given it was suggested by an enthusiastic market gardener, who says in his report: "I have, in the last twelve years, grown and tested hundreds of varieties of lettuce, but this new one of yours, No. 66, is the greatest **Treasure** of them all."

The **Treasure Lettuce** forms a fine, large, solid head, with leaves of a rich creamy-yellow color, which are very tender and buttery in flavor, surpassing nearly all other sorts in fine quality. It is a fine early lettuce and also one of the best Summer varieties, being extremely slow to shoot to seed. It will delight all planters who grow it. Pkt., 15c.; oz., 30c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

The Best Early and Forcing **NEW SENSATION.**  
 \*\*\*\*\* LETTUCE \*\*\*\*\*



This remarkable variety, introduced by us a few years since, has rapidly grown in popularity among our best gardeners, who all agree in pronouncing it not only the best lettuce they have ever grown for forcing in hot-bed and greenhouse, but equally valuable for growing in cold frames and in open ground during the hottest summer months. It is a beautiful light yellowish green color, leaves much blistered on the surface, as shown in photograph alongside, and of very superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder of any lettuce we have ever grown, yielding only about one-fifth the quantity of seed produced by other sorts, and is necessarily high in price. We offer choice seed of our own growing. Pkt., 15c.; oz., 45c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.00.



JERSEY BELLE MUSKMELON.

THE CAPTAIN MUSKMELON.

THE TWO EARLIEST MUSKMELONS KNOWN.

## THE CAPTAIN AND JERSEY BELLE.

The **Captain Muskmelon**, seed of which is now offered for sale for the first time, attracted our attention last June, by its appearance in Philadelphia markets a week before any other New Jersey grown

melons. As the grower refused to sell the seed, we were obliged to pay high prices for the melons, in order to obtain seed stock for planting. They are a handsome green-fleshed sort, as shown in our photograph above, also in photograph in colors on back of this book. It will prove a bonanza to every gardener who grows them. Per pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Jersey Belle**, introduced by us in 1893, although not quite so early as the Captain, does best on light soils, and will develop perfectly even on white sand. As shown in photograph, it is flattened on the ends, deeply ribbed and heavily netted, indicating by its outward appearance the **exquisite quality** of the beautiful green flesh within. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## GRAND + RAPIDS.

A new extra early yellow-fleshed sort of the finest quality rapidly gaining popularity in the West, where it has been sold as high as \$2.50 per dozen to hotels. Its handsome shape and appearance are well shown in the photograph alongside. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.40.

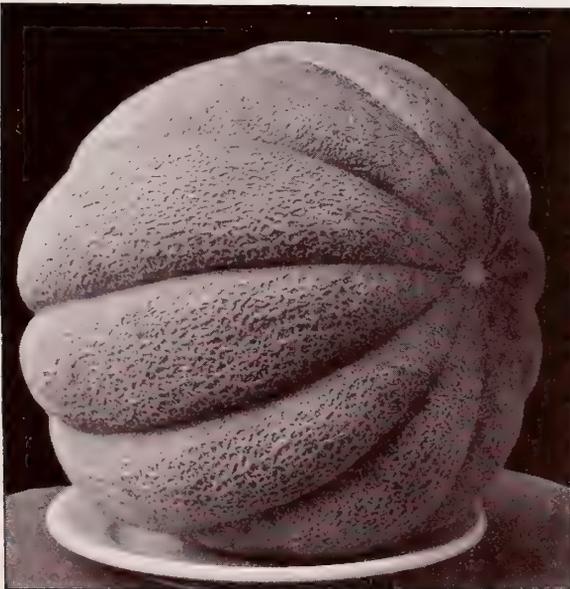
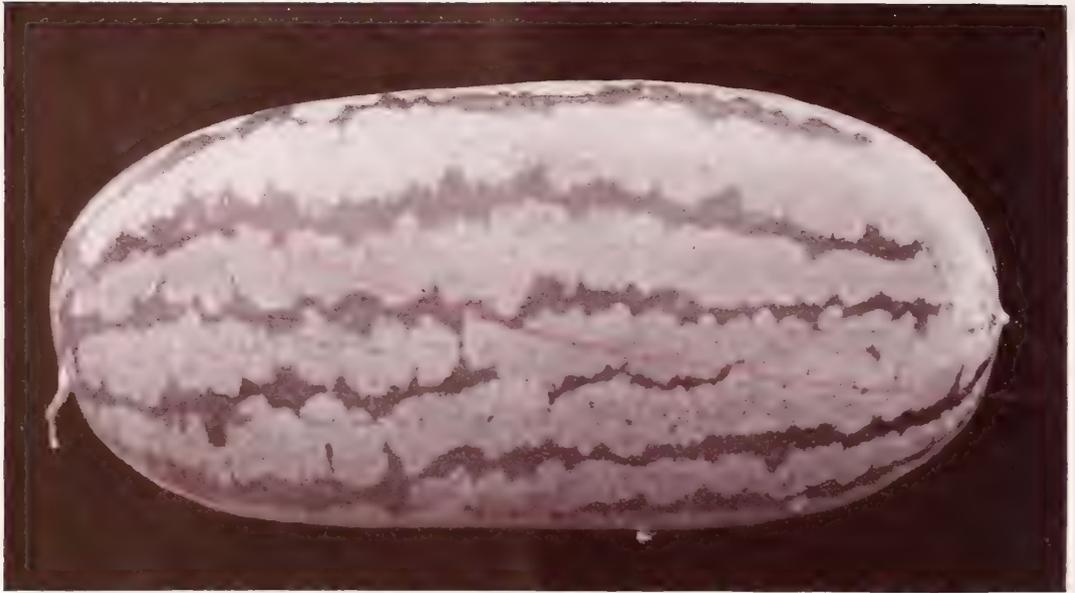
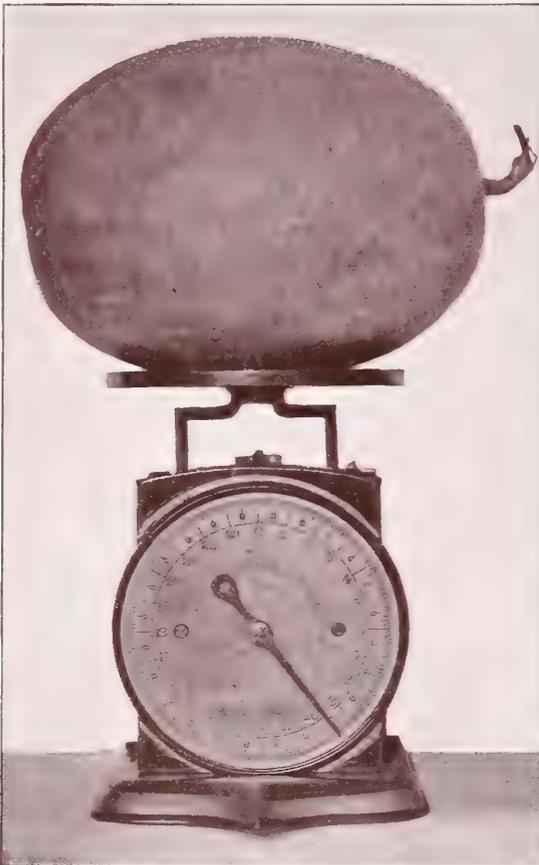


PHOTO OF THE GRAND RAPIDS MUSKMELON.



McIVER'S WONDERFUL SUGAR WATERMELON.

## McIver's Wonderful Sugar Watermelon.



A LONE STAR, WEIGHING 9½ LBS.

This new watermelon was first brought to notice by Col. E. R. McIver, of North Carolina, the seed having come originally from the West Indies. In outward appearance it somewhat resembles the old Rattlesnake. The quality, however, is so much superior that it is an injustice to mention the Rattlesnake on the same page with it, as it even surpasses such excellent varieties as Florida Favorite and Icing. It is also an extremely productive and hardy variety, never cracking or losing its fine flavor in the wettest seasons. Per pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

## The Lone Star ..Muskmelon.

See photograph in colors on back of this book.

A magnificent new melon from Texas. It surpasses all others in its luscious, thick salmon-colored flesh, and fine, large size. A Lone Star, owing to its unusually thick flesh, will weigh nearly double that of any other melon of the same size. It is free from ribs, and finely netted, as shown in photograph alongside. Although of Southern origin, it succeeds well in the most Northern States, and stands handling and shipment without losing its fine appearance. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

### OTHER NEW MELONS.

We would also call attention to the following new sorts, which will be found described in our General List under their respective headings :

**New Tip-Top Nutmeg Muskmelon.**  
**Long Island Beauty Muskmelon.**  
**New Melrose Muskmelon.**  
**Perfected Delmonico Muskmelon.**  
**New Sweet Heart Watermelon.**  
**Cole's Early Watermelon.**



## THE MAMMOTH PRIZETAKER ONION.

This handsome variety was first introduced by us a few years since from Spain, where it is largely grown for shipment to other countries. Hundreds of American onion growers agree in pronouncing it the largest, handsomest, and most profitable yellow variety they have ever grown. It is the very large, beautiful onion that is seen every fall on sale at the fruit stores and stands in the large cities (see photograph above,  $\frac{1}{2}$  natural size). The outside skin is of a rich yellow straw color, while the flesh is white, sweet, mild and tender. They bottom well, are free from stiff necks and produce enormously. The seed we offer is American grown, crop of 1895, and much superior in quality to the cheaper imported seed offered by some. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00, post-paid; 5 lbs., \$8.75; 10 lbs. and over, \$1.65 per lb.

## NEW WHITE PRIZE-WINNER ONION.

In magnificent shape and enormous size, the **White Prize-Winner** is the exact counterpart of the **Mammoth Yellow Prizetaker**, described above, differing only in its handsome silvery white skin. Hundreds of our best market gardeners and onion growers have given it a trial, and, judging by the large number of favorable reports, **nothing equal to it** in the line of white onions has ever before been grown in America. One enthusiastic customer, who grew it, says: "It completely astonished me; there has never been an onion grown in America that can hold a candle to it." Another writes: "It is the most valuable addition to the onion family ever made." It will pay every onion grower to sow the **White Prize-Winner**. Per pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50, post-paid.

At **FLORACROFT Trial Grounds** we plant, each season, samples of all "**Novelties**" offered by other seedsmen. Thus we are enabled to satisfy ourselves of the true character and value of any novelty before it can find a place in our Catalogue.

Here are also located our **Seed Testing Houses**, where a sample of each lot of seeds we handle is **tested for vitality**, to find how many seeds in one hundred will grow, as well as for **purity and quality of stock**. In fact, we leave no stone unturned to gain and hold the confidence of all customers and assure them from disappointment.





## True American Extra Early Pearl Onion.

The earliest of all the white varieties, growing to enormous size and shape as shown in photograph above; of pearly white color, the outer skin having a very showy, waxy appearance, flesh of a pure snow white, and flavor so mild that it can be eaten like an apple. It grows with wonderful rapidity, reaching, the first season from seed, the enormous size of six to seven inches in diameter, frequently weighing three to four pounds each. A splendid keeper, succeeding everywhere, and requiring only thin soil. Our seed of this wonderful variety is Philadelphia grown, and should not be confounded with a cheap imported variety offered by some dealers under the same name. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75, post-paid; 5 lbs., \$13.00; 10 lbs. and over, \$2.50 per lb., by express.

### Prices for Our Pedigree Onion Seed in Quantity.

See Remarks on Philadelphia Grown Onion Seed, Page 46.

Our 1895 crop of Pedigree Philadelphia Onion Seed is unusually plump and heavy, and, subject to our greenhouse test in Mother Earth, shows perfect germinating power. We have made prices at the lowest living rate for the quality we furnish, and are sure that no reliable seedsmen can sell seed of equally as good quality for less money. These prices do not include postage, and are for seed sent by express or freight at purchaser's expense.

	Per lb.	5-lb. lots, per lb.	10-lb. lots, per lb.
Round Yellow Danvers, selected for handsome, round shape, . . . . .	\$1 10	\$1 00	\$0 90
Philadelphia Yellow Globe Danvers, one of the best yellow onions, . . .	1 40	1 35	1 25
Rhode Island Yellow Cracker, the earliest yellow onion, . . . . .	3 15	3 10	3 00
Rhode Island Red Cracker, the earliest red onion, . . . . .	3 15	3 10	3 00
Philadelphia Extra Early Red Flat, two weeks earlier than Wethersfield, . .	1 65	1 60	1 50
Philadelphia Extra Early Red Globe, new, very early and desirable, . . .	1 90	1 80	1 75
Extra Large Red Wethersfield, the most popular red onion, . . . . .	1 65	1 60	1 50
Southport Large Red Globe, matures late, a splendid keeper, . . . . .	1 65	1 60	1 50
New Golden Ball, the greatest keeper of all onions, . . . . .	2 65	2 60	2 50
Southport Large Yellow Globe, popular in New England, . . . . .	1 50	1 45	1 35
Philadelphia Yellow Dutch or Strasburg, the best yellow onion for sets, . .	1 15	1 10	1 00
Mammoth Prizetaker, the largest and handsomest yellow onion, . . . . .	1 90	1 75	1 65
New White Prize-Winner, except in color, the counterpart of Prizetaker, . .	3 40	3 30	3 25
Southport Large White Globe, very large and handsome, . . . . .	2 40	2 35	2 25
New Ivory Ball, the best keeping white onion, . . . . .	3 50	3 35	3 25
Philadelphia White Silver Skin, or Portugal, the best white onion for sets, .	1 90	1 80	1 75





OUR FIELD OF PRIDE OF THE SOUTH, GROWN IN AROOSTOOK COUNTY, MAINE, YIELDING 550 BUSHELS PER ACRE.

## NEW EXTRA EARLY POTATO, PRIDE OF THE SOUTH.

This is a **white sport** of the **Bliss' Triumph**, first found a few years ago in a large field of that popular variety. The type is fixed to such an extent that in a field of two acres, but one-half dozen Red-Skinned Potatoes were found. It is not only the earliest, but produced more bushels to the acre than any other first early potato ever grown in Aroostook County. In ripening, the vines die down all at once, thus giving the blight, which works down into the potatoes through the vine, no chance to work. It is a quick, strong and vigorous grower, and in cooking qualities very superior. It was distributed in a small way last season among prominent planters in many of the Southern and Middle States, who all agree in pronouncing it the most profitable potato they have ever grown, bringing from 50 cents to \$1.00 per barrel above the price of Red Bliss Triumph and other extra early sorts, on account of its great earliness, beautiful white skin and handsome shape. Price, large tubers, per lb., 40c.; 3 lbs., \$1.00; 50 good, strong eyes, \$1.00, by mail, post-paid. Peck, 80c.; bush., \$2.25; barrel, \$5.00, by freight or express.

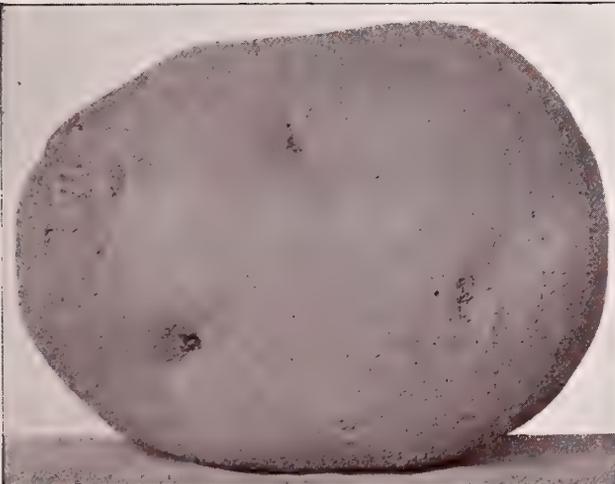
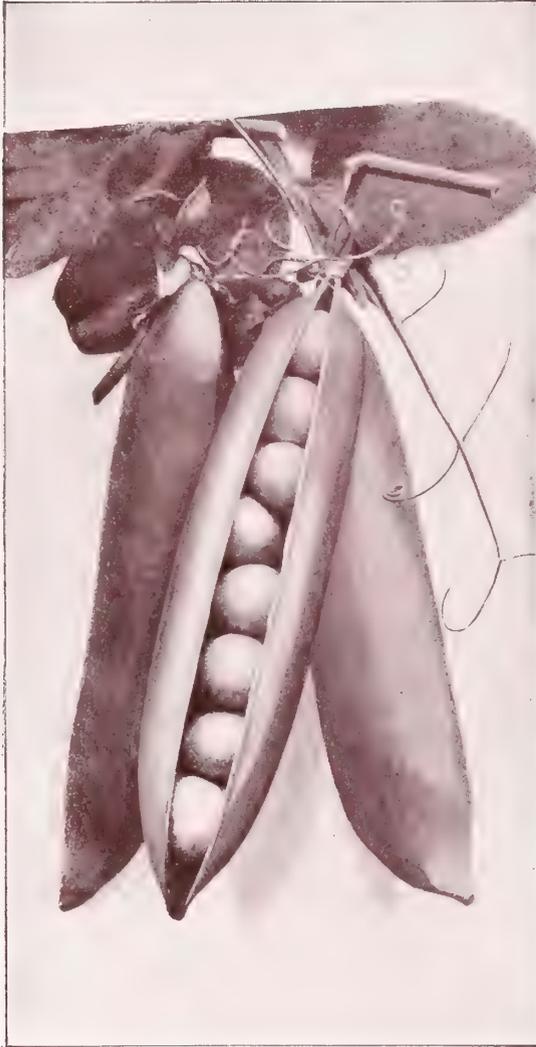


PHOTO OF AN AVERAGE TUBER OF THE TABLE KING.

## NEW POTATO, TABLE KING.

The **Table King** is a new seedling originated in Washington County, the banner potato county of New York State. We have had it tested the past season in different States, and, judging from the numerous favorable reports, we think it has a great future and is destined to become the **best all-around potato on the market**. The skin is a light russet color, with few and shallow eyes. The flesh is snow-white, remarkably dry, smooth and floury when either baked or boiled. Their flavor as a table potato is not exceeded by any variety that grows. The vines are unusually strong and healthy. The tubers lie compact in the hill, ripen medium early, and are entirely free from scab, rot or disease of any kind, and crop enormously. Price, tubers, lb., 40c.; 3 lbs., \$1.00; 50 eyes, \$1.00, post-paid; peck, \$1.00; bush., \$3.00; barrel, \$6.00.

## New Pea No. 80, <sup>Now</sup> Called **The Crown Prince.**



NEW ENGLISH PEA—THE CROWN PRINCE.

## New Giant Podded Marrow Pea.

This fine new pea has given wonderful satisfaction to all who have planted it. It grows about two feet high, and bears enormous, handsome pods, frequently seven to eight inches in length. The pods are completely filled with large, deliciously flavored, deep green peas. They require no support, owing to their dwarf, stocky habit. We know of no pea from which so large a bulk of produce can be obtained from a given number of vines. It is much hardier than either the Telephone or Stratagem, and can be planted much earlier; it matures about ten days later than our famous Extra Early, making a valuable second early as well as the finest late pea. Your garden will not be complete without it. Pkt., 10c.; pint, 35c.; qt., 60c., post-paid; qt., 45c.; 4 qts., \$1.50; peck, \$2.25; bush., \$8.50, by express or freight.

We distributed last spring, for advance trial among our customers, 5000 packages of this pea, labelled **New Garden Pea No. 80**. In not a single instance have we had an unsatisfactory report, and it would take almost every page of this book to publish all we have received. Nothing we have ever sent out has been so highly commended; almost every report winds up with "**The best Pea I have ever grown.**" Our original seed of **The Crown Prince** was imported from one of the most famous pea hybridizers of England. It grows to a height of 18 inches, with large, broad pods, containing from 7 to 9 large peas of the finest flavor, completely eclipsing the Stratagem, Telephone and others of its class, in both quality and productiveness. It is unquestionably one of the most valuable of all the medium late sorts. Try it. Large pkt., 15c.; pint, 40c.; qt., 75c., post-paid; qt., 60c.; 4 qts., \$2.00, by freight or express.

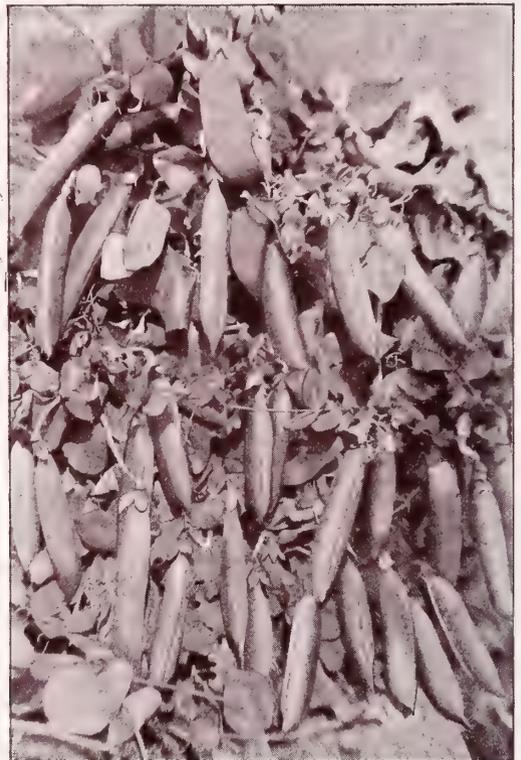
### A Few of Hundreds of Reports.

W. A. LANDERS, Ridgeland, N. Y., Oct. 11, 1895, writes: "New Pea No. 80 (Crown Prince) proved to be the heaviest bearer of the largest peas I ever saw; a week later than Telephone; unexcelled in quality."

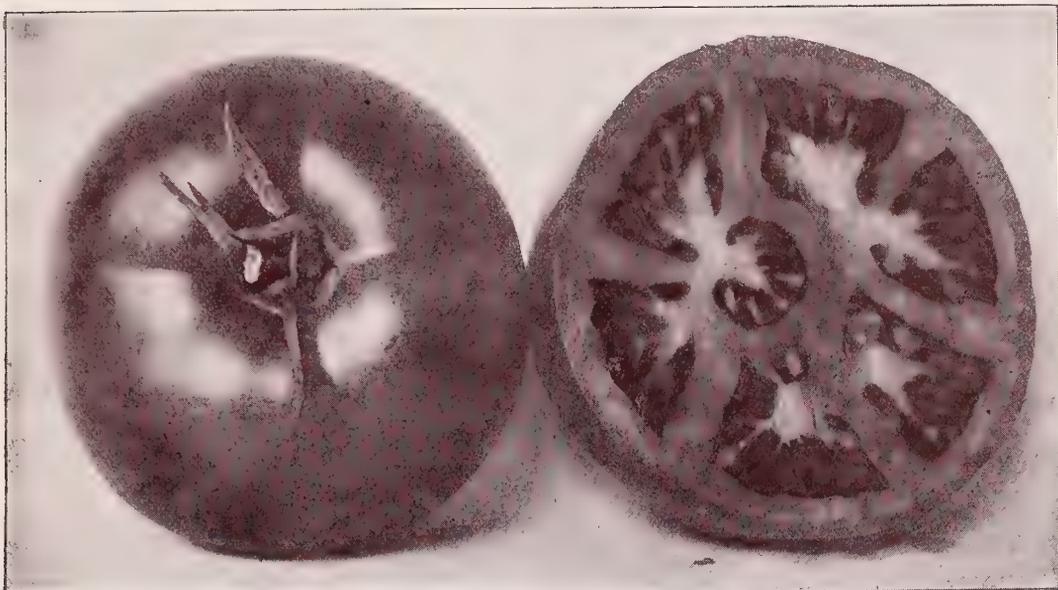
JACOB T. TIMPE, Grand Ledge, Mich., Oct. 1, 1895, writes: "New Pea No. 80 (Crown Prince) is a grand one, and will prove a most valuable addition. It promises to be the best pea we ever had."

A. M. WASSON, New Hudson, N. Y., Oct. 11, 1895, writes: "Your New Pea No. 80 (Crown Prince) did well here. I never saw larger and finer peas than this one; altogether the best pea I have ever grown."

GEO. S. WORCESTER, Thetford, Vt., Oct. 2, 1895, writes: "The New Pea No. 80 (Crown Prince) sent me for advance trial last spring, is a wonderful bearer, of first quality; the best we have grown."



Photograph of Plant of GIANT PODDED MARROW PEA, showing its wonderful productiveness.



### LIBERTY BELL. THE EARLIEST GOOD TOMATO.

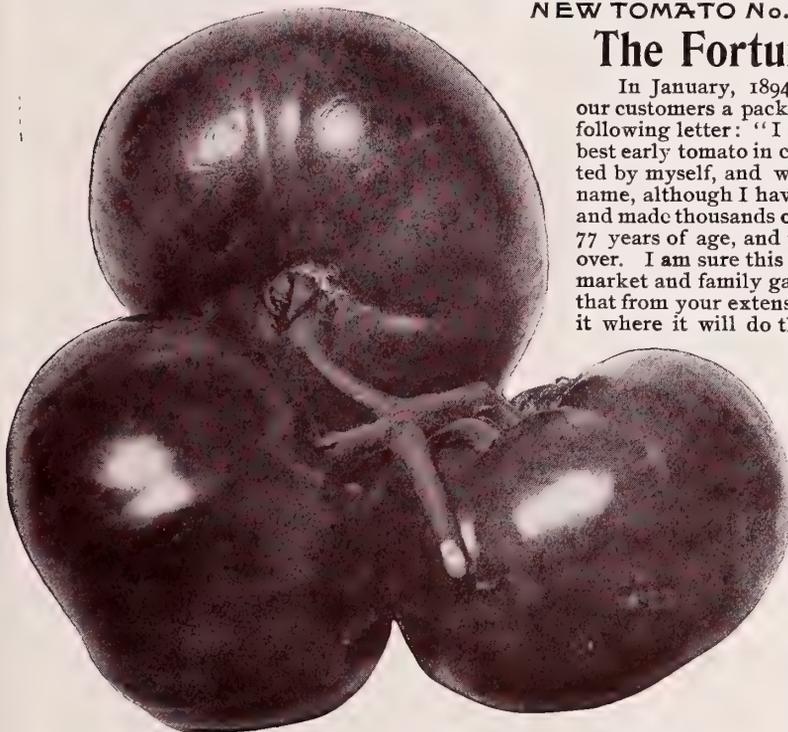
For many years we have paid the closest attention to Tomatoes, with the result that many of the most popular varieties now in cultivation were first introduced by us. When we first offered, some years ago, the now famous **Atlantic Prize** and **Market Champion**, we supposed perfection had at last been reached in **Extra Early Tomatoes**; but from our own tests for the past few years, and the unqualified endorsements of hundreds of customers who have grown it, we believe we have, in the **New Liberty Bell**, the best, most productive and smoothest first early red tomato ever introduced to the American public. The introduction of the **Liberty Bell** has already added many dollars of profit to market gardeners, producing, as it does, large quantities of first-class tomatoes; a week to ten days earlier than any other good tomato. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

### NEW TOMATO No. 100, NOW CALLED

### The Fortune Tomato.

In January, 1894, we received from one of our customers a package of tomato seed, with the following letter: "I send you  $2\frac{1}{2}$  ounces of the best early tomato in cultivation, a variety originated by myself, and which I have never given a name, although I have grown it for several years and made thousands of dollars out of it. I am now 77 years of age, and my trucking days are about over. I am sure this tomato will prove a boon to market and family gardeners alike, and knowing that from your extensive trade you will distribute it where it will do the most good, I place it entirely in your hands."

After thorough trials, not only at Floracraft Trial Grounds, but also in the gardens of over five thousand of our customers to whom we sent trial packets last season, labelled **New Tomato No. 100**, we offer it for sale for the first time as the **very best second early Tomato** in cultivation. Its magnificent large, red fruit, is borne in immense clusters, as shown in our colored photograph on back of this book. Pkt., 15c.; oz., 65c.;  $\frac{1}{4}$  lb., \$1.75; lb., \$6.50.

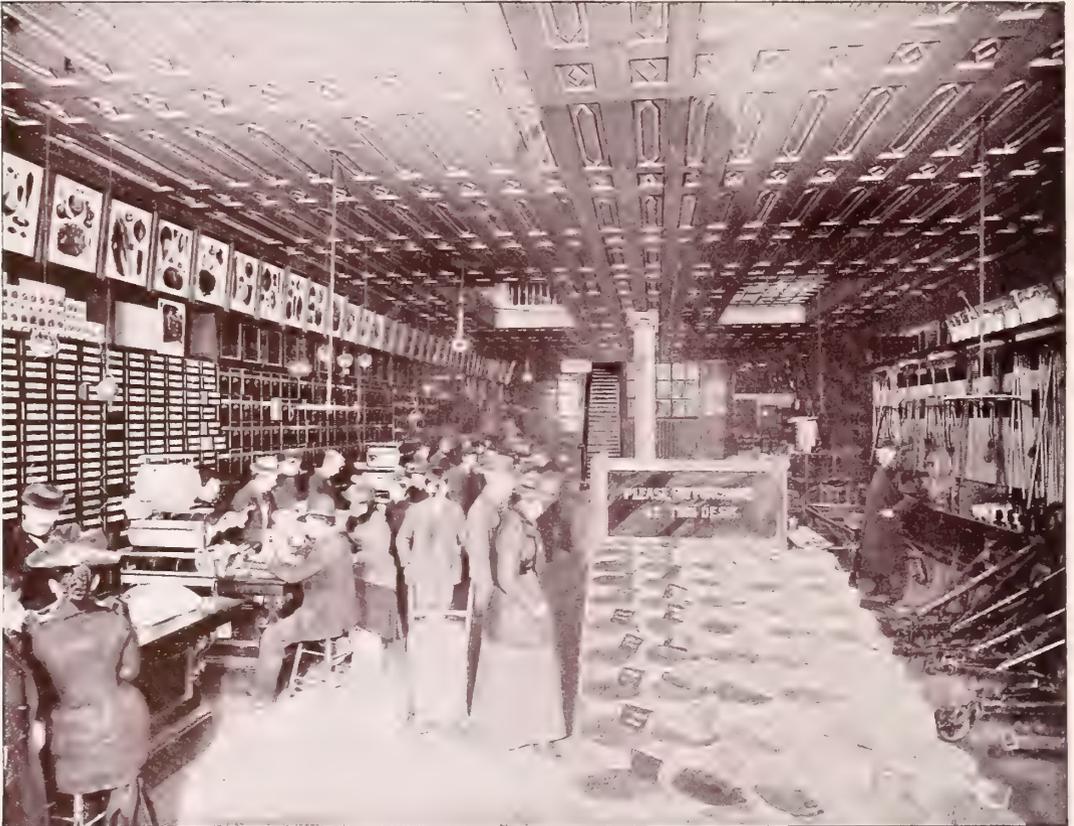


NEW FORTUNE TOMATO. See also photograph in colors on back.



A field of Dwarf Essex Rape, the great biennial forage plant, growing for sheep feed.

**Dwarf Essex Rape** Is considered indispensable by the sheep farmers of Great Britain, and is fast coming into use in this country on account of its rapid growth, being ready to feed in ten weeks from sowing. It can be sown all through the season, being perfectly hardy, withstands drought, and will produce a crop in any soil by sowing broadcast or in drills; while unequalled as a pasture for sheep, as a fattening food for all kinds of live stock, it is without a rival in point of cheapness or effectiveness. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, post-paid; lb., 25c.; 10 lbs., \$2.00; 25 lbs., 15c. per lb.; 50 lbs. and over, 12c. per lb., by express or freight.



Photograph of First Floor of Market Street Store. Our Double Seed Warehouses, 217 and 219 Market Street, and 206 and 208 Church Street, the largest in the East, are arranged expressly for the Seed business, and exclusively occupied by us.

Please take this out and use in ordering.

**ORDER SHEET**

—FOR—

# Johnson & Stokes' Tested Seeds, Plants, Bulbs, Etc.



## SEEDS BY MAIL.

In ordering Vegetable Seeds to be sent by mail, 8 cents per pound, or at this rate for the fraction, should be added, to cover postage, except where otherwise specified. We will, however, send packets and ounces at catalogue rates, free of postage.

### BEANS, PEAS, CORN AND GRASS SEEDS.

When ordered by the quart or pound, to be sent by mail, 15 cents per quart or 8 cents per pound, should be added to cover postage, except where otherwise specified.

### Please order Flower Seeds by the numbers.

We guarantee all shipments of Seeds, Bulbs, Plants, Implements, Live Stock, etc., shall reach the purchaser safely and in good condition.



Amounts of \$1.00 or less may be sent by ordinary letter.

When notes are not obtainable, or to make proper change, we accept postage stamps the same as cash, any denomination will be accepted, but we prefer our customers to send two-cent stamps when convenient, as we use more of these than any others.

Names of persons and places, though familiar to writers, are often puzzling to others, hence, write very plainly. Always sign the same name, and give full name, town, county and State.

Letters always reach us if addressed simply "JOHNSON & STOKES, PHILADELPHIA, PA."

FORWARD BY { State on this line whether wanted }  
by Mail, Express or Freight.

YOUR NAME, .....

POST-OFFICE, .....

COUNTY, .....

STATE, .....

EXPRESS OR  
FREIGHT OFFICE } .....

Amount Enclosed. ....

Post-Office Money Order, \$ .....

Express Money Order, .....

Bank Draft, .....

Cash, Notes and Silver, .....

Postage Stamps, .....

(2c. stamps preferred.)

Total, \$ .....

DATE

1000



# 2

# Decided Bargains

.. FOR ..

# EVERYBODY

## First and Famous Vegetable Seeds...



Sold in Collections at Retail for less than Wholesale Prices . . .

**F**OR the purpose of inducing thousands of new customers to give our Seeds a fair trial, we have for several years annually offered popular collections, at a *nominal price*, and many who are now large customers first made acquaintance with our Seeds through one of these cheap collections. While we have always given good value, never before have we been able to make such attractive offers as are here presented. Knowing, as we do, that they are composed only of the *choicest varieties of the best Seeds that grow*, we can safely count on making permanent friends of the large majority of even those who may now hesitatingly send us a trial order,—doubting, perhaps, whether such unusual value can really be given for the money. Your interest is our interest; a fair trial, such as these collections afford, will convince even the most skeptical that our Seeds are the best that the world produces. We cannot sell any other seeds so cheaply, nor can we make any changes in the collections.

## A Great Novelty Offer for only 50 cents.

For 50 cents we will send by mail, all postage paid, 10 full-sized packets of the following choice Novelties and Specialties, fully illustrated and described on the 16 preceding pages, which would cost, at regular prices, \$1.05.

- 1 New Valentine Wax Bean. The earliest of all. A true Valentine, with round wax pods. See page 1.
- 2 New Surprise Beet. The earliest first quality beet. A surprise to all who plant it. See page 2.
- 3 The New Lupton Cabbage. A superior winter variety. See illustration and description, page 5.
- 4 New Eskimoso Cucumber. A wonder in earliness. A week ahead of all others. See page 5.
- 5 New Rubicon Carrot. The best and most productive. No other can equal it. See page 6.
- 6 The Treasure Lettuce. A treasure indeed; nothing finer for market or home use. See page 8.
- 7 Lone Star Muskmelon. Very large and handsome; of superior quality. See photograph in colors on back, also page 10.
- 8 McIver Wonderful Sugar Watermelon. Nothing more delicious and unusually hardy. See page 10.
- 9 New White Prize Winner Onion. Very large and handsome. The best white onion. See page 11.
- 10 New Fortune Tomato. The best for second early and main crop. See photograph in colors on back, and page 15.

We send all the above neatly packed, post-paid, by mail, for only 50 CENTS IN STAMPS or cash; FIVE COLLECTIONS, each separate, to one or different addresses if desired, FOR \$2.00.

## A Complete Vegetable Garden for \$1.00.

OUR SPECIAL INTRODUCTION BOX OF SEEDS embraces thirty full-sized packets of the choicest Vegetable Seeds, including all the above-named Novelties and Specialties and the twenty varieties described below, which at regular prices cost more than double what we ask here for them.

- 11 Burpee's Bush Lima Bean. The true bush form of the Large Lima Bean.
- 12 Ford's Perfected Half Long. The best fall and winter beet; a fine keeper.
- 13 Country Gentleman Sweet Corn. Deliciously sweet and best of all for the family garden.
- 14 All Head Early Cabbage. Combines earliness, large size and fine quality.
- 15 New Pink Plume Celery. Like White Plume, except that stalks are diffused with dainty pink; easily grown and superior in quality.
- 16 New Jersey Improved Large Purple Egg Plant. The largest and finest of all. No other can equal it.
- 17 New White Pearl Cucumber. Very productive and fine for table use.
- 18 New Giant Italian Leek. The largest of all and mildest in flavor.
- 19 Lettuce, Ten of the best American varieties, mixed. Gives fine lettuce for the table the entire season.
- 20 New Tip-Top Nutmeg Melon. A valuable new sort of the finest quality.
- 21 Mammoth Prizetaker Onion. The largest and handsomest of all yellow onions.
- 22 Champion Moss Curled Parsley. Extra dark green, an improved selection, beautifully curled.
- 23 Nott's Excelsior Peas. The best dwarf wrinkled extra early variety.
- 24 Ideal Hollow Crown Parsnip. Beautiful, smooth and very sweet.
- 25 Ruby King Pepper. The largest and finest red pepper.
- 26 Tennessee Sweet Potato Pumpkin. The best of all for pies.
- 27 New White Ladyfinger Radish. The best extra early long white radish.
- 28 White Strasburg Radish. One of the best summer sorts, sweet and tender.
- 29 Liberty Bell Tomato. The very earliest of all.
- 30 Budlong or Breadstone Turnip. One of the best white table turnips.

Send a \$1.00 bill, Post Office Money Order, or Stamps, in an ordinary letter, and you will receive the box containing all the above, neatly and securely packed, by return mail, and if not satisfactory, we will return your money. What can be fairer? Show this to your neighbors, and get them to send with you. We will mail three of the above Special Introduction Boxes to one address, or different addresses, for only \$2.50, or in clubs of six for \$5.00.

Address all orders

# Johnson & Stokes

217 and 219 Market Street

Philadelphia, Pa.

# DIRECTIONS

.. FOR ..

## Ordering and Modes of Remitting.

### SEEDS BY MAIL

In ordering Vegetable Seeds to be sent by mail, 8 cents per pound, or at this rate for the fraction, should be added to cover postage, except where otherwise specified. We will, however, send packets and ounces at catalogue rates, free of postage.

### ... BEANS, PEAS, CORN AND GRASS SEEDS ...

When ordered by the quart or pound, to be sent by mail, 15 cents per quart or 8 cents per pound should be added to cover postage, except where otherwise specified.

**Cash should always accompany the order.** We will be responsible for money sent to us by **Post Office Order, Express Money Order, Bank Draft, Express** or by **Registered Letter.**

**Post Office Orders** cost, for any amount up to \$2.50, 3 cents; over \$2.50 and not exceeding \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; over \$75 to \$100, 30 cents.

**Express Money Orders** are issued by express companies at their agencies, and cost for amounts not over \$5, 5 cents; \$10, 8 cents; \$20, 10 cents; \$30, 12 cents; \$40, 15 cents; \$50, 18 cents.

**Bills, Coin or Stamps** (we accept postage stamps the same as cash) can be sent safely by registered letter. Every postmaster is required to register any letter on payment of eight cents extra postage.

**Cost of remitting** may, on all orders over \$1.00, be deducted from the amount sent.

**WE GUARANTEE ALL SHIPMENTS** of Seeds, Bulbs, Plants, Implements, Live Stock, etc., to reach the purchaser safely and in good condition.

## OUR FREE BOOK PREMIUMS FOR 1896.

The most complete list of Books ever offered, including all the best standard works, written by acknowledged authorities on the subjects of which they treat. We will send them post-paid on receipt of price, or they will be sent free as Premiums with all Vegetable and Flower Seed orders from this catalogue, as follows:

Those ordering \$2.00 and over, may select free any book priced at 30c. or less.  
 Those ordering \$3.00 and upwards, may select free any book priced at 50c. or less.  
 Those ordering \$6.00 and upwards, may select free any book or books, the total price of which is \$1.00 or less.  
 Those ordering \$8.00 and upwards, may select free any book or books, the total price of which is \$1.50 or less.  
 Those ordering \$10.00 and upwards, may select free one or more books, the total price of which is \$2.00 or less.  
 Those ordering \$12.00 and upwards, may select free one or more books, the total price of which is \$2.50 or less.  
 Those ordering \$20.00 and upwards, may select free one or more books, the total price of which is \$4.00 or less.

Please remember these Premiums apply only to Vegetable and Flower Seeds, and cannot be allowed on Seed Potatoes, Onion Sets, Farm or Grass Seeds, Implements, Garden Tools, Fertilizers or Live Stock.

### On Vegetable Culture.

Asparagus Culture. By Barnes & Robinson, . . . . .	\$0 50
Broom Corn and Brooms. Cloth, . . . . .	50
Cabbages and Cauliflowers—How to Grow Them, . . . . .	30
Kalamazoo Celery, Bochore, . . . . .	50
Mushroom Culture, J. & S. Paper Circular, . . . . .	10
Mushrooms—How to Grow Them. Cloth, . . . . .	1 50
New Onion Culture, T. Greiner, . . . . .	50
The Peanut Plant, B. W. Jones, . . . . .	50
New Potato Culture, as developed by the French system and the use of chemical fertilizers, Carmen, . . . . .	50
Squashes—How to Grow Them, Gregory, . . . . .	30
Sweet Potato Culture, Fitz, . . . . .	60
Tobacco Culture. Full practical details, . . . . .	25

### On Farm and Garden Topics.

\$100 Prize Essays. Valuable essays, by practical growers, on the following subjects: "How and What to Grow in the South for Northern Markets," "Culture of Cabbage and Onions, with Hints for Storing and Marketing," "The Family Vegetable Garden," . . . . .	25
Practical Farm Chemistry, T. Greiner, . . . . .	1 00
Gardening for Profit, Henderson, . . . . .	2 00
Gardening for Pleasure, Henderson, . . . . .	2 00
How the Farm Pays, Henderson and Crozier, . . . . .	2 50
How Crops Grow. A treatise on the chemical composition, structure and life of the plant, Johnson, . . . . .	2 00
How Crops Feed. A treatise on the atmosphere and the soil as related to the nutrition of plants, Johnson, . . . . .	2 00
Silos, Ensilage, and Silage, Miles, . . . . .	50
Irrigation for the Farm, Garden and Orchard, . . . . .	1 50
Draining for Profit and Health, Waring, . . . . .	1 50
Land Measurer for Farmers, Reddie, . . . . .	60
Manures—Method of Making, Bommer, . . . . .	25

### On Fruit.

Biggle Berry Book. (New.) The very latest treatise on small fruits. Illustrated by colored plates, . . . . .	\$0 50
The Fruit Garden, Barry, . . . . .	2 00
The Nursery Book. A complete guide to propagation, . . . . .	1 00
Success with Small Fruits, Roe, . . . . .	1 50

### On Floriculture.

Practical Floriculture. For Florists, Henderson, . . . . .	1 50
Horticulturist's Rule Book, Bailey, . . . . .	1 00
Landscape Gardening, Long, . . . . .	50
How to Destroy Insects on Plants and Flowers, . . . . .	30
My Handkerchief Garden, Barnard, . . . . .	25
Handbook of Plants. 800 illustrations, Henderson, . . . . .	4 00
Hints on Cacti, Blanc, . . . . .	10
The Gardener's Story, Elwanger, . . . . .	1 50
Your Plants. Their care and treatment, Sheehan, . . . . .	40
How to Plant a Place, . . . . .	20

### On Live Stock.

Biggle Poultry Book. Finely illustrated, . . . . .	50
Low Cost Poultry Houses. Illustrated, . . . . .	25
500 Questions and Answers on Poultry Topics, . . . . .	25
An Egg Farm, Stoddard, . . . . .	50
Duck Culture, Rankin, . . . . .	50
A, B, C of Bee Culture, A. I. Root, . . . . .	1 25
The Dairyman's Manual, Stewart, . . . . .	2 00
Biggle Horse Book. (New.) Profusely illustrated, . . . . .	50
The Modern Horse Doctor, Dodd, . . . . .	1 50
Training of Shepherd Dogs, Wickham, . . . . .	50
Dog Training. How to train Hunting and Pet Dogs, . . . . .	1 00
The Collie. Its history, points and breeding, Dalziel, . . . . .	1 00
How to Rid Buildings and Farms of Rats, Picket, . . . . .	20

### Magazines. (Yearly Subscriptions.)

Farm Poultry. A Semi-Monthly Magazine devoted to poultry raising. A wonderful guide and help, . . . . .	1 00
Farm Journal. A Monthly Journal of the Farm. The brightest, spiciest farm paper published, . . . . .	50



# Vegetable Seeds . . General List.

**I**N the following pages we have endeavored to list the cream of all varieties known, weeding out many that are still advertised by other seedsmen, but which our extended tests have proven to us are unworthy of cultivation. We take great pains each season to inform ourselves fully as to the real merits of everything offered as new or superior, and our customers may rest assured that if any much-lauded variety is not found in our **MANUAL**, the probability is much greater that we have tested it and found it of little or no value, than that it is unknown to us. It is our constant aim thus to gain and hold the confidence of all customers, and insure them against disappointment.

Under this head we also illustrate and describe many of our choice **SPECIALTIES**. Among these will be found many valuable novelties recently introduced, to the growing of which we have given special attention. The varieties which we have printed in **CAPITALS** are highly recommended.

## Liberal Premiums on Seeds in Packets.

As an inducement to our customers to get their neighbors and friends to club with them in sending orders, we will allow each purchaser of seeds in packets to select 25 cents' worth *extra* for each \$1.00 sent us. Thus purchasers remitting \$1.00 may select seeds, in packets only, to the amount of \$1.25; those remitting \$2.00, to the amount of \$2.50, and so on. In addition, every purchaser of \$2.00 and over, in one order, is entitled to select a book premium, as offered on preceding page.

### Artichoke.

As a table vegetable the Artichoke deserves to be more generally cultivated. The part eaten is the flower head, which is used before it begins to open, and cooked in much the same way as asparagus.

**Large Green Globe.** Pkt., 10c.; oz., 30c.; lb., \$3.00.  
**Artichoke Roots** for hog feed will be found under "Farm Seeds." Peck, \$1.00; bush., \$3.00; bbl., \$7.50.

### Asparagus.

Asparagus is one of the earliest spring vegetables, and would be in universal use were it not for the prevalent idea that it is difficult to grow. We think this is a mistake, and that no vegetable on our list can be produced so cheaply and easily. (Directions for planting and culture will be found in our book of \$100 *Price Essays* which may be selected free as a premium with all orders of \$2.00 and over.) A bed 12 x 40 feet, requiring about 100 roots, will give an abundant supply for an ordinary family. One ounce seed will sow 40 feet of row; 7,260 roots will plant an acre.

#### DONALD'S ELMIRA ASPARAGUS.

This new asparagus, first introduced by us, has attracted much attention throughout New York State, where it was originated by Mr. A. Donald, a prominent market gardener of Elmira. He has always realized handsome prices, and, although a large grower, was unable to supply half the demand. The color is notably different from either the famous Barr's Philadelphia Mammoth or Palmetto, while the stalks are more tender and succulent. Its mammoth size can be realized from the fact that in whole crops a bunch of twelve stalks will average four pounds in weight. It requires much less labor in cutting and bunching, thus lessening the expense of marketing. The seed we offer was saved this season by Mr. Donald from his choicest beds, and our roots are grown by us from the same high-class seed. Prices of seed: pkt., 10c.; oz., 20c.; ¼ lb., 30c.; lb., \$1.00; strong roots, 1 year old, \$1.25 per 100; by mail, post-paid, \$1.50 per 100; \$6.00 per 1000; 2-year old, \$1.50 per 100; \$7.00 per 1000 (500 roots furnished at 1000 rate).

**BARR'S PHILADELPHIA MAMMOTH.** This variety originated with Crawford Barr, a prominent market gardener of Pennsylvania. Grown side by side with Conover's Colossal, it comes in earlier and grows twice as large. It is very productive, throwing up a great number of strong, well-developed shoots throughout the entire season. It is tender to the stem, of delicious flavor. It has attracted much attention in Philadelphia, where it is much sought after and sells at top notch prices. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c. Good strong roots, 1 year old, 90c. per 100; by mail, \$1.15 per 100; \$5.00 per 1000; 2 years old, \$1.00 per 100; \$5.50 per 1000 (500 roots at 1000 rate).

**NEW PALMETTO.** This new asparagus, supposed to have originated in South Carolina, is now quite extensively grown by Southern gardeners for New York and Philadelphia markets, where it sells at very high prices, owing to its mammoth size and regularity. Although of Southern origin, it is equally well adapted to North and South. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c. *Splendid, strong roots.* 2 years old, \$1.00 per 100; by mail, \$1.25 per 100; \$5.50 per 1000 (500 roots at 1000 rate).



PHOTO OF AN AVERAGE BUNCH. COLUMBIAN MAMMOTH WHITE.

#### COLUMBIAN MAMMOTH WHITE ASPARAGUS.

This is a valuable new, distinct variety, first discovered on Long Island a few years since. The stalks are very large, produced abundantly and very early. They are clear white and remain so as long as fit for use, without earthing up or any other artificial blanching. This sort has been grown by a few Long Island growers who have been realizing an extra price, not only on a fancy market, but from canners, who find that, when put up under a special brand, it sells so readily at a high price as to warrant them paying the grower an extra price for it. With probably the exception of **Donald's Elmira**, it is the greatest advance in asparagus made for many years. Prices of seed: pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00. Good strong roots, 1 year old, \$1.00 per 100 (by mail, post-paid, \$1.25 per 100); \$5.50 per 1000; 2 year old roots, \$1.50 per 100; \$6.50 per 1000 (500 roots furnished at 1000 rates).

**CONOVER'S COLOSSAL.** A well-known standard variety. Seed pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c. Roots, 1 year old, 75c. per 100; by mail, post-paid, \$1.00 per 100; \$4.00 per 1000; 2 years old, 90c. per 100; \$4.50 per 1000.

**ASPARAGUS CULTURE.** Best Methods. By Jas. Barnes and William Robinson. Price, 50c., or may be had free with orders for seed. (See *Book Premiums*, page 18.)

## Beans—Dwarf Green Podded Sorts

LARGE PACKETS, 5c. EACH.

One quart will plant one hundred feet of drill: two bushels will plant an acre in drills.

Please remember to add for postage 8c. per pint or 15c. per quart, on all Beans when ordered to be sent by mail.



IMPROVED ROUND POD EXTRA EARLY VALENTINE.

**NEW IMPROVED ROUND POD EXTRA EARLY RED VALENTINE.** This is unquestionably the very best and earliest green snap-short bean. It is at least ten days earlier than the old Early Red Valentine, and is usually ready to pick thirty-five to forty days from the time of planting. The vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. Vines very uniform, making little or no top growth, and producing enormously. Pkt., 5c; pint, 20c; qt., 40c., post-paid. By freight or express, pint, 13c.; qt., 25c.; peck, \$1.00; bush., \$3.75.

**NEW UNION WHITE VALENTINE.** This variety is a complete union of all qualities necessary to make a dwarf green pod bean perfect. It is much earlier and of a dwarf habit than the old White Valentine, the pods being rounder, smoother, plumper, more meaty and entirely stringless. It possesses the peculiar and valuable quality of remaining in a tender cooking condition longer than any other green-podded variety. This, together with its extreme earliness, makes it an exceedingly valuable sort for spring or fall planting. The beans, when ripe, are pure white, thus enabling the grower to sell them as shelled beans at a profitable figure. Pkt., 10c.; pint, 15c.; qt., 30c.; peck, \$1.75; bush., \$6.00.

**EMPEROR WILLIAM.** A new extra early variety, with large green flat pods of fine quality. It is very productive and valuable for either family use or market. Can also be used as a White Shell Bean when dry. Pkt., 5c.; pint, 13c.; qt., 25c.; peck, \$1.25; bush., \$4.75.

**EARLY MOHAWK.** The hardest of the early varieties, and will endure a light frost: largely planted in the South. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

### IMPROVED ROUND POD EARLY MOHAWK BEAN.

This new and improved sort bears the same relation to the old Mohawk Bean as our Improved Round Pod Valentine does to the old Red Valentine. It is fully a week earlier than the old Mohawk, the pod is round and from 1½ to 2 inches longer. The beans are larger and of better shape. They yielded the past season over one-third more per acre on the same soil with the common strain. The merits of this new bean are sufficient to make it the most popular variety with market gardeners for their first plantings. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.40; bush., \$5.00.

**REFUGEE, or THOUSAND TO ONE.** Vines large, spreading, exceedingly hardy, with small, smooth leaves and esteemed for late planting and for use as pickles, and for canning; pods long, cylindrical, green, becoming white, streaked with purple; of good quality as snaps. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

**NEW EXTRA EARLY REFUGEE.** This has all the first-rate qualities of the well-known Refugee, which it is gradually superseding. It is ready for the market ten days earlier, or about the time the ordinary Refugee is in flower. An immense yielder, and sure to produce a crop in either a wet or dry season. It is a fine shipper and fast becoming one of our most popular green-podded snaps for both spring and summer planting. Our stock has been specially selected. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.

**BEST OF ALL.** This bean originated in Germany. It has long glossy pods, about twice as long as those of the Valentine, very tender and succulent, and an enormous producer. Very popular in the South. Pint, 25c.; qt., 45c.; peck, \$1.25; bush., \$4.25.

**Early Long Yellow Six Weeks.** Hardy, prolific and of good quality. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

**Early China Red Eve.** Of good quality, used as a string or shell bean. Pint, 10c.; qt., 20c.; peck, \$1.00.

## Beans—Dwarf Wax Sorts.

LARGE PACKETS, 5c. EACH.

**DAVIS KIDNEY WAX, NEW VALENTINE WAX.**

See Novelties, page 1.

**IMPROVED EXTRA EARLY REFUGEE WAX.**

This new variety is one of the earliest beans grown. It is a perfect Refugee, with wax pods that are long, round, and of golden yellow color. It is suitable for early or late sowing, and when sown in the spring it will give seed in time for a second crop in the fall. It is an immense yielder. We offer an improved strain of this variety, which is entirely stringless and much superior to the Refugee Wax as introduced a few years since. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.75; bush., \$6.50.

**GERMAN BLACK WAX.** A well-known and popular variety; pods when fit for use are waxy, yellow, tender and productive. Pint, 13c.; qt., 25c.; peck, \$1.10; bush., \$4.00.

**GOLDEN WAX.** This popular variety is earlier than the old German Black Wax; pods long, brittle, entirely stringless. Pint, 13c.; qt., 25c.; peck, \$1.10; bush., \$4.00.

**IMPROVED RUST-PROOF GOLDEN WAX (Grennell's Strain).** This variety is rapidly superseding the well-known Golden Wax, which has for many years been a great favorite with both market gardeners and private planters. It originated with Mr. W. H. Grennell, a large bean grower of New York State, and from whom we originally obtained our seed. It is among the earliest and hardest of all the Wax Beans. The pods are straight, long and thicker than the Golden Wax, much superior in quality and absolutely rust-proof. It outyielded the Golden Wax two to one in past seasons. There are two strains of "Improved Golden Wax" on the market, but Grennell's strain, as offered by us, will be found decidedly the best. Pint, 13c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

**CURRIE'S RUST-PROOF BLACK WAX.** The demand for this new bean has been so great, especially from the South, the past two seasons, that we were entirely sold out before the season was half over, and we were obliged to return the money to many of our customers.

For earliness, they are at the head of the Wax Bean family. Habit upright and robust, holding their pods well from the ground; foliage remarkably vigorous and healthy; pods long, flat and straight, of a beautiful golden color; quality not surpassed, and for productiveness unequalled. Pint, 13c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

**NEW PROLIFIC GERMAN, or CYLINDER BLACK WAX.** This is an entirely new and improved strain of the old favorite German, or Black Wax Bean, originated by a large bean grower of Genesee County, N. Y. We find it very superior to the old strain, being much earlier and more than twice as productive. Pods perfectly round, straighter, longer, and of an even, rich golden color. Our stock is grown for us by the originator. Pkt., 5c.; pint, 13c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

**WARDWELL'S EARLY DWARF KIDNEY WAX.** This popular variety, introduced by us eight years ago, is almost rust-proof and greatly superior to the well-known German Black Wax, or Golden Wax sorts in every respect. The vines are remarkably vigorous, hardy and productive; the pods are very large, smooth, showy, tender, perfectly stringless, and of unusually fine quality. The entire pod assumes a rich golden color at a very early stage of growth. The dry beans are white, with two shades of reddish purple more or less visible, and a distinct kidney shape. Pkt., 5c.; pint, 13c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

**NEW GOLDEN-EYED BUTTER WAX.** This fine market variety is earlier than the popular Wardwell's Kidney Wax and Golden Wax sorts. The vine grows vigorously about one and a half feet high, holding the great profusion of handsome pods well off the ground. The pods are long, straight and flat, and remarkably free from blight and rust. The fact that when picked along with other wax varieties it keeps bright and crisp long after the others are wilted, makes it one of the best for shipping long distances. It is also one of the very best green shelled beans, and excellent dry, being very much like the White Marrow when baked. Pint, 13c.; qt., 25c.; peck, \$1.10; bush., \$4.00.

### Keeney's Rustless Golden Wax Dwarf Bean.

This was offered last season for the first time, and sold only in sealed packets. It combines hardness and productiveness with fine quality. A strong-growing bush variety of remarkable vigor and freedom from rust. It sends out short tendrils, on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable conditions, to 100 to 150 fold.

The pods are meaty and well filled, thick-flat when young and semi-round later; of rich yellow color and fine quality, and entirely stringless throughout, even when old enough to shell. They are also free from that parchment-like lining which makes other varieties tough, unless when very young. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$2.50.

### Fuller's Ringleader.—New Dwarf Wax Bean, No. 55.

Our good opinion of this new Bean has been confirmed by another year's trial at Floracraft Trial Grounds, as well as by thousands of most favorable comments from our customers who tested it, and who all agree in pronouncing it one of the earliest, best and most productive of all Wax Beans. Pkt., 10c.; pint, 35c.; qt., 65c., post-paid; qt., 50c.; 4 qts., \$1.50; peck, \$2.50, by freight or express.

Geo. S. CHAMPLIN, Ashaway, R. I., Aug. 30, 1895, writes: "In my order for seeds last spring, you sent me a package of the New Wax Beans, No. 55. I planted them at the same time with three other kinds; each had the same attention; the No. 55 was five days earlier than the others, and a much superior bean. Its pods were clean and not a trace of rust on them."

**YOSEMITE MAMMOTH WAX.** The enormous pods of this splendid new bean frequently attain a length of ten inches, with the thickness of a man's finger. They are nearly all solid pulp, the seeds being very small when the pods are fit for use. Pods are a rich golden color and absolutely stringless, cooking tender and delicious. It is enormously productive, fifty of its monster pods having been counted on one bush. Pkt., 10c.; pint, 20c.; qt., 40c.

**GRISWOLD'S EVERBEARING WAX.** Pkt., 10c.; pint, 40c.; qt., 75c. Dwarf White Wax. Similar to Black Wax, except in color of seed. Pint, 15c.; qt., 30c.; peck, \$1.40; bush., \$5.00.

**SCARLET FLAGOLET WAX.** Very large, long, flat and tender pods. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.60; bush., \$6.00.

**VIOLET, or PERFECTION WAX.** Largest and most showy beans. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, \$1.75; bush., \$6.50.

### Beans—Varieties for Shelling.

LARGE PACKETS, 5c. EACH.

**BOSTON SMALL PEA.** This new bean sells in Boston and New York markets from thirty to forty cents a bushel above the ordinary varieties of pea and medium beans. It is early, hardy and prolific and yields from fifty to sixty-fold with ordinary field culture. We have frequently picked over one hundred pods from one plant, averaging six beans to the pod. The seed is small, round and handsome. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.50.

**NEW SNOWFLAKE FIELD.** This new variety, introduced some five years since, has given wonderful results. It has proven very much earlier and more prolific than either the common standard Pea Bean, or Prolific Tree Bean. The plant grows upright, holding its pods well up from the ground. They are borne in thick clusters, and ripen all at once. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.25; bush., \$4.25.

**BURLINGAME MEDIUMS.** This is the leading field bean in Central New York. On the "Genesee Flats" fifty bushels to the acre is not an uncommon yield. The beans are pearly white in color, and do not rust or spot. Burlingame Mediums are much sought after by dealers everywhere, and command top-notch prices. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.

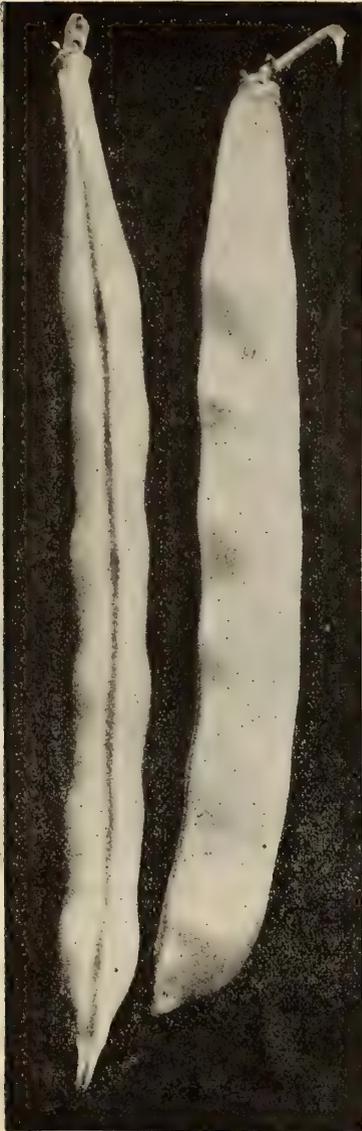
**PROLIFIC TREE.** A valuable variety for field culture, growing about twenty inches in height, branching out in all directions, bearing its pods so high that they do not touch the ground. They resemble the common Navy Bean, more rounded at the ends and very white, cooking in less time. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.

**White Navy, or Pea Bean.** A well-known standard sort for field culture. Seed white, nearly round. Very productive. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

**Royal Dwarf, or White Kidney.** Among the best as a winter bean. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

**White Marrowfat.** Extensively grown for sale as a dry bean for winter use; excellent shelled, either green or dry. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

**Dwarf Horticultural.** A dwarf variety of the Horticultural Pole Bean. Pint, 20c.; qt., 40c.

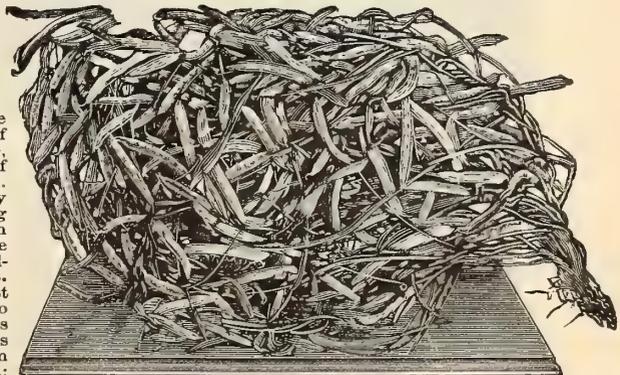


KEENEY'S RUSTLESS GOLDEN WAX.

### DAY'S LEAFLESS MEDIUM BEAN.

#### A WONDERFUL NEW FIELD BEAN.

This improved variety is offered by us for the first time this year. The originator, Mr. Wm. H. Day, who is one of the most successful field bean culturists in New York State, has been experimenting for years with different kinds of beans, and this sort represents four years' constant work. The beans are a beautiful pearly white in color, and run very uniform in size. The pods are long, well filled, containing from five to seven beans each, each stalk containing from 100 to 200 pods, producing 50 to 60 bushels per acre. We had one stalk planted in a field, and given ordinary culture, that produced 972 beans that weighed 12 ounces. The vine stands up well, grows abundant foliage, and, just previous to the time of ripening, all the leaves fall off, so that each and every pod is exposed to the action of the sun's rays and ripens evenly. Another great feature is that it is extremely early in ripening, maturing in its entirety in from seventy to eighty days from date of planting. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.40; bush., \$5.00.



A PLANT OF DAY'S LEAFLESS MEDIUM.

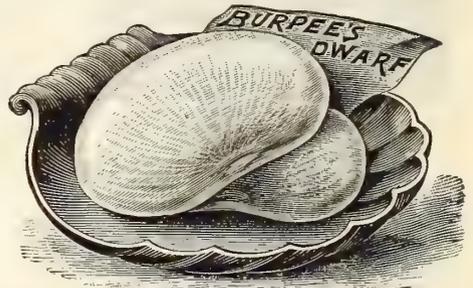


PHOTOGRAPH OF AN AVERAGE SINGLE BUSH OF DREEER'S BUSH LIMA BEAN, TAKEN FROM OUR FIELD AT FLORACROFT.

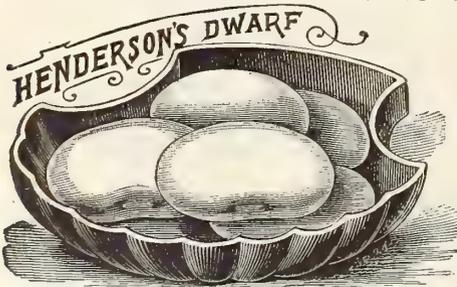
**DREEER'S BUSH LARGE LIMA BEAN.**

This remarkable bush bean has been widely grown during the past three seasons, and has fully sustained our claim made in first offering it, to be the very best of the new race of bush Limas. It possesses all the good qualities of the **Dreeer's Improved Large Lima**, which has long been admitted the best in quality of the Pole Limas. The **Dreeer's Bush Lima** is of true bushy habit, growing vigorously from one and a half to two feet high, and showing no disposition whatever to run. It produces pods in great abundance, one hundred and eighty-five having been counted on a single plant. It requires no poles or stakes. The beans grow close together, three, four and sometimes five in a pod, and are very thick, sweet and succulent. It ripens fully *ten days earlier* than any of the Pole Limas. It has created a decided sensation wherever grown. Pkt., 10c.; pint, 20c.; qt., 40c.; peck, \$2.00.

**BURPEE'S BUSH OR DWARF LIMA BEAN.** This new bean was first introduced in 1890, and being extensively advertised, was sold at the fabulous price of 75 cents per packet of four beans. It is the true Bush form of the old Large Lima Pole Bean. It grows vigorously to a height of eighteen to twenty inches, forming a circular bush two to two and a half feet in diameter, yielding from fifty to one hundred and fifty fine pods similar to those grown on the Large White Lima Pole Bean. Pkt., 10c.; pint, 20c.; qt., 40c.; Peck, \$2.25; bush, \$8.00.



**JACKSON WONDER DWARF LIMA BEAN.** This new Bush Lima Bean originated in Georgia. It grows from eighteen to thirty inches high, and might be termed a combination bean, as the pods when quite young may be used as snap beans, and after they become filled, shelled and used as Lima Beans. It is *immensely productive*, with broad, flat pods, containing three to four variegated flat beans, similar in shape to the well-known Small Lima or Sewee. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$2.00; bush, \$7.00.



**HENDERSON'S DWARF LIMA BEAN.** This was the first of the Dwarf or Bush form of Limas to be introduced some years since. Being enormously productive a very small patch will keep a family supplied throughout the season. The beans are of the size of the Sieva or Southern Lima, and of delicious quality. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.60; bush, \$6.00.

**Beans—Pole or Running.**

**NEW GOLDEN ANDALUSIA WAX BEAN.** This new bean, introduced by us seven years since, has created a decided sensation wherever grown. It originated in Andalusia, Bucks County, Pa., with a celebrated bean grower. Our illustration gives some idea of its wonderful productiveness. It is nothing unusual to pick one-half bushel to three pecks from a single vine at one picking. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, far surpassing all other varieties in this respect, and retaining these important qualities until almost ripe. The pods when fully grown are from five to six inches long, exceedingly rich, buttery, and fine flavored. The vines cling well to the poles, a very important feature, as the weight of a vine filled with such a mass of large pods is very great. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season. The beans when dry are round as a bullet, pure white in color, and also make a fine shell or winter bean. Large pkt., 10c.; pint, 30c.; qt., 55c., post-paid. Qt., 40c.; 4 qts., \$1.40; peck, \$2.25; bush., \$8.00, by weight or express.

**MAMMOTH GOLDEN POD.** This magnificent new pole bean in size and appearance of pod bears the same relation to other pole varieties as the Yosemite Mammoth Wax does to the Dwarf sorts. Its enormous pods are remarkably handsome and fleshy, and of rich buttery flav or when cooked. The beans, when dry, are of a light yellow, almost the color of the pod itself when fit for use as a string bean. Owing to the severe drought the past season our crop is so short we can only offer it in packets this season. Per pkt., 10c.; 3 pkts., 25c.

**EARLY GOLDEN CLUSTER WAX POLE BEAN.** This new variety is distinct in seed, color and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that only a few days after they cease to be fit for string beans they are fit to shell. The pods are a beautiful waxy yellow, from six to eight inches long, borne in clusters of four to six. Commencing ten days after the Dwarf Golden Wax, it continues to bear profusely until frost sets in. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$2.00; bush., \$7.50.

**IMPROVED KENTUCKY WONDER, or OLD HOMESTEAD.** A very large and fleshy podded green Pole Bean, rapidly becoming popular in the Middle and Southern States. It is two weeks earlier than the well-known Southern Prolific, with much longer pods. Vines vigorous, climbing well and very productive, bearing their pods in large clusters; blossoms white; pods green, often reaching nine or ten inches, nearly round when young, and very crisp. A very prolific sort, and one of the very best. Pkt., 10c.; pint, 20c.; qt., 35c.; peck, \$1.75; bush., \$6.50.

**SPECKLED CUT-SHORT, or CORN HILL.** An old variety, very popular for planting among corn, and will give a good crop without the use of poles; vines medium, with dark-colored, smooth leaves; pods short, cylindrical and tender. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.50.

**SOUTHERN PROLIFIC.** A splendid, vigorous and productive variety. Pods in clusters, succulent and delicious; matures quite early and continuously, bearing until frost. Pint, 15c.; qt., 30c.; peck, \$1.50; bush., \$5.50.

**HORTICULTURAL LIMA.** A new bean of great merit, being a cross between the Dwarf Horticultural and Dreer's Improved Lima, and combining the good qualities of the latter with the earliness of the former. Its extreme earliness will permit of its being planted far north of where any true lima bean can be grown, while its prolificness and the quality of the green shelled beans make it a desirable addition to any garden, North or South. Vines medium size, not much branched and not running over four feet usually, but fruiting freely to the ends; leaves large, coarse, wrinkled, green, resembling Dwarf Horticultural; pods borne in clusters, three to six inches in length, flat, almost straight, terminating abruptly to a short point, green, and carry three to six beans; dry beans about the size and shape of Dreer's Improved Lima, but marked the same as Dwarf Horticultural. We advise all our customers to give this bean a thorough trial, as it is a variety of undoubted merit. Pkt., 10c.; pint, 15c.; qt., 30c.; peck, \$1.75; bush., \$6.50.

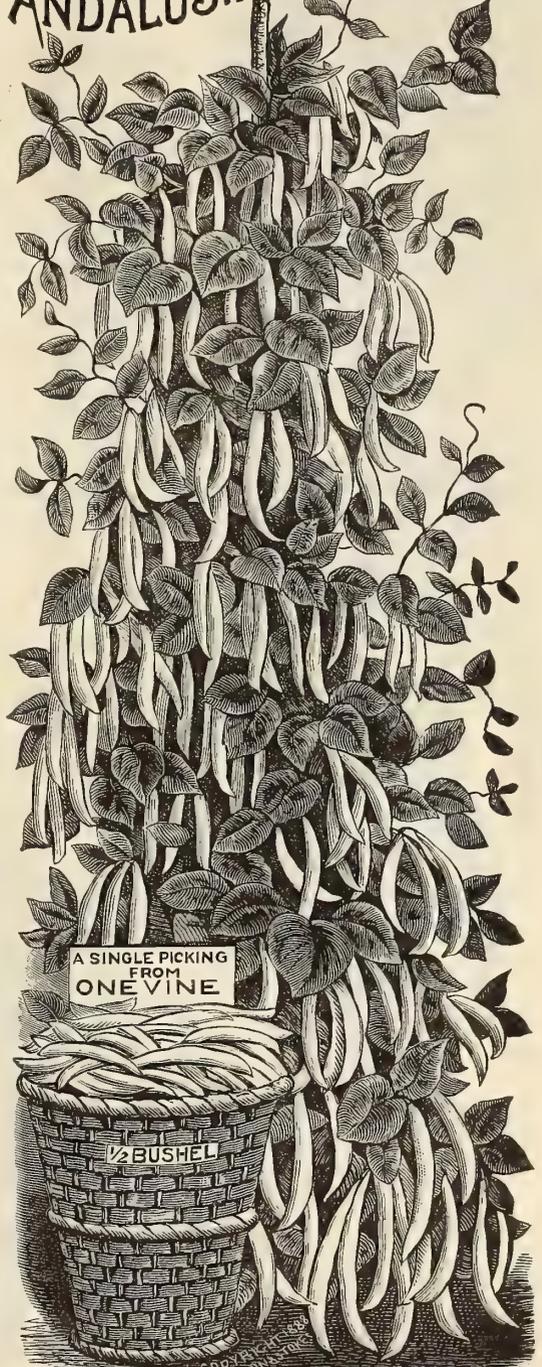
**OTHER GOOD POLE BEANS.** We can also supply the following excellent varieties of pole beans at 5c. per pkt.; 20c. per pint; 35c. per qt. German Black Wax Pole or Indian Chief, Scarlet Runner, Early Black Lima, Dutch Case Knife, Horticultural or Wren's Egg, Red Seeded Giant Wax.

**The Best Seeds are Cheapest.**

M. F. HAMMOND, Strong's Prairie, Wis., March 28, 1895, writes: "I exhibited twenty-eight vegetables and roots at our County (Adams) Fair last Fall, and was awarded eleven first and five second premiums. All these prize-winners were products of your seeds and there was the greatest competition. I have dealt with several of the leading seedsmen the past 30 years, but have found that your seeds have been the best, in all respects, I have ever planted."

JNO. G. ENTREKIN, Vineland, N. J., May 10, 1895, writes: "Thanks for extra seed and fair dealing. I commenced buying seeds from you twelve years ago, and also started some of my people in Cape May County at the same time, and they and I still continue customers of your house. No better seeds can be had."

**NEW GOLDEN ANDALUSIA BEAN**



**MOST PRODUCTIVE OF ALL POLE BEANS.**



### Pole or Running Beans—Continued.

**LAZY WIFE'S** (see illustration). The best and largest Green Podded Pole Bean, first introduced by us a few years since, has become a great favorite. The pods grow from four to six inches long, entirely stringless, and of a rich buttery flavor when cooked. The pods remain green, and retain their tender, rich, stringless flavor until nearly ripe. The beans are white, and unsurpassed as shell beans for winter use. They are pronounced by all who have grown them the best green podded snap-short Pole Bean in cultivation. We cannot commend this bean too highly. Pkt., 10c.; pint, 30c.; qt., 55c., post-paid; qt., 40c.; peck, \$2.00; bush., \$7.50, by express.

**WHITE CREASEBACK, or FAT HORSE** (see illustration). A well-known and highly esteemed Southern variety. Very productive. Forms very full, round pods, very fleshy, entirely stringless and distinctly creased along back, hence its name. This variety is especially valuable for its extreme earliness and its habit of perfecting all of its pods at the same time. Pint, 20c.; qt., 35c.; peck, \$1.75; bush., \$6.50.

### Varieties of Pole Limas.

**JERSEY EXTRA EARLY LIMA.** Several years' careful comparative tests by our most prominent lima bean growers have proved this selection to be fully ten days earlier than any other. The pods are large and numerous, invariably having from four to five beans in each pod. These beans appear in Philadelphia markets nearly two weeks ahead of all other limas, selling at from \$3.00 to \$4.00 per bushel of pods. We advise all our customers who grow lima beans for market, and want a "profitable thing," to plant this sort largely. Pkt., 10c.; pint, 30c.; qt., 55c., post-paid; qt., 40c.; 4 qts., \$1.25; peck, \$2.00; bush., \$7.50, by express or freight.

**FORD'S MAMMOTH PODDED.** This grand new Lima Bean is the result of over twenty years' selection by Jas. Ford, one of the oldest and most successful market gardeners around Philadelphia. In mammoth size, great productiveness and fine quality, it far surpasses even such varieties as the King of the Garden, Salem Improved, and other fine sorts. The pods grow to an average length of eight inches, and are produced in great clusters, with from five to seven beans per pod, of most excellent quality, for using either green or dry. The vines grow vigorously, setting the beans early at the bottom of the pole, and continue in bearing right up to frost. Ford's Mammoth Podded is without exception the largest podded, finest flavored and most productive of all Lima Beans. Pkt., 10c.; pint, 35c.; qt., 65c., post-paid; by freight or express, qt., 50c.; 4 qts., \$1.50; peck, \$2.50; bush., \$9.00.

**THE WILLOW LEAF LIMA.** This new Pole Lima Bean differs from all others in its beautiful deeply cut foliage, aptly described by its name—Willow Leaf; it is so handsome that many gardeners have pronounced it worthy of growing as an ornamental climbing vine. The beauty of the foliage, although such an attraction, is overlooked as soon as it begins to bloom, because of the profusion of blossoms, which is astonishing. The pods are of the Sieva or Sewee type, larger in size than Henderson's Bush Lima, well filled with the pure white beans, which are tender and of fine flavor. It matures beans ready for the table very early; the vines branch freely in every direction, and blossom and bear throughout the season. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.75; bush., \$6.50, by express or freight.

**STOKES' EVERGREEN LIMA.** In this new lima we have the result of several years' patient selection from our Salem Mammoth, which, as is well-known, is the largest in size of bean of all other limas. The Stokes' Evergreen not only holds the full size and great productiveness of the Salem Mammoth, but has the remarkable additional quality of holding, in all stages of growth, and even when dry and shelled, the deep green color of the unripe state, thus giving the dry beans, when cooked during the winter and spring, not only the green appearance, but also the delicious flavor of beans fresh from the vine. This very valuable evergreen quality is now entirely fixed and thoroughbred in this variety. Pkt., 10c.; pint, 40c.; qt., 75c.

**KING OF THE GARDEN LIMA.** This bean has met with enormous sales the past few seasons. They are vigorous growers, setting their beans early at bottom of pole, producing continuously to the end of the season. They are more prolific than the ordinary lima, bearing pods five to seven inches long in clusters of four and five, with five to six beans in a pod. Pkt., 10c.; pint, 25c.; qt., 50c., post-paid; qt., 35c.; 4 qts., \$1.00; peck, \$1.75; bush., \$7.50, by freight or express.

**DREER'S IMPROVED, or CHALLENGER POLE LIMA.** This popular bean is considered by many growers superior to all others in quality and productiveness. When green it is as large as the Large Lima, thicker, sweeter and more tender and nutritious, remaining green in the pod for a long time after maturing. Pint, 25c.; qt., 50c., post-paid; qt., 35c.; peck, \$2.00; bush., \$7.00, by freight or express.

**SALEM IMPROVED LIMA.** A selection from the large lima bean, of extraordinary size and generally of a deep green color. Pint, 15c.; qt., 30c.; peck, \$2.25; bush., \$8.00.

**Large White Lima (Extra Selected Size).** One of the best of the pole beans, either green or dry. Pint, 15c.; qt., 30c.; peck, \$1.75; bush, \$6.25.

**Carolina, or Sewee.** Similar to Large Lima, producing beans about half the size, but more productive. Pint, 20c.; qt., 35c.; peck, \$2.00; bush, \$7.00.

## SHOTWELL'S IMPROVED THICK POLE LIMA BEAN.

(See photograph in colors, made from nature, on back of this book.)

Originated by one of the best and most experienced growers of Northern New Jersey. As will be seen, it is of the thick or Potato Lima class, but will be found a decided improvement on the Dreer's Improved, or any other Bean of its class, in earliness, productiveness and fine quality. All claims made for it have been fully substantiated by thousands of our customers, to whom we sent trial packets last season, only a few of whose reports we have room to publish below. Pkt., 10c.; pint, 40c.; qt., 75c., post-paid; qt., 60c.; 2 qts., \$1.00; 4 qts., \$1.75, by express.

### A Few Expressions from Thousands of Reports Received.

#### SHOTWELL'S IMPROVED THICK LIMA.

W. A. LANDERS, Ridgeland, N. Y., Nov. 1, 1895, writes: "Shotwell's Improved Thick Lima is, by far, the best and most productive Lima Bean I ever grew or saw, two weeks earlier than any other, and superior in quality and flavor."

THE REAM CO., Hustonville, Ky., Nov. 1, 1895, writes: "New Bean, No. 55, the earliest and best Wax we have ever grown; entirely rust-proof. Shotwell's Improved Thick Lima proved very productive, and pronounced by all our bean growers here, the best in quality."

#### NEW WAX BEAN No. 55. See Page 21.

CHAS. M. PETERSON, Peninsula, O., Oct. 19, 1895, writes: "New No. 55 is the only Wax Bean I have ever grown that was absolutely free from rust, although I have all of the so-called rust-proof varieties. Please accept thanks for kindness in allowing me to test it in advance of its introduction."

CHAS. BELL, West Point, Va., Sept. 2, 1895, writes: "The New Wax Bean, No. 55, is entirely stringless, and the very best I have ever seen."

## Beets.

One ounce of seed will sow sixty feet of drill; five pounds will sow an acre in drills.

Please remember to remit, in addition to price, 8c. per lb. for postage, when seeds ordered are to be sent by mail.

**CROSBY'S IMPROVED EGYPTIAN AND NEW SURPRISE.** The earliest of all beets. See Specialties, page 2. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**EXTRA EARLY EGYPTIAN BLOOD TURNIP.** A standard sort, ten days or two weeks earlier than the old Blood Turnip. Owing to smallness of the top it can be planted very close. It is of fair quality, medium size and dark crimson color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**ECLIPSE.** This variety is a great acquisition to our list of turnip beets. It is as early as the Egyptian and much more desirable, owing to its globe shape, great smoothness, firm, small top, very sweet, fine flesh and intense dark blood color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**NEW COLUMBIA (CARTER'S EXCELSIOR).** This variety was first introduced in 1892, and is pronounced by many of those who have grown it a valuable acquisition, both as an early and main crop variety. The color of the skin, flesh and top is like the well-known Egyptian. It also grows nearly as quickly, but is larger and longer in shape and of much better quality. We are sure that market gardeners will find it a splendid variety, while its fine flavor as a table beet will delight all private planters. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

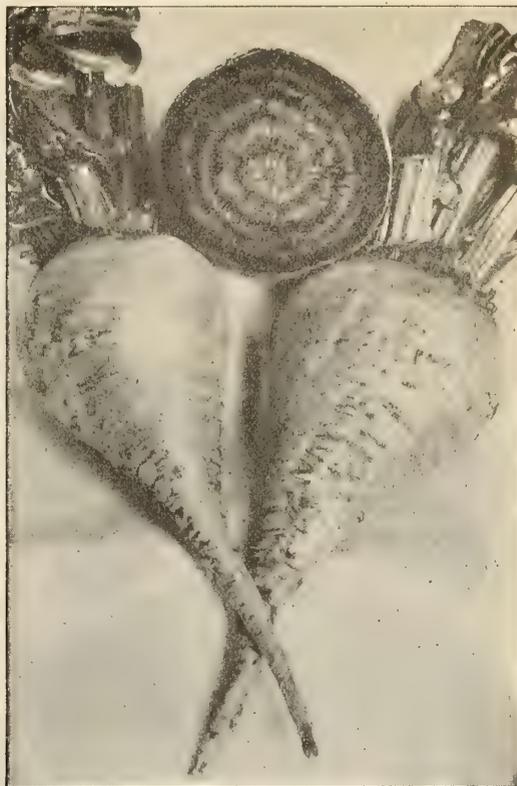
**BASTIAN'S EXTRA EARLY BLOOD TURNIP.** Excellent for both the family and market garden; very early, of quick, large growth, fine turnip form and dark red color, zoned with white. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Improved Early Blood Turnip.** A selected strain, and one of the best; blood-red, tender, and a good late keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Extra Early Bassano.** Flesh white and rose, very sweet and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**MITCHELL'S RED TURNIP.** A home variety, called by some New Crimson. It has the earliness and small top of the Egyptian. Very popular with Philadelphia gardeners. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**DARK STINSON.** A very early deep blood turnip Beet, popular with market gardeners around Philadelphia, and but little known elsewhere. It has a small top and is very valuable for forcing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.



PHOTOGRAPH OF FORD'S PERFECTED HALF-LONG BEET.

**FORD'S PERFECTED HALF-LONG.** Originated by James Ford, who is well known to most of our customers as the originator of the famous FORD'S MAMMOTH PODEDDED LIMA BEAN. It has many distinctive points of great value. In size the roots are remarkably uniform. The color is a very deep red, several shades darker than the well-known Bastian Half-long. It is also earlier, maturing a few days after the Early Turnip varieties; and as a fall and winter beet it has no equal, as none other can approach it in keeping qualities. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**CRIMSON CHIEF (NEW).** The Crimson Chief is the handsomest in form and most salable of any Deep Blood Turnip Beet ever seen in Philadelphia markets. Although moderately early, it is not as early as our *New Surprise* and some other extra early sorts, but surpasses them all in quality and fine appearance. From the hundreds of favorable reports received from those who planted it last season, it has many important advantages which will rapidly popularize it as the very best for early summer, autumn and winter use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**EDMANDS' EARLY RED TURNIP.** A splendid new variety, originated near Boston. While not as early as some, it has many fine qualities to commend it. It is the most uniform of all turnip beets, of handsome, round shape, good marketable size, and deep blood color. It has a very small top. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.

**DEWING'S EXTRA EARLY RED TURNIP.** Of good form and flavor. Flesh and top deep blood red, an excellent early or winter variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**ACME SECOND EARLY.** A new variety, of handsome, round shape, the skin and flesh very deep blood red in color, and exceedingly sweet and tender. The beets grow regularly of good marketable size. The leaves are very dark red, shading at times to almost black. Valuable not only for second early, summer and autumn, but a pre-eminently fine sort for planting in July, to be kept in pits for winter and early spring use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**BASTIAN'S HALF-LONG BLOOD.** In color, shape and size it is all that can be desired in a beet; a favorite variety for winter use, and largely planted by market gardeners. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**LONG SMOOTH BLOOD RED.** A good late variety for fall and winter use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**SWISS CHARD, or SILVER.** Cultivated for its leaves; the mid-rib is stewed and served as asparagus, other portions of the leaves as a spinach. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



**LENTZ'S EXTRA EARLY BLOOD TURNIP.** We were the first to offer this valuable variety, which originated with Henry Lentz, the well-known Philadelphia market gardener. We recommend it as containing all the valuable qualities of an early beet. It is nearly as early as the Egyptian, but larger and of better quality, of fine, dark red color, tender and sweet at all times, whether old or young. It has a very small top, and will produce a crop in six weeks from time of planting the seed. It is very productive and a perfect keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

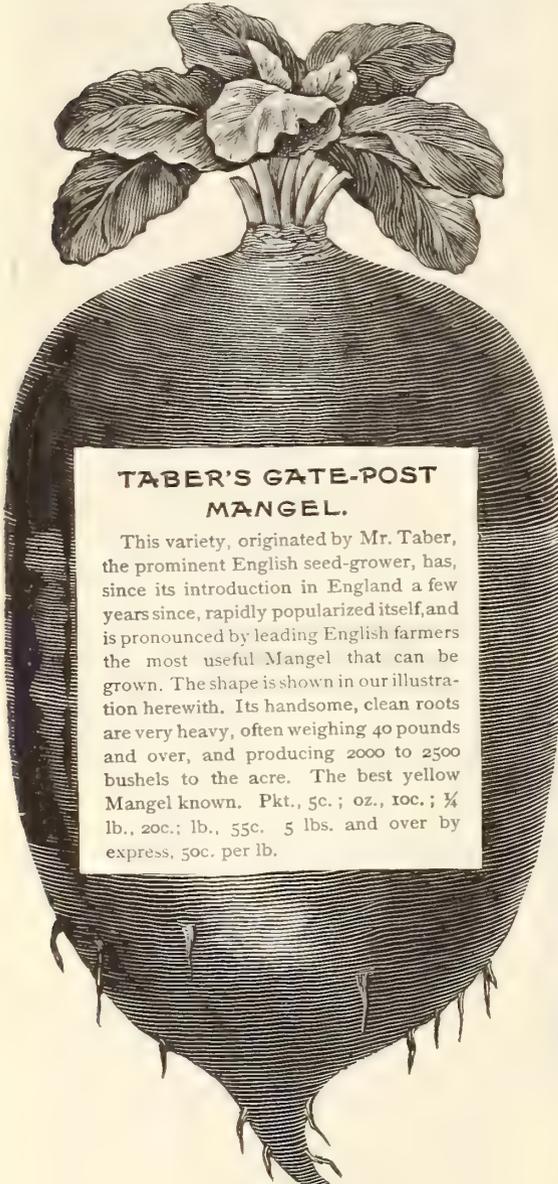
## BEETS—Mangel and Sugar.

STOCK-FEEDING VARIETIES.

The attention of farmers to the growing of roots for feeding stock has increased rapidly, judging from the increased sales of our selected seeds, which now reach several tons annually. The wonderful results are plainly shown in the health and general condition of the animals, and the increased yield of milk in cows.

The seed should be sown from April to June, in drills two feet apart, and afterwards thinned out to stand one foot apart in the rows. Keep well cultivated, and you will have an abundant crop of roots for winter use.

From five to six pounds of seed required to the acre. In quantities of five pounds and over, by freight or express, 5 cents per pound may be deducted from prices per single pound.



### TABER'S GATE-POST MANGEL.

This variety, originated by Mr. Taber, the prominent English seed-grower, has, since its introduction in England a few years since, rapidly popularized itself, and is pronounced by leading English farmers the most useful Mangel that can be grown. The shape is shown in our illustration herewith. Its handsome, clean roots are very heavy, often weighing 40 pounds and over, and producing 2000 to 2500 bushels to the acre. The best yellow Mangel known. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c. 5 lbs. and over by express, 50c. per lb.

**TABER'S GATE-POST MANGEL.** Offered in America last season for the first time. The best yellow Mangel. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.; 5 lbs. and over, 50c. per lb.

**GOLDEN GIANT INTERMEDIATE MANGEL.** This new variety is a great improvement over the old Yellow Intermediate, being much larger and more even in shape, and of a beautiful yellow russet color. It grows more than half above ground, with fine neck and large leaves; flesh white, firm, sweet, greatly relished by cattle. It is a magnificent root, producing enormous crops; easily pulled and an excellent keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c., post-paid; 5 lbs. and over, by express, 35c. per lb.

**GOLDEN TANKARD MANGEL.** A valuable yellow-fleshed variety, said to contain a large percentage of sugar. It has already taken the lead of other varieties in England, and is much relished by milch cows and sheep. In shape it is broader than the Long Red, and not so long; exceedingly hardy, and maturing earlier than other large sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.; 5 lbs. and over, by freight or express, 30c. per lb.

**NEW GOLDEN YELLOW MAMMOTH MANGEL.** A cross between Golden Tankard and Long Yellow. In form and size it resembles Carter's Red Mammoth; the flesh, however, is a bright golden yellow, of fine quality and exceedingly rich in saccharine matter; a heavy cropper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**KINVER YELLOW GLOBE MANGEL.** Grows somewhat longer than the Golden Globe. Skin and flesh are very smooth and fine. It is enormously productive and of superb quality, much relished by all kinds of stock. Roots of this variety have been grown to weigh forty-five pounds. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.; 5 lbs., \$1.75.

**CARTER'S CHAMPION YELLOW, OR ORANGE GLOBE MANGEL.** The best Yellow Globe in cultivation; orange yellow, root of large size and fine nutritive qualities, growing partly above ground; succeeds well on light land. Of beautiful shape, neat top, fine clear skin, and of choice quality; a sure cropper and excellent keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.; 5 lbs., \$1.50.

**CARTER'S MAMMOTH PRIZE LONG RED MANGEL.** A celebrated variety, sometimes called *Jumbo* and *Colossal*. It is grown extensively for agricultural purposes, producing large roots, partly above ground. A very heavy cropper, frequently producing forty to fifty tons to the acre; growing enormously in size, but of fine texture and quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c., post-paid; 5 lbs. and over, by express, 30c. per lb.

**Yellow Ovoid Mangel.** Skin of a deep yellow color, and on account of its shape, being between the Long and Globe varieties, will surpass either, bulk for bulk. It is very nutritious, rich in saccharine matter, and productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.

**LANE'S IMPROVED IMPERIAL SUGAR BEET.** (See illustration.) An improvement on the *French Sugar Beet*. Recommended as hardier, more productive, yielding thirty-five to forty tons per acre, and containing a greater percentage of sugar. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.; 5 lbs., \$1.50.

**Vilmorin's Improved White Sugar Beet.** An improvement on the old *White Sugar Beet*, containing a much larger percentage of sugar. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.; 5 lbs., \$1.75.

**Red Top White Sugar Beet.** Large size and grows considerably above the ground; fine for feeding. Cultivated in Europe for sugar. Pkt., 5c.; oz., 10c.; lb., 30c.; 5 lbs., \$1.25.

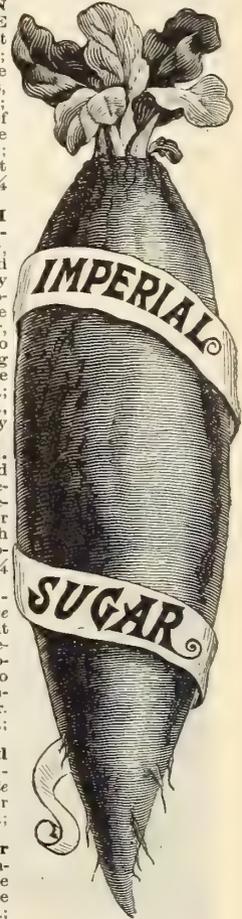
### BROCCOLI.

This very much resembles Cauliflower in appearance and uses, but is by many considered more delicate.

**Early Purple Cape.** Best for the North, producing compact brownish-purple heads. Pkt., 10c.; oz., 40c.

### BRUSSELS SPROUTS.

**IMPROVED HALF DWARF, or PARIS MARKET.** The most productive variety, bearing handsome solid sprouts of the best quality. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.



LANE'S IMPROVED.



# A Heavy-Weight



## THE CHIRK CASTLE MANGEL-WURZEL.

Our attention was first called to this prodigious variety while visiting Scotland, a few years since. We saw hundreds of specimens taken from the field, weighing over sixty lbs. each, while whole crops averaged thirty-eight to forty lbs. per root, producing a yield of over sixty tons to the acre. The length is about the same as Carter's Mammoth Long Red, but it is remarkable for its handsome shape and broad shoulders, its diameter being greater and its weight very much heavier. The flesh is red, of very fine texture and quality, containing less water and more sugar than any other mangel, making it more nutritious and milk-producing. Sheep also thrive better when fed on it, picking out pieces of it in preference to other kinds. We consider this and *Taber's Gate Post* by far the most valuable and profitable of all the stock-feeding beets. It is such a shy seeder that the seed cannot be grown as cheaply as other mangels. Pkt., 10c.; oz., 15c.; ¼ lb., 25c.; lb., 65c.; 5 lbs. (enough for one acre), \$3.00.

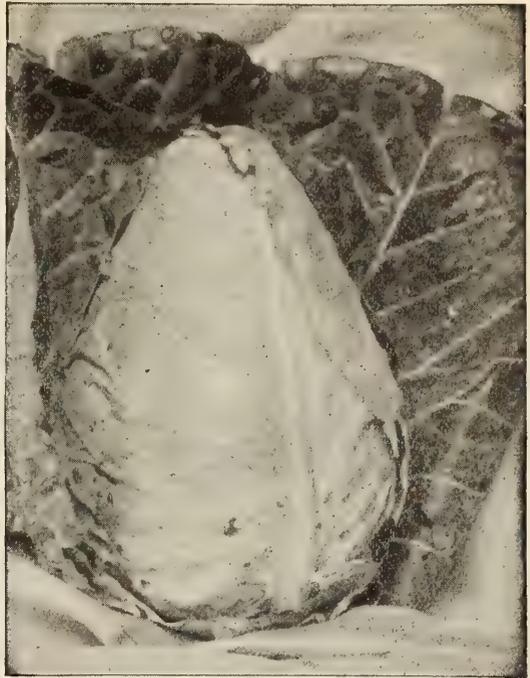
**CHIRK CASTLE**

The Largest, Heaviest and most Profitable Mangel. Pkt., 10c.; oz., 15c.; ¼ lb., 25c.; lb., 65c.; 5 lbs., \$3.00.

# Cabbage.

One ounce of seed will sow a bed of about forty square feet and produce about two thousand plants.

## Early and Summer Varieties.



THE CHARLESTON OR NEW LARGE WAKEFIELD.

**THE CHARLESTON OR NEW LARGE WAKEFIELD.** We were one of the first seedsmen to introduce this now popular market cabbage. It is five to six days later than Early Jersey Wakefield. The heads are fully one-half larger and quite solid. It is very compact in growth and can be easily planted in rows two feet apart and twenty inches in the rows. One great advantage is, it does not burst open when ripe, like many other early sorts, and consequently can be left standing on the ground a long while without injury, until a favorable opportunity for cutting. No market or private gardener desiring a cabbage of this kind should fail to plant this valuable sort. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

**JOHNSON & STOKES' WONDERFUL.** Where extreme earliness is the most important point, we recommend this variety. It is ready for market or table in seventy-five to eighty days from sowing the seed, coming in a few days ahead of our Johnson & Stokes' Earliest, but does not, of course, form quite so large or solid a head. It has few loose outer leaves, and will produce a larger crop than any other variety, from the fact that it can readily be planted as close as fifteen to sixteen inches apart each way, or about 15,000 to the acre. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.25.

**EARLY JERSEY WAKEFIELD.** (*Extra Selected Stock*) While this sort is not so early as Johnson & Stokes' Earliest and New Wonderful, it will be found to be the very best conical headed sort to come in immediately after them. Unfortunately, the great demand for this sort has brought upon the market large quantities of coarse and inferior stock, which has tended to diminish the popularity of the sort; but when pure home-grown stock, such as we offer, is used, it cannot fail to give perfect satisfaction. Leading market gardeners around Philadelphia, New York, Boston and elsewhere pronounce our strain "the very best they can get." Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**EXTRA EARLY EXPRESS.** A new French cabbage, resembling the well-known Etampes cabbage, but a few days earlier and a little lighter in color. It comes off almost as early as our Johnson & Stokes' Earliest Cabbage, but does not form so large or solid a head. Do not be deceived into buying these French Cabbages as the earliest and best, as after several years' comparative trials, each variety planted alongside, we find them some days behind our Wonderful and Earliest, which are thoroughbred American varieties, and form both larger and harder heads. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

## Importance of Reliable Cabbage Seeds.

To market gardeners generally no vegetable is of greater importance than the cabbage; and to many growers the success or failure of this crop means gain or loss for the year. It does not pay, therefore, to take any risks in buying seed. Much of the seed commonly sold has not had the great care necessary in growing to make it reliable. Our Cabbage Seed is the very best procurable, raised only from the centre shoots and from carefully selected solid heads. Our crops are all personally inspected with untiring care and watchfulness. As a standing evidence of its quality, we need only say that we annually supply hundreds of the best market gardeners about Philadelphia, New York, Chicago, Boston, Charleston, Norfolk and other large cities.

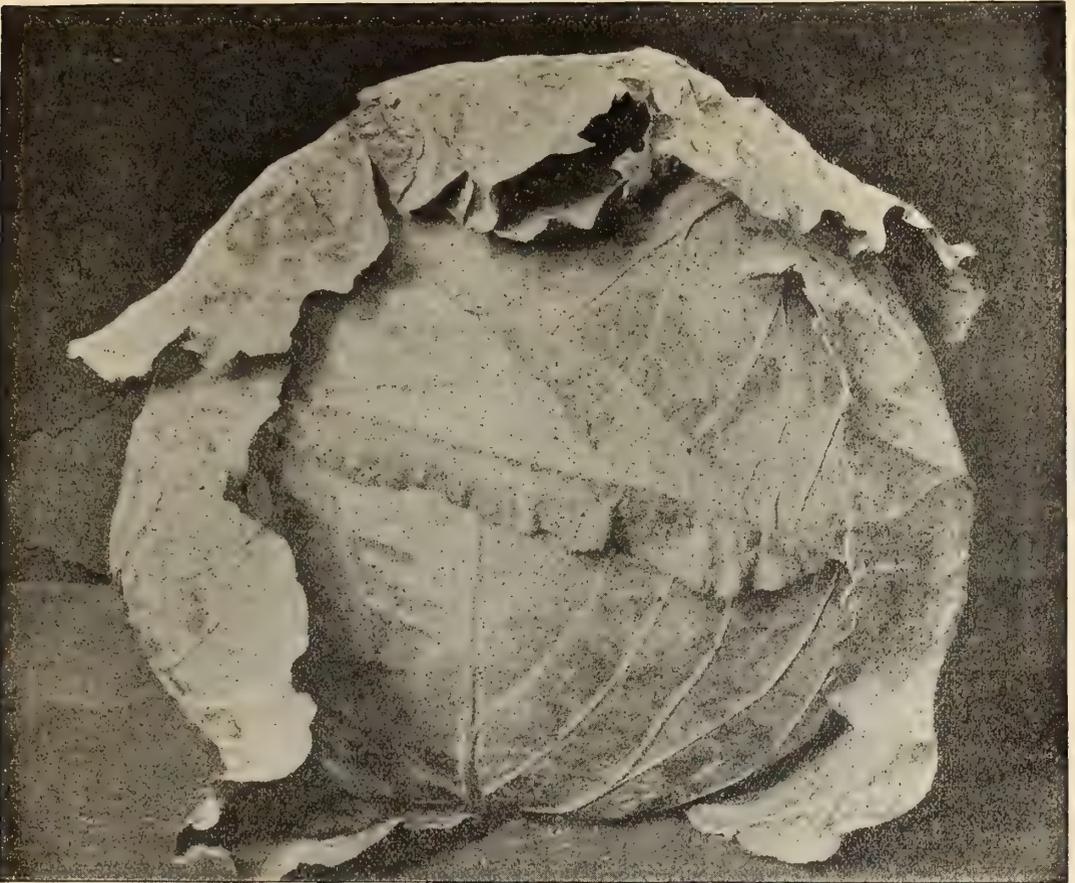


JOHNSON & STOKES EARLIEST.  
THE GREATEST OF ALL EARLY  
CABBAGES.

### Johnson & Stokes' Earliest Cabbage.

No words of praise can be written that would recommend this most desirable cabbage too highly. Now in the **tenth year of its great popularity**, and is to-day more largely planted by market gardeners all over the United States than any other first early cabbage known. It gives every market gardener who plants it complete control of the early markets, and is everywhere pronounced by them the best and most profitable first early cabbage ever grown.

It is **ten days earlier** than Early Jersey Wakefield, and is **unsurpassed in fine quality, great beauty and vigor of growth**. The heads are slightly conical, **remarkably large, solid and uniform in growth, and of the finest quality**. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00; 2 lbs., \$7.50; 5 lbs. and over, \$3.50 per lb.



**JOHNSON & STOKES' MARKET GARDENERS' CABBAGE No. 2.**

In this very valuable new variety we have the **earliest and most compact of all large cabbages**. It is pronounced by many prominent gardeners, who are now growing it almost exclusively, the **very best of all large early cabbages**.

In it we have a cabbage so **hardy and vigorous** that it can be set **earlier than Jersey Wakefield or Early Summer**, and will produce fine, solid, marketable heads, more than **twice as large as Jersey Wakefield and one-half again as large as Early Summer**, and come in as **early as the Wakefield**, and fully ten days earlier than Early Summer or any other round or flat-headed variety.

On the other hand, when planted for a fall or winter crop, there is no other cabbage which will withstand the summer sun so well, and is so sure to form **large, deep, solid heads**, of quality equal to the best. When stored for winter they keep perfectly until very late in the spring, coming out in fine salable condition.

Such a cabbage is **Johnson & Stokes' Market Gardeners' Cabbage No. 2**, and all who have not yet given it a trial will, after growing it, be as enthusiastic in its praise as we are. In this we have the **best seed of the very best cabbage in cultivation**. Pkt., 10c.; oz., 35c.; 2 ozs., 60c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**EARLY WINNINGSTADT.** The Prussian Prize Stock. Many consider the Early Winningstadt the very best for early market sales, as it invariably grows very hard, and will head on soils where many other sorts fail entirely. Reliable stock is hard to get, as seedsmen usually import it from England and France. The seed we offer, however, is *American grown*, acclimated and selected from the original Prussian Prize Stock. Those intending to plant this variety will find this strain far superior in earliness, size, solidity and great uniformity of heading to any other ever sold in this country. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50; 2 lbs. for \$2.75.

**LOUDERBACK'S ALL YEAR ROUND.** This cabbage originated with Daniel Louderback, one of the oldest and most successful of Philadelphia market gardeners, and has had a great local reputation for several years. It is not only the finest early Drumhead in cultivation, but is equally as good for **second and third early, intermediate and late**. It heads large, compact and solid, with very short stem and few outer leaves, and unflagging under the hottest sun or heaviest frost. It may be sown successively and continuously during all periods when cabbage is planted. The seed we offer was grown by the originator. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

**ALL HEAD EARLY.** This new variety originated on Long Island, and was first introduced in 1891. The habit of growth is very compact, allowing it to be planted very close. We can recommend it as one of the most thoroughbred and uniform cabbages we have ever grown, as in a large field which we grew for seed the past season every plant formed a head fully as large as **All Seasons**, of perfect and uniform shape. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25; 2 lbs. for \$4.25.

**HENDERSON'S SUCCESSION.** Attention was first called to this new cabbage by Mr. Van Sieten of Long Island, who originated the well-known Early Summer cabbage. It has given satisfaction wherever planted. It follows ten days after Early Summer, with larger and heavier heads. It grows so compactly that notwithstanding its large size, it can readily be planted almost as close as Early Summer. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25; 2 lbs. for \$4.25.

**LOUISVILLE DRUMHEAD.** This is the most popular intermediate or second early with market gardeners around Louisville and the Southwest. It comes off medium early, withstands heat to a remarkable extent, heads large, solid and uniform in size, and dark, bluish-green in color. We can recommend this sort very highly for the Southern and Middle States. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.



THE FINEST  
STRAIN OF  
FLAT DUTCH  
CABBAGE  
IN THE WORLD.

MOST UNIFORM  
IN COLOR,  
SHAPE AND  
SIZE OF ANY  
LATE CABBAGE

**JOHNSON & STOKES' MATCHLESS LATE FLAT DUTCH CABBAGE.**

In this superior strain of late cabbage we believe we have combined every good quality essential to perfection. It is the result of several years' continued selection for our seed stocks of the most perfect and largest heads, with low stocks, and especially those that show greater earliness in heading, with few outer leaves and of very uniform color. By such persistent selection, year after year, we have a highly improved strain, pronounced by experienced cabbage growers and market gardeners, who now grow it in preference to all others for a main crop, **the finest strain of late cabbage in the world.** It grows very large and nevers fails to make a perfect, solid head, and is most uniform in shape, size and color. Pkt., 10c.; oz., 30c.; 1/4 lb., \$1.00; lb., \$3.00; 2 lbs., \$5.50; 5 lbs. and over, \$2.50 per lb.

**Early and Summer Cabbages.**  
(Continued.)

**11 WELL-KNOWN STANDARD VARIETIES.**

Packets, 5 cents each.

	Per oz.	1/4 lb.	lb.
Very Early Etampes, . . . . .	\$0 15	\$0 40	\$1 40
Henderson's Early Summer, . . .	20	65	2 25
Vandergaw Midsummer, . . . . .	20	60	2 00
Early Drumhead, . . . . .	20	65	2 25
All Seasons, . . . . .	20	60	2 00
Fottler's Improved Early Flat Brunswick, . . . . .	20	60	2 00
Early Dwarf Flat Dutch, . . . . .	20	65	2 25
Early York, . . . . .	15	50	1 50
Sugar Loaf, . . . . .	15	50	1 50
Early Oxheart, . . . . .	15	50	1 50
Early Bleichfield Giant, . . . . .	15	50	1 50

**Late or Winter Cabbages.**

**THE LUPTON.** A splendid new sort, originated on Long Island. See Novelties, page 5. Pkt., 10c.; oz., 30c.; 1/4 lb., \$1.00; lb., \$3.00.

**NEW ROCK HEAD.** Extra fine late cabbage. See page 4. Pkt., 15c.; oz., 35c.; 1/4 lb., \$1.00; lb., \$3.50.

**GERMAN EXPORT OR HOLLAND CABBAGE.** During the past few years we have had numerous requests from market gardeners and cabbage growers for the seed of the imported German Cabbage so frequently seen in our markets late in the season, and which, owing to its great solidity and handsome appearance, sells at higher prices than American sorts. We at last succeeded in obtaining a quantity of this seed from a reliable German grower. It is pronounced by those who have grown it one of the **finest main crop and winter cabbages**, and, notwithstanding its foreign origin, seems to succeed in all sections of the United States. Pkt., 10c.; oz., 35c.; 1/4 lb., \$1.00; lb., \$3.50.

**AUTUMN KING, OR WORLD-BEATER.** A new strain of late cabbage which is highly spoken of by all gardeners who have thus far tested it. The heads are of enormous size and very solid. It has few outer leaves, and owing to this fact it is claimed that it will produce a greater weight of crop from the same space of ground than most other late cabbages. Pkt., 10c.; oz., 25c.; 1/4 lb., 75c.; lb., \$2.50.

Late Cabbages—Continued.



JOHNSON & STOKES' HARD-HEADING SAVOY CABBAGE.

**JOHNSON & STOKES' HARD-HEADING SAVOY.** This variety, the result of many years' careful selection, is certainly the perfection in the Savoys. It is unquestionably the best and most profitable strain to grow, being far superior to the ordinary Imported Drumhead Savoy, as generally sold, the seed of which can be supplied at less than half the price. The heads are large, very uniform, solid and hard, of a deep green color. It is very curly and sure to head, keeps well, and retains its color until very late in the season. It is the best of all for either market or the home table, owing to its exceptionally fine quality, possessing the rich, sweet flavor of the cauliflower when cooked. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

**NEW DIAMOND WINTER.** In this cabbage we have a strain entirely distinct from any other. It is a cross between our celebrated Short Stem Drumhead and Danish Round Winter. It grows very compact, the stem is short, and it can be planted closer together than any other late variety. The heads will average from fifteen to eighteen pounds in weight after they are trimmed for market; they grow very uniform in size and shape. They are extra hard and solid, somewhat flattened on top, are always of the finest possible quality and sure to head. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.25.

**JOHNSON & STOKES' SHORT-STEM DRUM-HEAD.** This improved variety far surpasses the old strain of Large Late Drumhead Cabbage, ripening earlier, with very short stock or stem, forming larger and thicker heads, of fine quality and the best of keepers. Owing to our long-continued selection of the finest heading plants for seed for several years past, this variety is remarkable for reliability of heading; every one who plants it can expect at least ninety-eight large solid heads from every one hundred plants. Our customers in all sections where many varieties fail to head, will find the Short-Stem Drumhead a sure thing, and can depend on big crops every time. Pkt., 10c.; oz., 35c.; 2 oz., 60c.; ¼ lb., \$1.00; lb., \$3.00.

**THE CAROLINA HARD HEADER.** This distinct late cabbage was originated in Luncombe County, North Carolina, where it has had a great reputation, the seed frequently being sold by local gardeners at the rate of \$15.00 to \$20.00 per pound. An old gardener, in describing this cabbage, says: "It heads as sure as the sun rises." It grows good-sized heads, round, slightly flattened on the top, and very hard, averaging fifteen to twenty-five pounds each. It has a very short stock or stem, and is darker green in color than any other cabbage of its class; earlier than the best strains of Late Flat Dutch. While it is the most reliable hard-heading cabbage for the South, we find it equally valuable for the Middle States. **Cabbage growers will make no mistake in planting it largely, as it leaves nothing to be desired.** Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**GENUINE SUREHEAD.** This popular cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. It originated some years since with a practical market gardener, by crossing the Flat Dutch and Drumhead varieties, and has always brought the highest price in our markets. It is a strong, vigorous grower, ripening late for a main crop, and very uniform in size and color. Our supply is grown from the original seed, and none better is to be had at any price. Pkt., 5c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.25; 2 lbs., \$4.00.

**PREMIUM FLAT DUTCH.** This old variety is yet largely grown for late or main crop, being a favorite winter market variety. Heads very large, solid and broad, with flat tops, of fine flavor and quality; very short stems. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50; 5 lbs. and over, by express, \$1.35 per lb.

**LARGE LATE DRUMHEAD.** A favorite winter variety; extra large, solid heads; slightly later than the Flat Dutch. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50, post-paid; 7 lbs. and over, by express, \$1.35 per lb.

**BRIDGEPORT DRUMHEAD.** This is the standard shipping cabbage around Chicago, where local growers have paid as high as \$20.00 per pound for the seed in seasons when scarce, and will raise no other. It makes a large, even, firm, round head, seldom rots or bursts, and is unquestionably one of the finest shipping cabbages grown. *Extra selected seed.* Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**MAMMOTH ROCK RED.** This is by far the best, largest and surest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round, very solid, and of deep red color inside as well as outside. Ninety-eight per cent. of the plants will form extra fine heads. The best of the red cabbages. Pkt., 10c.; oz., 30c.; ¼ lb., 80c.; lb., \$2.75.

**Red Dutch Erfurt.** Very early, of deep blood color; head solid. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**MARVIN'S SAVOY.** A strain of Drumhead Savoy originated on Long Island, where it is very popular among local gardeners. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**PERFECTION DRUMHEAD SAVOY.** Grows large heads, nearly round, tender, excellent flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

The following well-known Late Cabbages are each 5c. per pkt; 15c. per oz.; 40c. per ¼ lb.; \$1.50 per lb.: **Green Glazed, Filderkraut, Marblehead Mammoth Drumhead, Stone Mason, Green Curled Savoy.**

Cauliflower.

One ounce will produce about fifteen hundred plants and sow about forty square feet.

**JOHNSON & STOKES' NEW EARLY ALABASTER.** Of American origin; the earliest, best and surest heading variety yet introduced. (See Specialties, page 3.) Pkt., 25c.; 5 pkts., \$1.00; ¼ oz., \$1.35; oz., \$5.00; ¼ lb., \$16.00.

**GILT EDGE EARLY SNOWBALL.** (See illustration.) The strain we have of this variety is without doubt the very best to be had.

Our stock was grown from the very finest specimens, noted for their earliness, dwarf habit, large size, uniform shape and compact growth. For forcing under glass during winter and early spring, or for planting later in the open ground, no stock of Snowball can surpass it. Pkt., 25c.; ¼ oz., 85c.; ½ oz., \$1.50; oz., \$3.00; ¼ lb., \$9.00.



GILT EDGE SNOWBALL CAULIFLOWER.

**EXTRA SELECTED EXTRA EARLY DWARF ERFURT.** One of the earliest varieties; small-leaved, dwarf for forcing, producing very solid, pure white heads of the finest quality; about fifteen inches high. Do not confound this variety with the cheaper Early Dwarf Erfurt. Pkt., 20c.; ½ oz., \$1.50; oz., \$2.75; ¼ lb., \$8.00.

**Extra Early Paris.** A popular early white, sure heading variety. Pkt., 10c.; oz., 75c.; ¼ lb., \$2.25; lb., \$7.50.

**Veitch's Autumn Giant.** Large, fine heads, well proportioned. Pkt., 10c.; oz., 60c.; ¼ lb., \$1.75; lb., \$6.50.

**Algiers.** One of the best sure heading late varieties. Pkt., 10c.; oz., 75c.; ¼ lb., \$2.50; lb., \$9.00.

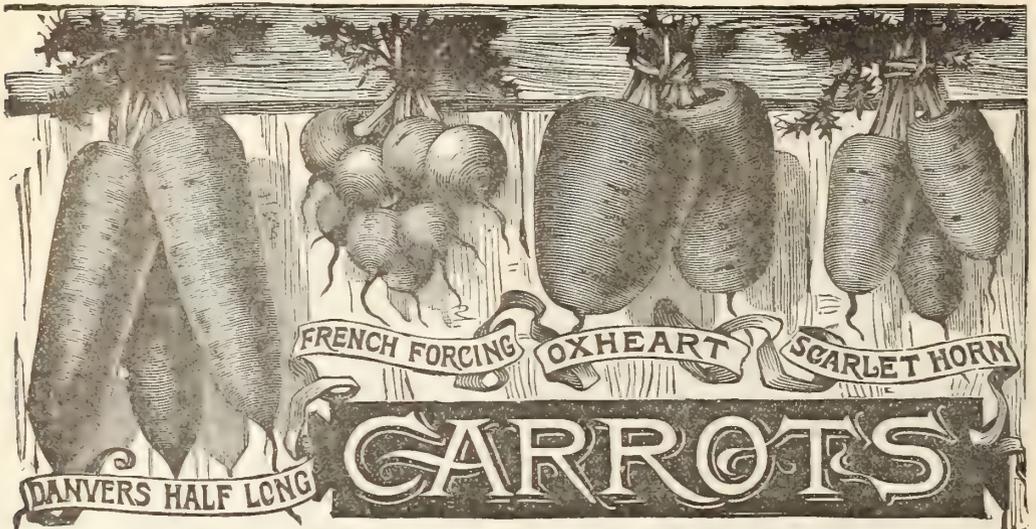
**Lenormand's Short Stem.** Large late variety, with well-formed white heads of extra quality and well protected by leaves. Pkt., 10c.; oz., 75c.; ¼ lb., \$2.00; lb., \$7.60.

What Market Gardeners Say.

**Johnson & Stokes' Market Gardeners' Cabbage No. 2.** W. C. CUMMINGS, Greenvale, Tenn., Sept. 10, 1895, writes: "Having grown your Johnson & Stokes' Market Gardeners' Cabbage No. 2 for several years, I am competent to say that it is the finest cabbage I ever raised in my life; now I cultivate no other kind than this. People go wild over my cabbage patch and ask: 'where did you get your seed?'"

**Johnson & Stokes' Earliest Cabbage.** R. FENDALL SMITH, Marmora, N. J., Jan. 29, 1895, writes: "Your seeds always give me the very best results. Your Johnson & Stokes' Earliest Cabbage far exceeds anything in the early cabbage line I ever grew. Your Golden Self-Blanching and Perle le Grand Celery are also the best varieties in cultivation; they stand at the very top."

**Johnson & Stokes' Early Alabaster Cauliflower.** "No other cauliflower ever grew so easily or such handsome heads before."—R. & E. B. AYLER, Portsmouth, R. I. "Early Alabaster is the earliest and surest heading cauliflower I have ever grown."—P. DILTY, Sand Brook, N. J.



One ounce will sow about one hundred and twenty-five feet of drill; four pounds will sow an acre.

**NEW RUBICON HALF-LONG.** The best Half-long Carrot for either market or family use. (See Specialties, page 6.) Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**IMPROVED DANVERS HALF-LONG.** (See illustration.) Our pure American stock of this valuable variety is preferred by many gardeners to any other sort. The top is small, color of a rich shade of orange, shape very handsome and smooth; quality the very best. One highly valuable feature of our strain is that it has its full color when quite young, which enables it to be pulled sooner. It is equally valuable to grow for feeding stock, being well adapted to all soils, and will yield the greatest bulk with the smallest length of root of any other sort. Under good cultivation we have known it to produce thirty tons to the acre. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.; 5 lbs., by express, \$3.25.

**RED PARISIAN FORCING.** A distinct new variety from France; it is the earliest of all carrots, forming roots much quicker than the well-known French Forcing. It is as round as a turnip; has a fine neck, leaves short and erect, quality excellent. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Very Early Short-Horn Scarlet or French Forcing.** (See illustration.) An early forcing variety; small root and excellent flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**EARLY SCARLET HORN.** (See illustration.) The favorite summer variety, deep orange color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**HALF-LONG NANTES.** (Stump-rooted.) A fine intermediate variety, bright scarlet color, smooth, large, and of excellent quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**SAINT VALLERY, or NEW INTERMEDIATE RED.** This splendid variety originated in France, near the city of St. Vallery, from whence it takes its name. It grows to uniform large size, intermediate in shape between the Half-long and Long Orange. The roots are straight and smooth, broad at the top, measuring about two and three-fourths inches across, with a length of about eleven inches. The color is a rich orange red. In table quality it is faultless. It will be found a most excellent variety for either garden or field culture. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**CHANTENAY.** This variety resembles the Half-long Nantes, but has larger shoulders. Fine, deep scarlet color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**Early Half-Long Scarlet.** A desirable variety, remarkably smooth and rich color, very fine for table use or forcing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**NEW LONG RED CORELESS.** Grows ten to twelve inches long, and two inches in diameter; very smooth, stump-rooted, good color, of excellent quality, free from any heart or pith. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**OX-HEART, or HALF-LONG GUERANDE.** (Stump-rooted. See illustration.) This is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half-long and Horn varieties, attaining a diameter of three to four inches at the neck; of most beautiful shape, and rich orange color. It is of extra fine quality and very productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**IMPROVED LONG ORANGE.** The well-known and popular old stand-by for late summer and winter use; grown extensively for feeding stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 5 lbs. and over, 55c. per lb., by freight or express.

**NICHOLS' LONG ORANGE.** We procured this stock some years since from Mr. Robert Nichols, one of the most successful market gardeners of this city. The strain is much earlier than the Long Orange as usually sold. The color is of a deep golden orange when no thicker than an ordinary lead-pencil, shading to a deep orange red when fully grown. The root is perfectly smooth. It grows without any neck whatever; the top is short, and this, together with its extreme earliness, admirably fits it for early forcing. It is also one of the best varieties for growing outside, on account of its great productiveness and adaptability to all kinds of soil. We are headquarters for seed of this now popular carrot; our stock comes direct from the originator. There is much spurious seed sold under the same name. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.; 5 lbs. and over, 75c. per lb.

**Large White Belgian.** Grows one-third above ground; large white root, with green top; grown exclusively for feeding stock. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Large Yellow Belgian.** A good stock-feeding variety, differing from the above only in color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 5 lbs., \$2.25, by express.

## Celery.

One ounce will produce about twenty-five hundred plants and sow about two hundred feet of row.

**NEW PINK PLUME.** This new celery is practically identical with White Plume, except that the stalks are suffused with a dainty pink, adding the crispness and rich nutty flavor for which the red celeries are noted. Every celery grower in the land should try the New Pink Plume. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 90c.; lb., \$3.25.

**NEW ROSE.** In England the Pink or Red Celeries are much more largely used than the White varieties, and we have often wondered why they were not more grown in this country. They possess many advantages over the white, being hardier, more solid and better keepers. The New Rose is the best of all the Red varieties, combining all these desirable qualities, and is the most ornamental for the table, with its beautiful rose-colored heart and pink stems. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25.

**NEW GIANT PASCAL.** This variety is a sport from our Golden Self-Blanching Celery, which has become so popular within the last few years, thoroughly established by careful selection. It partakes of the best qualities of that variety, but is somewhat larger and taller. It is of a fine, nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp; the width and thickness of these are distinctive features of this variety. It bleaches with but slight "earthing up," and very quickly, usually in five or six days. It is a splendid keeper. We offer extra selected seed of our own growing. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**GOLDEN HEART DWARF.** This distinct variety is a most popular old variety among market gardeners. It is entirely solid, an excellent keeper and of fine, nutty flavor. In size and habit of growth it is much the same as Half-dwarf White kinds, except when blanched, the heart, which is large and full, is of a waxy, golden yellow, rendering it very striking and showy for either market or private use. We have an unusually fine strain, and sell hundreds of pounds each season to our most critical market gardeners. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25; 2 lbs., \$4.00.



PHOTOGRAPH OF AVERAGE SINGLE PLANTS OF FOUR OF THE BEST CELERIES IN CULTIVATION.

**JOHNSON & STOKES' GOLDEN SELF-BLANCHING.** The Golden Self-Blanching Celery is pronounced by hundreds of our patrons the very best and most profitable celery in cultivation. The photograph above will give some idea of its handsome form, attaining a very large size, but very stocky and robust. It is very early, entirely self-blanching, and can be grown without any banking up or covering whatever, even the outer ribs assuming a yellowish white color, very large, crisp and solid. It is unequalled in striking appearance on the table or market stall, and decidedly the best keeper of all the self-blanching varieties. Many of our largest celery growers are now planting their entire crops in this variety, and pronounce our strain the best and purest obtainable. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 90c.; lb., \$3.25.

**DILKS' MANY-HEARTED.** (See illustration.) This fine new celery was originated by Mr. Geo. Dilks, a noted Philadelphia market gardener, from one stalk found growing in a field of Golden Dwarf in 1884. It is very distinct in appearance; foliage dark green. We have seen four stalks in a bunch weigh thirteen and a quarter pounds, and entirely cover the top of an ordinary flour barrel. It is a splendid keeper and seller and especially adapted to light or poor ground where other varieties could not be grown. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

**PERFECTION HEARTWELL HALF-DWARF.** (See illustration.) A large, solid growing variety, of excellent flavor and a creamy white color. It makes an excellent market sort for winter use, as the stalks are clear and attractive in color, with golden yellow heart, and of a size to influence purchasers. Very popular in the New York markets, where it is considered by many the finest of all winter varieties. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25.

**WHITE PLUME, EXTRA SELECTED AND PERFECTED.** (See illustration.) Each year adds to the popularity and value of this variety. Like our Golden Self-Blanching, it requires very little earthing up to blanch it, and although its keeping qualities are not equal to our Golden Self-Blanching, yet, as a celery for the fall and early winter use, it is unsurpassed. Our strain of this variety is closely selected each year, and will be found entirely free from green celery, so prevalent in much of this seed sold. Market Gardeners everywhere, who purchase from us, are unanimous in pronouncing our White Plume the best and purest strain they can get. Pkt 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**6 WELL-KNOWN STANDARD CELERIES.**

Packets, 5 cents each.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Kalamazoo Broad Ribbed, . . . . .	\$0 20	\$0 60	\$2 25
Chicago Giant Golden Heart, . . . . .	20	60	2 00
Crawford's or Henderson's Half Dwarf, . . . . .	20	60	2 00
Giant White Solid, . . . . .	15	45	1 50
Early Arlington, . . . . .	20	60	2 25
Boston Market, . . . . .	20	60	2 00

\* **Soup or Flavoring Celery (Old Seed).** Used for flavoring soups, stews and pepper sauce. Oz., 5c.; lb., 30c.

**Celeriac—(Turnip-Rooted Celery).**

**LARGE SMOOTH PRAGUE.** The largest, smoothest and best. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Apple-Shaped.** A new kind, with small foliage, the roots very smooth. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.50.

**A GUIDE TO CELERY CULTURE.** Kalamazoo Celery, by Bochore. This valuable book will be mailed to any address on receipt of price, 50c., or can be selected free with all orders of \$3.00 and over. See Book Premiums.

**New Perle Le Grand Celery.**

The very best winter celery. (See Specialties, page 6.) Pkt., 15c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**EVIDENCE OF QUALITY.**

HIRAM PRESLEY, Port Huron, Mich., Jan. 17, 1895, writes: "I make it a point to get the very best seeds obtainable, and I have tried all of the leading seedsmen in the country, but have found your strains of Golden Self-Blanching, White Plume and Golden Heart Celery, superior to them all. I also notice that your prices are lower than other houses, notwithstanding your seeds are the highest in quality."

CHAS. M. PETERSON, Peninsula, Ohio, Oct. 19, 1895, writes: "Some years ago I received from you a sample packet of new celery, afterwards called "Perle Le Grand," which I have raised each year since, and consider it by far the best celery in cultivation."

## Corn—Sweet or Sugar.

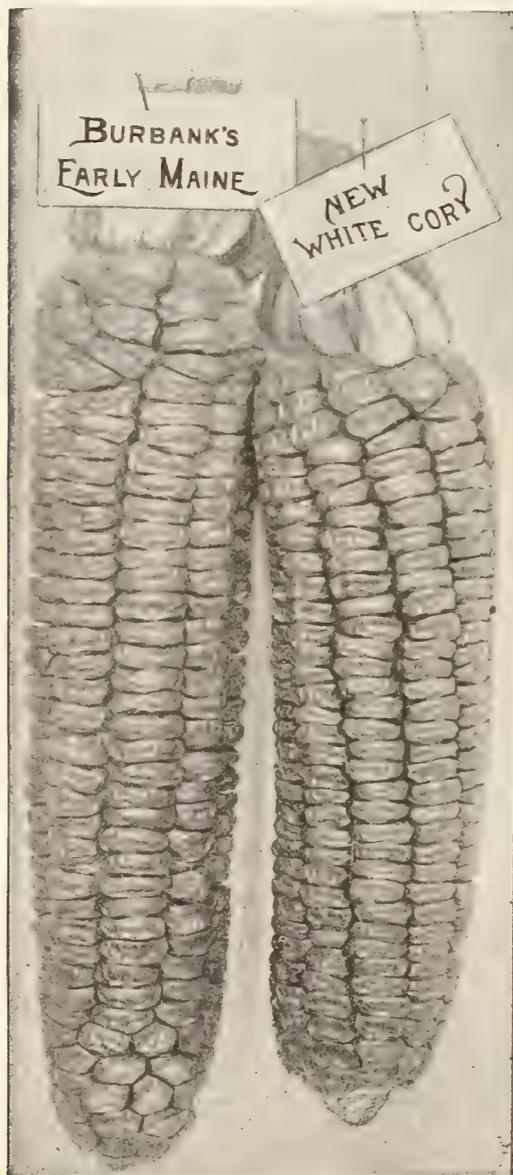
One quart will plant about two hundred hills and one peck is required to plant an acre in hills.

Please remember our prices on Sweet Corn do not include postage. Add 8c. per pint, 15c. per quart for postage when ordered to be sent by mail.

**LARGE PACKETS OF ANY VARIETY, 5c. EACH.**

**EARS OF EARLY VARIETIES, 5c. EACH, LATE VARIETIES, 10c. EACH.**

Half peck and half bushel at peck and bushel rates.



### Early and Intermediate Varieties.

#### BURBANK'S EARLY MAINE SWEET CORN.

When Mr. E. W. Burbank, of Maine, wrote us four years ago that he had originated a pure white Sweet Corn, earlier than Cory, we were at first inclined to doubt his statement, but his claim has now been confirmed by our own trials, as well as by many of our Market Garden customers, who write they find it to be fully three to five days earlier, with many other decided advantages over the famous Cory Corn. The ear is much longer and larger, with a pure white cob, kernels rich cream white, sweet and juicy. Stalk grows to medium height, and on good ground will average two ears. For large, white ears, sweetness and the length of time it remains fit for use, **Burbank's Early Maine** takes first place as the *finest extra early Sweet Corn for both the market gardener and private planter.* Pkt., 10c.; pint, 20c.; qt., 40c., post-paid; qt., 25c.; peck, \$1.00; bush., \$3.50, by freight or express.

#### NEW WHITE CORY SWEET CORN.

We were among the first seedsmen to introduce the now popular Cory Corn, nine years ago, our supply having been first obtained from Mr. Joseph Cory, the originator, while on a visit to his farm in Rhode Island. For several years selections have been made of the few white grains that always appeared in the Cory, until we now have a thoroughbred **White Cory Corn**, entirely free from the objectionable red color, making it look much nicer for the table. In earliness, dwarf habit and other respects, it is exactly the same as the well-known Cory, which it will undoubtedly entirely supplant when generally introduced. Pkt., 10c.; pint, 20c.; qt., 40c., post-paid. Qt., 25c.; peck, \$1.00; bush., \$3.50.

**NEW CHAMPION.** Now offered for the first time. See *Novelties*, page 7. Pkt., 10c.; pint, 25c.; qt., 45c.

**THE CORY** will produce good ears for boiling in *fifty-two days from planting.* It has a larger kernel than the Marblehead and is quite distinct, being nearly white in color. Our stock comes directly from Mr. Jos. Cory, the originator. Pkt., 10c.; qt., 20c.; peck, 75c.; bush., \$2.25.

**FIRST OF ALL.** This new variety is a selection from the Cory, coming in a few days ahead of this famous sort. The ears are about the same size as Cory, a little lighter in color. It cannot fail to prove valuable for early market. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, 80c.; bush., \$3.00.

**STABLER'S PEDIGREE EXTRA EARLY.** A popular variety with Philadelphia gardeners, noted for its earliness. Pint, 10c.; qt., 20c.; peck, 90c.; bush., \$3.25.

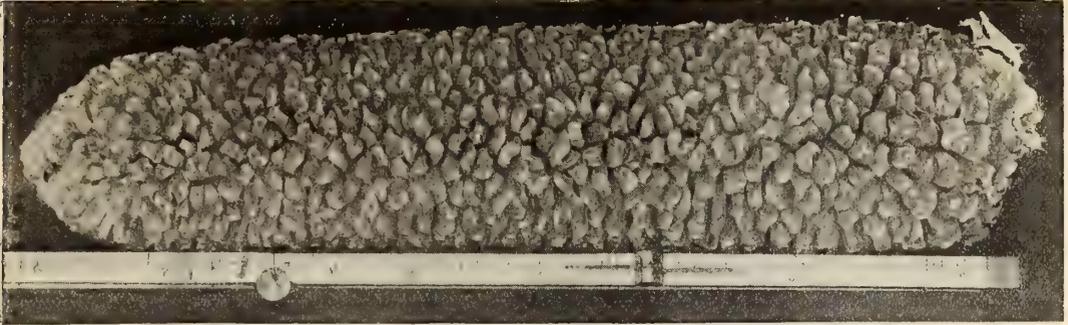
**BURLINGTON HYBRID.** This variety has been grown for several years with great profit by a few truckers of Burlington County, N. J. It has been adopted by a large number of our own patrons, on our recommendation, many of whom have written us that it gives them entire control of the early markets, proving extremely profitable. It is a cross between Adams' Extra Early and a large-eared, productive variety of sugar corn. Its great market value can be readily seen from the fact that it is as early as the Adams, with an ear fully as large as Stowell's Evergreen, and more productive than either, producing equal to the most prolific field corn, it having frequently produced over one hundred bushels to the acre grown as a field crop. Although not legitimately a sugar corn, yet the husks, blades and ear in a green state exactly resemble the sugar varieties, and it sells readily in market as a sweet or sugar corn. It is, however, of much better eating quality than the Adams. When dry the grain is smooth and of a creamy-white color. The stalks grow to a height of about five feet and very compact, admitting of closer planting than any other variety; the ears begin to set low down, and are borne three to four to a stalk. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, 80c.; bush., \$2.50.

**EARLY DAWN.** This new and distinct sugar corn is pronounced by those who have grown it a **most valuable introduction.** It is unquestionably the **Largest-eared White-cobbed Early Sweet Corn**, with rich, creamy-white kernels, so large, plump and deep that the shell or hull, so prominent in most varieties, is reduced to a minimum; the ears, in many instances, having sixteen to twenty-two rows. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.

**NEW EARLY BONANZA.** A few years since, an enterprising market gardener of this city astonished his brother gardeners by having in market, *several weeks ahead* of any of them, *large, fine ears* of sweet corn in great abundance, for which he obtained almost fabulous prices. Having become quite celebrated for its fine quality, it was much sought after. Its good qualities were fixed by careful selection of seed, and it was named **NEW EARLY BONANZA.** It is undoubtedly as early as Minnesota, Crosby's and other extra early varieties, while the ears are much larger. It is *exceedingly prolific*, bearing two or three good ears to the stalk. Pkt., 10c.; qt., 20c.; peck, 85c.; bush., \$3.00.

**THE GUARANTEE.** This variety has had a great reputation for years in one of the largest market houses in Philadelphia, where it has been brought in its season by a Chester County market man. It had become known to its patrons as "**The Guarantee**," he having always, in disposing of it, guaranteed it to be the **sweetest** in the whole market. We have seen his supply of this corn sold out before 8 o'clock in the morning, long before the market was half over, notwithstanding the fact that his price was always 10c. per dozen above his competitors. It grows a fair-sized, handsome white ear, coming in second early or intermediate, and producing three to four ears on each stalk. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.





PHOTOGRAPH OF AN AVERAGE EAR OF COUNTRY GENTLEMAN SWEET CORN.

**THE HONEY.** Originated with a German market gardener, near Allentown, Pa., who had the reputation of bringing the finest and sweetest corn to that market. In growth and appearance it is unlike any other variety, the husks and stalks being of a deep red color during growth, while the corn itself is of a beautiful cream white, much shrivelled when dry, with deep grain and small cob. It is also a most productive variety, bearing three to four good, large ears on a stalk, growing vigorously, and coming in very early. Pkt., 5c; pint, 10c; qt., 20c; peck, 9 c.; bush., \$3.25.

**CLARK'S NONESUCH.** Mr. C. S. Clark, the originator, writes of this new sweet corn as follows: "I have been growing sweet corn very largely for the trade for fourteen years, and have never introduced a new sort until this one now. This (Clark's Nonesuch) I can recommend as the best out of over eighty sorts which I now grow. It is sure to please because of its good-sized ear, strong growing qualities, and heavy yield. I will guarantee every cob to be pink in color, with white grain of good size, tinted with pink at cob end. From a large crop grown for seed this season not one ear showed a sign of glaze or flint, therefore it must be sweet and tender. It is twelve to fourteen rowed, comes in after Moore's Concord, with larger ears."

In critical tests of this variety on our trial grounds, we find Mr. Clark's strong claims fully substantiated. Pkt., 5c, pint, 10c; qt., 20c; peck, 85c; bush., \$3.00.

**SHAKER'S EARLY.** A new variety of excellent quality, ripening with the Early Minnesota, but with larger ears; produces two or three large ears with each stalk. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**SQUANTUM, or POTTER'S EXCELSIOR.** An excellent variety of the finest quality for table use and market; ripens early, with fine, large ears and deep grain. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**CROSBY'S EXTRA EARLY.** An early market variety; very productive, ears rather short, and rich, sugary flavor. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**EARLY MAMMOTH, or ASYLUM.** Ripens about two weeks earlier than Late Mammoth; ears somewhat smaller, but of good market size. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**ROSLYN HYBRID.** A medium early variety, with large, fine ears, and in quality equal to Stowell's Evergreen. Much prized by canners and fine for market. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.75.

**OLD COLONY.** A very sweet and wonderful productive variety, averaging three ears on every stalk. The ears are of large size and well filled out. It ripens extra early. Its distinctive value lies, however, in its fine, sugary flavor. Pint, 10c; qt., 20c; peck, 85c; bush., \$3.00.

**Early Large Eight-Rowed.** A fine early sort; the ears are of large size and have but eight rows; delicious quality. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**HICKOX IMPROVED.** An excellent second early, very sweet and productive, excellent for canning. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**Sweet Corn—Late Varieties.**

Large pkt., 10c; ears, 15c., post-paid.

**NEW ZIG-ZAG EVERGREEN.** See Novelties, page 7. Pkt., 10c; pint, 20c; qt., 40c.

**SHOE PEG SWEET.** This very excellent new and distinct variety originated at Bordentown, N. J. The stalks are of medium height, without suckers, joints short, and sometimes yield as many as five ears, well filled out. The kernel is small, very long, white and exceedingly tender, sweet and of a rich, juicy flavor, not equalled by any other sort, except the new *Country Gentleman*. Pkt., 5c; pint, 10c; qt., 20c; peck, 85c; bush., \$3.00.

**LATE MAMMOTH.** The largest of all varieties; ears very large, productive, flavor rich and sweet; a fine market variety. Pint, 10c; qt., 20c; peck, 80c; bush., \$2.50.

**EGYPTIAN, or WASHINGTON MARKET.** A large variety, somewhat resembling the Evergreen; flavor peculiarly rich and sweet, and superior quality; fine for market. Pint, 10c; qt., 20c; peck, 75c; bush., \$2.50.

**COUNTRY GENTLEMAN.**

The **Shoe Peg Corn**, introduced by us some years since, has become very popular and well known. The **Country Gentleman**, which was originated for the express purpose of excelling the **Shoe Peg**, possesses all its superior qualities, viz.: the deepest grain, smallest cob, and richest flavor of all sweet corns, and resembles **Shoe Peg** in every other respect except that the ears are nearly twice as large, as shown in the photograph above, which is of an average ear, eight inches in length. Notwithstanding the greater size of the ear, it is fully as productive, producing three to four good ears to the stalk. We recommend it as the best sweet corn now before the public for the private garden. Pkt., 5c; pint, 20c; qt., 40c., post-paid. Qt., 25c.; peck, \$1.00, bush., \$3.00, by freight or express.

**Fodder Sweet Corn.** For soiling and green fodder. Bush., \$1.50; 5 bush. and over, \$1.40 per bush.

**ORIGINAL STOWELL'S EVERGREEN.**

A large part of the sugar corn sold as **Stowell's Evergreen** is not the true stock. We have seen what purported to be **Stowell's Evergreen**, growing on six different farms, and there were no two of these crops the same corn, and not one of them the true **Evergreen** as originated by Mr. **Stowell** and sold by him in Philadelphia markets over twenty years ago. We are satisfied that a majority of farmers and truckers who have for many years grown what was called **Stowell's Evergreen** have really never had that variety in its original purity. The stock we offer has been grown and carefully selected each season from seed originally purchased from the originator, and notwithstanding there have been scores of new varieties introduced since, there is to-day no late sweet corn which can compete with the true **Stowell's Evergreen** for either market, family use or canning. Pint, 10c; qt., 20c.; peck, 60c; bush., \$2.25. Special prices by letter for larger quantities.

**OTHER STANDARD VARIETIES OF SWEET CORN.**

We can also supply the following standard varieties of Corn, which are too well known to need description, at the uniform price of 20c. per pint; 35c. per qt., post-paid; 20c. per qt.; 80c. per peck; \$2.75 per bush., by freight or express: **EARLY MINNESOTA, MARBLEHEAD, ADAMS' EXTRA EARLY, PERRY'S HYBRID, MOORE'S CONCORD, EARLY TRIUMPH, NE PLUS ULTRA or LITTLE GEM, BLACK MEXICAN.**

**POP CORN FOR THE BOYS.**

**QUEEN'S GOLDEN POP CORN.** This new sort is one of the best of all for popping, owing to its large size, extreme tenderness and pure white color when popped. It grows about six feet in height, and bears three to four good ears to a stalk. Ear, 10c; 4 ears, 25c.; shelled, per pkt., 10c.; pint, 20c.; qt., 40c., post-paid; lb., 15c.; 2 lbs., 25c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by express.

**MAPLEDALE PROLIFIC POP CORN.** The most productive pop corn, averaging eight to twelve good ears to the stalk. It grows five and a half to six feet high, with ears of uniformly large size; grain pearly white, pops to a large size, and very tender. Ear, 15c.; large pkt., shelled, 10c.; pint, 25c.; qt., 45c., post-paid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

**WHITE RICE POP CORN.** A splendid variety for popping purposes; grains sharply pointed. Ear, 10c; pkt., 10c.; pint, 20c.; qt., 35c., post-paid; lb., 15c.; 10 lbs., \$1.00; 25 lbs., \$2.00; 50 lbs. and over, 6c. per lb., by freight or express.

**SILVER LACE POP CORN. Pearl Pop Corn.** (Small Grain.) **Eight-Rowed Pop Corn.** (Large Grain.) Each, pkt., 10c.; pint, 20c; qt., 35c., post-paid; by freight or express: lb., 10c.; 3 lbs., 25c.; 3 lbs., \$1.75; 100 lbs. and over, 5c. per lb. Special prices for larger lots.



**EVERGREEN EARLY WHITE SPINE CUCUMBER.**

To those who have never grown this valuable variety we would state that it differs from the ordinary White Spine in holding its deep green color much longer, both before and after being taken from the vines. It is also earlier and more productive. The fruit is of good size, straight, well-formed and full at both ends. **Tender, Crisp and best for Slicing.** As a shipping and market variety it is superior, its fine appearance always insuring "top notch" market price. There is no better sort for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



**Northern Grown from Carefully Selected Seed Stocks.**

One ounce will plant about fifty hills; two pounds will plant one acre.

**NEW ESKIMOSO.** The earliest cucumber. (See Novelties, page 5.) Pkt., 15c; oz., 75c.

**JERSEY EXTRA EARLY PROLIFIC PICKLE.** This splendid variety was originated by a prominent New Jersey Grower, in the celebrated pickle district on the Delaware River, about twenty-five miles above Philadelphia, where more pickles are grown than in any other section of the United States, over one hundred and fifty thousand bushels being picked and annually put up for commercial pickles in this section. It is ten days earlier than the old Long Green or Jersey Pickle, and more productive. Growers of thirty years' experience say it is "a perfect pickler in all respects." Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 80c; 5 lbs. and over, 75c per lb., by express.

**NEW EVERBEARING or SIBERIAN.** This variety is entirely new and unique, and will prove valuable both for the table and for pickling. It is of small size, *very early, enormously productive*, and extremely valuable as a green pickler. The peculiar merit of this new cucumber is that the vines continue to **flower** and produce fruit until killed by frost, *whether the ripe cucumbers are picked off or not*—in which respect it differs from all other sorts in cultivation. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

**THORBURN'S COMMERCIAL PICKLE.** A new and valuable sort of the White Spine type, retaining its dark green color for a long time after pickling. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**WESTERFIELD'S CHICAGO PICKLE.** In recent years Chicago has become the centre of a very large pickling industry. This variety, originated by Mr. Westerfield, a gentleman largely interested in the business, is preferred for pickling by almost every large pickling factory in that city, and for commercial pickles it is one of the best. We offer the best selected seed of this variety; none better at any price. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**IMPROVED LONG GREEN (Jersey Pickle).** A standard pickling variety; dark green, tender, crisp, productive, of fine flavor and uniform size. We supply each season hundreds of the most critical Jersey market gardeners and pickle growers with our superior strain. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c; 5 lbs., \$3.00, by express.

**NICHOLS' MEDIUM GREEN.** In length medium between the White Spine and Long Green; very thick through and full at both ends, presenting a beautiful type; skin of a light green color and very smooth; the vines are very hardy and productive; they are excellent for slicing or pickling. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**COOL AND CRISP (New).** In shape this new cucumber is one of the most desirable for pickles. Until they reach their full size they are of a very dark green color, almost "black," and of very attractive appearance. While primarily a pickling variety, it is also useful for slicing. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**NEW GIANT OF PERA.** This variety was brought here from Turkey by Dr. Harris, of Philadelphia. They are of the most delicious flavor; no other cucumber we have ever eaten surpasses them. Another remarkable quality is that they are very crisp and tender at all stages, and can be eaten at any time during growth. They grow to an enormous size, frequently to one and a half feet in length and ten to eleven inches in circumference; very smooth and straight, with a beautiful green skin. The fruit sets near the hill and grows close together, making them exceedingly prolific. The seed cavity is very small, and the seeds are slow to form and few in number. We offer extra selected seed of our own growing. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**LIVINGSTON'S EVERGREEN.** This variety, recently introduced, should not be confounded with the popular Evergreen White Spine. It resembles closely the Improved Long Green, or Jersey Pickle, and is therefore a valuable pickling variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**NEW WHITE PEARL.** The best white cucumber yet introduced, maturing early and bearing continuously through the season. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**NEW JAPANESE CLIMBING CUCUMBER.** The vines are extra strong and foliage much more vigorous than other kinds; being a climbing sort, can be grown on trellises, fences, etc., saving valuable space in small gardens. It is very prolific, from forty to sixty cucumbers having been counted on single plants; fruit cylindrical, about ten inches long, thick, and of fine flavor. Pkt., 10c; oz., 25c.

**WEST INDIA GHERKIN, or BURR.** Also known as the *Jerusalem Pickle*. A very small oval, prickly variety, quite distinct from all others. It is grown exclusively for pickling; it is the smallest and best of all for small pickles, and should always be picked when young and tender. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.10.

**SERPENT, or SNAKE CUCUMBER.** A great curiosity, growing six feet long, and coiled like a snake, with the head protruding. The Chinese consider this variety a great delicacy, either raw or boiled. Pkt., 10c; 3 pkts., 25c.

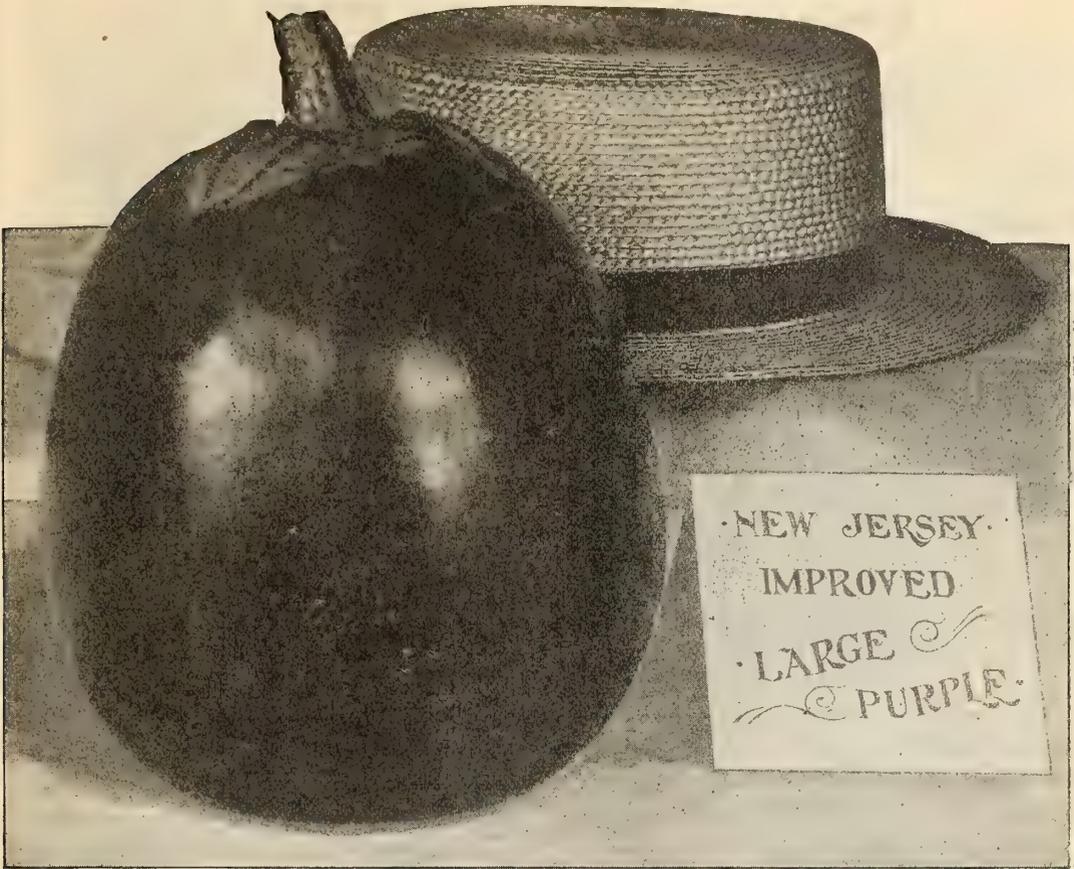
**FOUR WELL-KNOWN CUCUMBERS.**

Large Packets, 5c. Each.	Per oz.	¼ lb.	lb.
Early Russian,	\$0	10	\$0 20 \$0 70
Early Frame, or Short Green,	10	20	60
Green Prolific, or Boston Pickling,	10	20	60
Peerless, or Improved White Spine,	10	20	60

**Cucumbers—English Frame.**  
 Carter's Champion, Blue Gown, Telegraph, Giant of Arnstadt, and other good sorts. Each, per pkt., 25c.



JAPANESE CLIMBING CUCUMBER.



**NEW JERSEY IMPROVED LARGE PURPLE SMOOTH STEM EGG-PLANT.**

This superior strain is a decided improvement on the New York Large Purple, in quality, size and great beauty. The plants are large and vigorous, leaves of a light-green shade, stem smooth, fruit early, very large, oval and of a fine deep purple—never red nor yellow. Market and private gardeners will find this variety the very best in cultivation. Pkt., 15c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

**Chervil.**

This plant has a fine flavor and perfume, and is used for flavoring soups, etc., and in salads.

**Curled.** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Chicory.**

**Large Rooted.** Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**Chives.**

Chives are very hardy and perennial members of the onion family. They are grown exclusively for their tops, which are used wherever the flavor of onion is wanted. Planted in clumps in any garden soil, they grow readily; and increase so as to render a division necessary. The tops appear very early in spring, and can be cut throughout the season. They should have a place in every garden. Roots per bunch, 25c.

**Corn Salad or Veticost.**

One ounce will sow about eighteen square feet, and six pounds will sow one acre.

**BROAD LEAVED (LARGE SEEDED).** The best variety for family use and market purposes and deserving of more widespread cultivation. It makes a delicious small salad, used during the winter and spring months as a substitute for lettuce, and is also cooked and used like spinach. Sow in spring in drills one foot apart. It will mature in six weeks. For early spring use sow in September, thickly, in drills ½ inch deep. Tread the ground if dry weather. Protect with litter when cold weather comes, and winter over like spinach. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs. and over, 45c. per lb., by express.

**Collards—(Colewort).**

Collards are largely used as "greens" in some parts of the country. They are a form of the cabbage, bearing new leaves as the old ones are pulled off. They are a sure and abundant crop, and should be more extensively grown.

**True Georgia, or Southern.** Pkt., 5c.; oz., 10c.; ¼ lb., 40c.; lb., \$1.25.

**Cress.**



**WATER CRESS.** well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

One ounce will sow about fifteen square feet.

**NEW UPLAND CRESS.** A perennial, grown same as spinach, but exactly resembles water cress in flavor. Pkt., 10c.; 3 pkts., 25c.

**Extra Curled. (Pepper Grass.)** Fine flavor and can be cut several times. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**TRUE WATER CRESS.** A well-known aquatic plant, with oval leaves, making a delicious and appetizing salad. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

**Dandelion.**

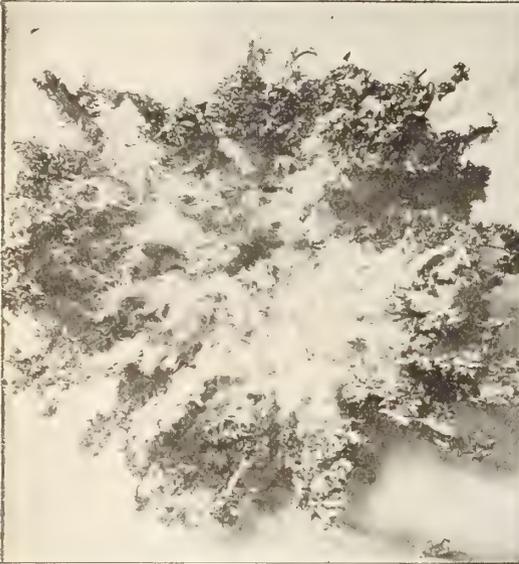
**Improved Large Leaved.** A very early and healthful spring salad. Sow early in the spring in drills eighteen inches apart, and thin out to six inches in the drills. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50; lb., \$5.00.

**Egg-Plant.**

One ounce will produce about one thousand plants.  
**NEW YORK IMPROVED LARGE PURPLE SPINELESS.** A leading and popular market variety, grown extensively in sections where the New Jersey Improved has not been introduced; large, round, dark fruits; excellent and productive. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

## Endive.

This plant makes a tender and delicious autumn salad. It is planted in June or July, and when nearly full grown, the outer leaves are tied together in order to bleach the centre. One ounce will sow fifteen feet of drill and will produce about three thousand plants.



MAMMOTH GREEN CURLED—THE BEES ENDIVE.

**NEW MAMMOTH GREEN CURLED.** (See Photograph.) This beautiful and valuable variety is much superior to the old Green Curled, and grows to full twenty inches in diameter. The leaves are very crisp, tufty and full in every stage of growth. The mid-rib is pure white, thick, fleshy and tender. It is equally suitable for spring, summer or autumn planting. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

**EVER WHITE CURLED.** A beautiful variety; mid-rib yellow. Leaves almost white, large size, crisp and tender. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**NEW LONG-STANDING WINTER.** A valuable new and distinct variety, growing about as large as the Mammoth Green Curled, but more upright in growth and self-bleaching to a remarkable extent, assuming beautiful cream-white in the centre and blending off to a beautiful pale green. It is extremely hardy and will stand longer and keep better than any other sort. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Green Curled.** The well-known old sort; dark green curled leaves. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

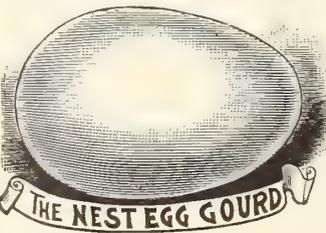
## Fennel.

**FLORENCE CELERY, Rooted.** A novelty from Italy, where, owing to its delightful sweet flavor, it is much preferred to celery. It thrives remarkably well in our climate. Seed can be sown early in spring and cultivated same as parsley, except that the thickened part of the root should be covered with soil a short time before completing the growth. Pkt., 10c.; 3 pkts., 25c.; oz., 75c.

## Garlic.

This is extensively used for flavoring soups, stews, etc. The sets or small bulbs should be planted early in spring, in rows one foot apart, and three to five inches apart in the rows. Cultivate like onions. In August the crop is ready to gather, and is kept in the same manner as onions. Sets, per  $\frac{1}{2}$  lb., 20c.; lb., 35c., post-paid; 10 lbs. and over, 20c. per lb., not prepaid.

**JAPANESE NEST EGG.** These exactly resemble the eggs of hens, making a capital nest egg; superior to glass eggs, as they do not break and are uninjured by cold or wet. The plant is a rapid growing climber. Pkt., 10c.; 3 pkts., 25c.; oz., 40c.; 2 ozs., 75c.



**LUFFA, or DISHCLOTH.** This remarkable and handsome climber is a native of the East Indies. In its nature has furnished us with a vegetable dishcloth, the seeds being enveloped in a sponge-like cloth, tough, elastic and durable. The fruit grows about two feet in length. The vine grows to a height of twenty to twenty-five feet in a season, producing clusters of large yellow blossoms. Many ladies prefer this dishcloth to anything that can be made. For the bath, and for all uses of the toilet in general, the "Dish Rag Gourd" is taking the place of the sponge. It is, in fact, a sponge, a soft brush and a bath glove combined, and is quite often made into summer bonnets. The fibre wears away almost imperceptibly, and as long as any part is left they are as good as new. Even with daily use they will last for years. The dried interiors of these gourds have become an article of commerce; they are sold in Philadelphia and New York, while in England their sale and use are quite general. Pkt., 10c.; 3 pkts., 25c.; oz., 50c.

**DIPPER.** Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles six to twelve inches long. They are convenient for dipping hot liquids, etc. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.; lb., \$2.40.

**SUGAR TROUGH.** Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from two to ten gallons each. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 70c.; lb., \$2.40.

**FINE MIXED.** A collection of the most ornamental, including all the above. Pkt., 15c.; 2 pkts., 25c.; 5 pkts., 50c.

## Horse Radish.

Horse radish is grown from young roots or sets which should be planted out in the spring. They will form a large-sized radish fit for use in one season's growth. Roots, per dozen, 20c.; per 100, 75c., post-paid (50c. per 100; \$3.00 per 1000, by express). Write for special prices in large lots.

## Kohl-Rabi—Turnip-Rooted Cabbage.

This is a favorite vegetable in Europe, where it is extensively grown for feeding cattle, as well as for table use. One ounce will sow one hundred and fifty feet of drill.

**EARLY WHITE VIENNA.** Flesh tender and white. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Early Purple Vienna.** A little later than the white, color bluish-purple. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.10.

**NEW SMOOTH WHITE.** Very Short-Leaved. Extra fine for market and table use, the best Kohl-Rabi, much superior to Vienna. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**NEW SMOOTH PURPLE.** Very Short-Leaved. Extra fine purple. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

## Kale—Borecole.

One ounce will produce about two thousand plants.

**JOHNSON & STOKES' NEW IMPERIAL, or LONG STANDING.** A beautifully curled and crimped sort, selected by a Philadelphia market gardener. Of strong, vigorous habit, perfectly hardy, bright green color, and very attractive in appearance. It is superior to all other sorts, and will stand longer without shooting to seed than any other variety. Height, about two feet. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**EXTRA DWARF GREEN CURLED SCOTCH KALE.** This is one of the best kales for spring sowing in the North, and is the principal sort grown in the South for Northern markets. It is hardy, and will remain over winter in any place where the temperature does not go below zero. The habit is very dwarf and spreading, and will rarely exceed eighteen inches in height. The leaves are of a bright green color, beautifully curled, and produced in great abundance. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**GREEN CURLED SCOTCH.** Philadelphia Stock. A favorite with Northern market gardeners; growing about two feet in height and harder than the Extra Dwarf Green Curled Scotch, being improved by frost; leaves green and beautifully curled and wrinkled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

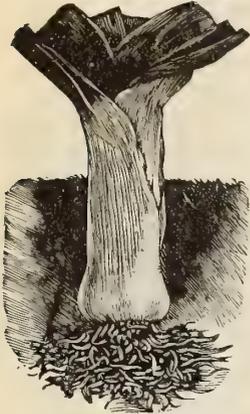
**SIBERIAN CURLED.** This variety grows a little larger and coarser than the preceding; the leaves are not so deeply curled and are of a bluish-green color; very hardy. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**CURLED MOSBACH.** A particularly fine strain; leaves bent upward, light green, double curled, white narrow ribs and veins—very showy, resembling a fine curled parsley. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.60.

**SEA KALE.** Grown for its blanched shoots; cooked like Asparagus. Sow early in the spring, in rows two feet apart; thin out to stand six inches in the rows; before winter, cover with leaves; the next spring transplant in hills three feet apart. Pkt., 10c.; oz., 25c.; lb., \$2.50.

## Leek.

One ounce will sow one hundred feet of drill, and produce about one thousand plants.



NEW GIANT ITALIAN.

### NEW GIANT ITALIAN.

This new leek from Italy is fully twice the size of the ordinary London Leek, and much handsomer in appearance. Like the Italian onions, it is very mild and agreeable in flavor; extremely hardy and a fine keeper. All who have grown it were astonished at its large size and fine white appearance. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.10.

### LARGE AMERICAN FLAG.

Previous to our introduction of the Giant Italian, this was the favorite variety with gardeners. Very fine and large. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

### CARENTAN, or SCOTCH CHAMPION.

An extra large variety from Scotland, growing rapidly and very hardy. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**London Flag.** Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

## Lettuce.

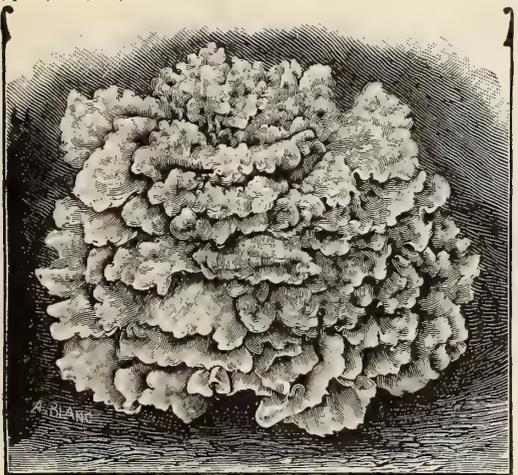
One ounce will sow about one hundred square feet and produce three thousand plants.

**NEW No. 66, or TREASURE LETTUCE.** Offered last season for the first time. (See Novelties, Page 8.) Pkt., 15c.; oz., 30c.; ¼ lb., 85c.; lb., \$3.00.

**NEW SENSATION LETTUCE.** The best variety yet introduced for all seasons and purposes, but the shyest seeding variety we have ever grown. (See Specialties, page 8.) Pkt., 15c.; oz., 45c.; ¼ lb., \$1.50; lb., \$5.00.

**JOHNSON & STOKES' NEW HOT-HOUSE.** This new lettuce cannot fail to produce admirable results and please the most critical grower. It grows very rapidly to nearly double the size of the Tennis Ball, a sure header and never rots in the earth like some. Every gardener who grows lettuce in greenhouses or hot-beds should give it a trial. Pkt., 10c.; oz., 40c.; ¼ lb., \$1.25; lb., \$4.00.

**NEW GOLDEN QUEEN.** A splendid new forcing lettuce, of golden yellow color, of very dwarf, compact growth, with few loose outer leaves, enabling it to be planted very close. The quality is very similar to the Boston Market, or Tennis Ball, but distinct in appearance. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.



GRAND RAPIDS LETTUCE.

**GRAND RAPIDS.** This variety originated at Grand Rapids, Mich., where it is largely grown for shipment to distant points, and is considered by many the best loose-headed lettuce for forcing under glass. Leaves medium size, of light, yellowish green color, much crimped and frilled, thin, but of very upright growth; crisp, tender and of good quality. Owing to its upright habit it may be planted very closely. It is of extremely rapid growth; very little liable to rot; will stand without spoiling a week to ten days after it is fit to cut, and retains its freshness a long time after cutting. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.20.



REICHNER'S EARLY WHITE BUTTER LETTUCE.

**REICHNER'S EARLY WHITE BUTTER, OR RIDGE LETTUCE.** This very excellent new variety is the result of several years' selection from the Philadelphia Early White Cabbage, made by the Reichners, who are among the best market gardeners around Philadelphia. It is one of the best forcing lettuces, as well as one of the best for sowing in open ground, and for planting on ridges, being entirely hardy and almost frost- and weather-proof. Produces fine, large, white, solid heads of superb quality. Pkt., 5c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.25; 2 lbs., \$4.00.

**BIG BOSTON.** This variety resembles the well-known Boston Market, but produces heads about double the size, and matures a week later. A valuable sort for open ground or forcing. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

**ARLINGTON TENNIS BALL.** This strain of white-seeded Tennis Ball is saved by one of the most successful market gardeners in Arlington, Mass., where the Tennis Ball Lettuce originated. The seed is saved from plants started under glass, by which means the valuable forcing qualities are better retained than from plants started outside, and from selected heads only. It is in every respect the same as the originator used for stock and which other gardeners have heretofore been glad to get, paying \$1.00 per ounce for it. We highly recommend this special strain, knowing that nothing finer in a forcing lettuce can be obtained. Pkt., 10c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.25.

**BLACK SEEDED SIMPSON.** In Chicago and other Western cities this is the most popular and best selling lettuce grown. It differs from Early Curled Simpson in being much lighter in color, the leaves nearly white and attaining almost double the size of that variety. It also stands the summer heat splendidly when grown outside. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75; 2 lbs., \$3.00.

**SILVER BALL.** A handsome variety, head of silvery white, very solid and firm, of exquisite flavor. A splendid variety for winter forcing, also for early spring and summer use, coming early and standing a long time before running to seed. It is one of the best all-the-year-round lettuces we know of. We offer an extra selected strain, pronounced by market and private gardeners who have had it, superior to any they can get. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

**JOHNSON & STOKES' CHAMPION SPRING and SUMMER.** This new lettuce was offered for the first time five years since, and from the number of favorable reports and its wonderful popularity, has certainly proved a boon to every gardener who planted it. It is certainly one of the most valuable and distinct varieties in existence. It is a beautiful bright golden color, and is not only one of the best lettuces for early spring planting, forming good solid heads before half grown, but alike valuable for growing during the hottest summer months, being one of the slowest to shoot to seed. The heads are so solid that they generally have to be cut before any seed stalk can make its appearance. Pkt., 10c.; oz., 35c.; ¼ lb., 90c.; lb., \$3.25; 2 lbs., \$6.00.

**NEW WHITE RUSSIAN SUMMER.** This is pre-eminently one of the best sorts to withstand our long, hot summer. The heads generally have to be cut before any seed-stalk will appear. It is not a forcing variety, but one of the best for open ground crops, both North and South. Of very rapid growth, with few outer leaves; in color it is a light apple green, yellowish-white inside, and forms a very large, solid head of the finest quality for market and shipping. All who have planted it are enthusiastic in its praise. This lettuce is so distinct that a casual observer could readily discover a single head in an acre of any other sort. Pkt., 10c.; oz., 35c.; ¼ lb., 90c.; lb., \$3.25; 2 lbs., \$6.00.



TILTON'S WHITE STAR LETTUCE.

**TILTON'S WHITE STAR.** A new and very distinct sort of the Black Seeded Simpson type, but grows larger and more rapidly; has a broader, thicker and rather darker-colored leaf; forms a larger, more distinct and more solid central cluster of leaves, making almost a head; blanches perfectly and is of excellent quality. The plants remain long in condition for use before running to seed, and, owing to the thick leaf, keep long after cutting without wilting. Repeated trials, both for forcing and early planting out-doors, convince us that this is a decided acquisition and improvement over other varieties of this class of lettuces for either purpose. Pkt., 10c.; oz., 20c.; ¼ lb., 45c.; lb., \$1.60.

**NEW ICEBERG.** A handsome new cabbage lettuce. The large, curly leaves which cover the outside of the solid heads are of a bright light green, with a very slight reddish tinge at the edges; they have small indents, which hold the dewdrops, and they are thus kept fresh and show a remarkably crystalline appearance, which well warrants the name of Iceberg. Pkt., 5c.; oz., 10c.; ¼ lb., 40c.; lb., \$1.50.

**PHILADELPHIA DUTCH BUTTER SPECKLED.** Producing large heads of excellent quality; one of the best for the market gardener; stands heat well and slow to run to seed. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.60.

**HORNBERGER'S DUTCH BUTTER.** This fine variety is a greatly improved strain of the Dutch Speckled Butter, made by a well-known Philadelphia market gardener, highly prized for early spring and autumn sowing, producing crisp, white, solid heads, almost equal to a cabbage; the outer leaves are speckled with a brownish tinge. It is an elegant forcing variety, or for growing in cold frames, and stands heat and cold to a remarkable degree. Pkt., 5c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.25.

**SALAMANDER.** An excellent summer variety withstanding drought and heat to a remarkable extent; forms good-sized compact heads; light green outside; white within. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

**NEW YORK.** A very large green lettuce, with solid heads, often weighing three to four pounds each. Not suited for forcing, but excellent for summer use, being slow to shoot to seed. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40.

**AMERICAN VARIETIES MIXED.** Fifteen kinds mixed in one packet. Early, medium and late sorts, giving lettuce for table use the entire season. Pkt., 10c.; oz., 20c.

**THE TRIANON COS, or CELERY LETTUCE.**



NEW TRIANON COS LETTUCE.

trial. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

This new variety from France is by far the best **Cos Lettuce** we have ever grown, and we can recommend it as the very finest of its class. The leaves when bleached are stiff like celery stalks and can be eaten in the same manner. In many countries of Europe where known, this lettuce is preferred to celery. You will be amply repaid by giving this new sort a

**17 WELL-KNOWN LETTUCES.**

Large Packets, 5c. Each.

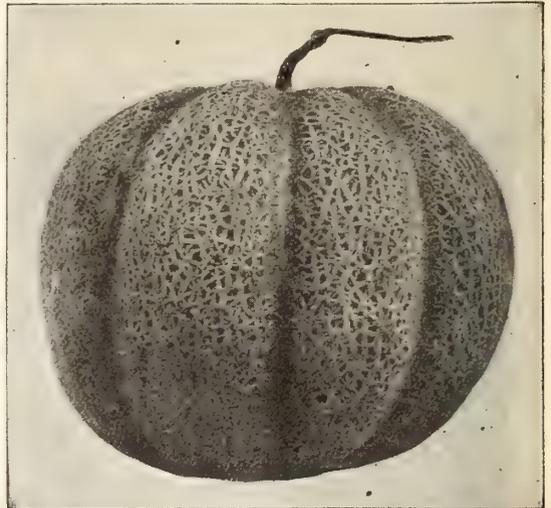
	Per oz.	¼ lb.	lb.
Tennis Ball, or Boston Market, . . . . .	\$0 10	\$0 30	\$1 00
Black Seed Tennis Ball, . . . . .	15	35	1 20
Philadelphia Early White Cabbage, . . . . .	10	30	1 15
Improved Hanson, . . . . .	10	30	1 15
California All-Heart, . . . . .	20	60	2 25
Denver Market, . . . . .	15	35	1 25
Blonde Blockhead, or Sunset, . . . . .	15	40	1 35
California Cream Butter, . . . . .	15	40	1 35
Perpetual, or Improved Simpson, . . . . .	15	40	1 35
Tomhannock, . . . . .	10	30	1 00
Victor Dutch Butter, . . . . .	20	50	1 75
Curled Silesian, . . . . .	10	30	1 00
Chartier Pink, . . . . .	15	35	1 25
Yellow Seed Butter, . . . . .	15	40	1 35
Large Passion, . . . . .	15	40	1 35
Oak Leaved, . . . . .	15	40	1 35
Deacon, . . . . .	15	40	1 35

**High-Bred Melon Seed**

We grow our Melon Seed almost exclusively on our own farms and those of our private growers in New Jersey, a State famous for producing the finest melons in the world. We are to-day the largest growers of melon seeds in the United States, our annual production amounting to many tons. During past years we have annually supplied them, not only in the United States, but to customers in nearly every country in Europe, Africa, South America, Mexico and West Indies. We also supply, every season, over our counter, hundreds of New Jersey truck gardeners with our superior strains. We attribute the popularity of our melon, as well as of other seeds, to our careful selection of the very finest specimens of our seed stocks, thus improving and breeding up our stocks to the highest state of perfection. As will be noted in the following descriptions, several of the best and most popular melons now known were first introduced by us.

**Muskmelons or Cantaloupes.**

One ounce will plant about seventy hills; three pounds will plant one acre.



PHOTOGRAPH OF THE NEW EARLY HACKENSACK.

**NEW EARLY HACKENSACK.** (See Photograph.) This valuable variety is ready for market fully ten days ahead of the well-known Hackensack, its progenitor, which it much resembles. The melons are almost equal in size to the old Hackensack, weighing from five to ten pounds each. It is very productive, averaging five to six melons on the vine, all very deeply netted. Its carrying and shipping qualities are equal to those of any known variety, and it is fast becoming popular in the South, where it is grown for shipment to Northern markets. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.; 5 lbs. and over, 50c. per lb.



NEW GREEN-FLESHED OSAGE MELON.

**GREEN-FLESHED OSAGE.** This splendid new and distinct muskmelon represents several years' selection made by Chauncey P. Coy, one of the most experienced growers of melons in the world. With his thorough knowledge of all varieties, the originator says: "It is superior in all respects to any other green-fleshed melon now known." This strong claim has been fully verified by hundreds of our customers who have grown it the past two seasons, and proclaim it "the king of all the green-fleshed sorts." It is very hardy and prolific, in size and shape like the Red-Fleshed Osage, but much more handsomely netted and colored on the outside skin, while its flesh is a beautiful pea-green and of most delicious quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**MILLER CREAM, or RED-FLESHED OSAGE.** No variety of muskmelon has become so widely known in such a short time as the **Osage, or Miller Cream**, as it is called in some sections. In the Chicago and other Western markets it is now the favorite sort. It is also well known by commission men and the general public, being offered on the hotel and restaurant bills of fare by its own name—"OSAGE." It grows to a medium size, and is egg or globe-shaped. The skin is very thin, of dark green color, and well netted. The flesh is of a salmon pink color, remarkably sweet and spicy in flavor, extremely thick and delicious to the rind. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 65c.; 5 lbs. and over, 60c. per lb.

**THE CAPTAIN.** The earliest green fleshed melon now offered for the first time. See Novelties, page 9. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**LONE STAR.** A magnificent new melon from Texas. See photograph in colors on back of this book, also page 10. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**GRAND RAPIDS.** A new, extra early, red-fleshed melon. See Novelties, page 9. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.40.

**JERSEY BELLE.** One of the earliest and best muskmelons for light and sandy soils. See photograph and description under Novelties, page 9. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**LIVINGSTON'S TIP-TOP NUTMEG.** A new and very distinct variety, first discovered in a large field in Lancaster County, Pa. In quality it is one of the best of the yellow-fleshed sorts. It grows to good size, and its handsome appearance is very captivating, either on the table or market stall. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**LONG ISLAND BEAUTY.** A splendid new variety of the Hackensack type, originated on Long Island. It is of very superior quality, with green flesh, and densely netted. In shape it resembles the Hackensack, but is slightly more ribbed; a decidedly attractive-looking melon. Besides being most beautiful, it is also very early. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

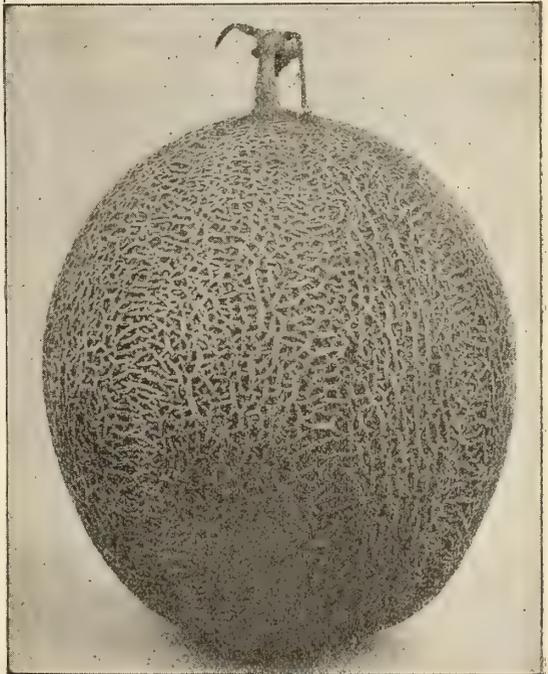
**EXTRA EARLY PRIZE.** A carefully selected and improved strain, prized for its great earliness, being the first to ripen. When grown on good ground it is very thickly and beautifully netted. Rather small in size, flattened on the ends and of excellent flavor and quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 5 lbs. and over, 70c. per lb.

**GOLDEN GEM (Netted Gem, or Golden Jenny).** This valuable cantaloupe, first introduced by us, is admitted by prominent melon growers to be one of the very best grown. They grow very uniform in shape and size, weighing about two pounds each, skin green and thickly netted. They are very thick-meat, flesh of a light green color, the inside surface, when cut open, being of a beautiful golden color. In quality and flavor they are superior, being uniformly rich, sugary and luscious. They are extra early, ripening a week after our **Jersey Belle** and **Extra Early Prize**. The vines keep green longer and produce better than any variety we have ever known. They sell in markets, where known, right alongside of other varieties, at double price. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 55c.; 5 lbs. and over, by express, 50c. per lb.

**PERFECTED DELMONICO.** Another new melon, being an improvement on the popular Delmonico, of large size and oval in shape. The flesh is of a beautiful orange pink, and for excellence in quality all lovers of good cantaloupes should try the new Perfected Delmonico. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

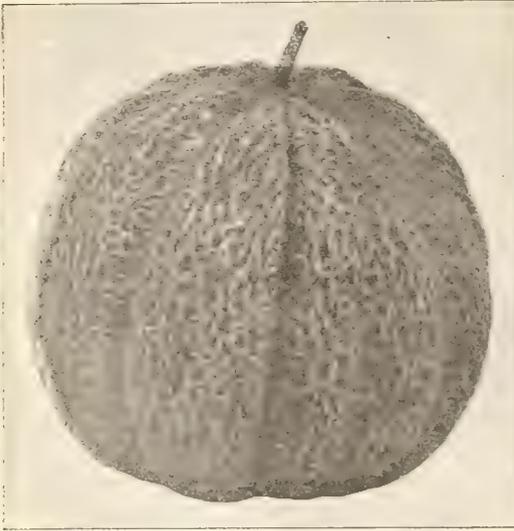
**NEW MELROSE.** A very hardy new variety, of oval shape and dark green color. It is densely netted, without ribs, and its beautiful green flesh is of very superior quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**CHAMPION MARKET, or STARN'S FAVORITE.** This new muskmelon is quite distinct from all other varieties. The melons are almost a perfect globe in shape and densely netted. They are very uniform in size, averaging about six pounds each. The flesh is thick, light green in color, and of rich, sweet flavor. Six melons will fill a market basket. The vines are very vigorous, remarkably healthy, and very productive. The melons mature early, and all ripen up finely. It is an excellent shipper and a most popular variety for market. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 65c.; 5 lbs. and over, 60c. per lb.



PHOTOGRAPH OF A NETTED BEAUTY.

**NETTED BEAUTY.** This new variety, first named and introduced by us, has met with large sale, and many leading melon growers have realized handsomely on their crops of **Netted Beauties**, owing to their great earliness and distinct handsome appearance, as shown in the above photograph. It is very early, coming in a few days after our **Extra Early Prize** and **New Captain**, which are the earliest melons known. It is completely covered with a dense netting, and entirely free from any tendency to rib like other sorts. It is also very productive; our whole crop averaged in past seasons over ten melons to the vine, on good ground. The flesh is pale green, very thick, sweet and high flavored. Since our introduction of this variety three years since, a melon introduced under another name by a prominent firm is so similar, on our trial grounds, as to seem identical with it. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 85c.; 5 lbs., \$4.00.



PHOTOGRAPH OF OUR PRINCESS MUSKMELON.

**NEW SUPERIOR.** A beautiful new, round muskmelon, originated in New Jersey, free from ribs and densely netted. Flesh light green and of the finest quality. Our customers will find it a very superior melon for either home or market garden. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 70c.

**ACME, or BALTIMORE.** This melon is the most popular of all in Baltimore markets, where it is known as Baltimore citron. It has of late years also become prominent in Philadelphia and New York markets as Acme Cantaloupe, and in its season is much sought after by the best hotels and restaurants. It is quite early, very large and showy, pointed at the ends; strongly netted, thick, rich, green flesh. It is one of the best and most profitable varieties for shipping to distant markets. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 55c.; 5 lbs. and over, by freight or express, 50c. per lb.

**JOHNSON & STOKES' SUPERB.** This is, without question, the handsomest late melon, and the most showy of the green-fleshed sorts. In a test with forty other late green-fleshed varieties, it surpassed them all in growth, thickness of flesh, and rich, delicious flavor. It attains a very large size, and its shipping and market qualities are superior to the well-known Montreal, Hackensack and other large market melons, while in quality and fine appearance they can even compare with the "Superb." Those who want the most profitable for late market, or the best for the home garden, need seek no further. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.20; 5 lbs., \$5.00.

**THE PRINCESS.** We feel justly proud in having been the first seedsmen to offer to the public a new variety of such extraordinary value. In the past five years over two thousand melon growers have pronounced the Princess to be the finest and sweetest of all salmon or red-fleshed melons. It is quite distinct from all other varieties, and possesses so many strong points of superiority that it has speedily become the most popular variety for family and market purposes. The Princess is a chance seedling, discovered some years since by one of our customers, a large melon grower near Boston, who claims to have sold them as high as \$2.50 each, to fancy restaurants in Boston, owing to their extremely handsome appearance, wonderful weight and thick flesh when opened. Our engraving, made from nature, shows their shape, which is nearly round, with heavily netted, dark green skin; the flesh is of a rich salmon color, thicker than in any other melon, and in flavor is sweet and luscious beyond description. They ripen early and grow to good size, frequently weighing eight to ten pounds each, and always command the very highest prices in market. The vines grow vigorously and are very productive and hardy. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00; 5 lbs., \$4.25.

**THE PERSIAN MONARCH.** The fact that this grand new cantaloupe comes from Persia, the original home of the muskmelon, will of itself be sufficient recommendation to many who have never grown it, as some of our finest and oldest varieties come from the same source. The Persian Monarch is decidedly the best of all foreign muskmelons, being much the richer in quality. The flesh is much thicker and the rind thinner than in any other. They grow to medium size, with very thick, rich, salmon-colored flesh. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**EMERALD GEM.** This most excellent new muskmelon originated in Michigan. It is of superior flavor and quality; the skin is an emerald green color and quite smooth; they ripen early and produce well, being about the size of our Golden Gem; the flesh is light red or salmon, very thick, juicy and crystalline, and luscious in flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 65c.; 5 lbs., \$3.00.

**CHICAGO MARKET.** A superior variety, developed by Mr. A. Colvin, a well-known Chicago gardener. It is the most popular green-fleshed Nutmeg in Chicago, and other Western markets, and is steadily growing in favor in the East. It comes quite early for such a good-sized melon. Very uniform in size, deep green flesh of excellent quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 75c.; 5 lbs., 70c. per lb.

**GIANT OF COLORADO (New Giant).** This melon was discovered some years ago by one of our representatives while travelling in Colorado; the owner claimed that he had frequently grown them to weigh fifty pounds and over. Owing to their delicious flavor and quality, they were much sought after in Denver and other home markets. We have found these claims fully substantiated, and can honestly recommend them as the largest of all muskmelons. Several customers the past few seasons report weights of thirty pounds and upwards, and many first premiums at State and County fairs. They grow uniformly as large as good-sized watermelons. The flesh is green, melting and sugary. As an exhibition and large market variety they are unequalled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**IMPROVED MONTREAL GREEN NUTMEG.** This variety is largely grown by market gardeners. The fruit is nearly round, slightly flattened at the ends, with a densely netted green skin. They grow to a very uniform size, and average fifteen to twenty pounds in weight. The flesh is remarkably thick, and of splendid flavor. Owing to its large and handsome appearance they sell rapidly in market at good prices. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.; 5 lbs. and over, 50c. per lb.

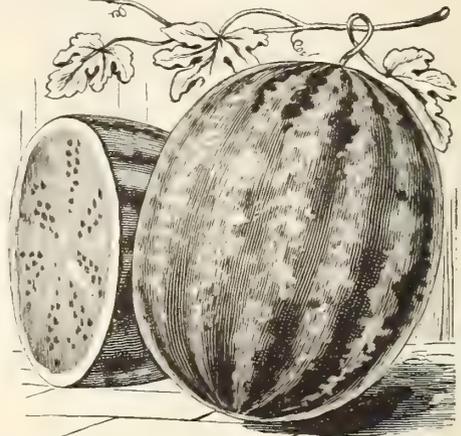
**WELL-KNOWN STANDARD SORTS.**  
Large Packets, 5c. Each.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Early Jenny Lind, . . . . .	\$0 05	\$0 15	\$0 50
Netted Pineapple, . . . . .	10	20	60
The Banquet, . . . . .	10	25	85
Ward's Nectar, . . . . .	10	25	75
Bay View, . . . . .	5	15	50
Large Hackensack, . . . . .	10	20	60
Banana Cantaloupe, . . . . .	10	30	1 00
Surprise, . . . . .	10	20	60
White Japan, . . . . .	10	20	60
Perfection, . . . . .	10	20	60
Casaba, or Persian, . . . . .	10	25	75
Silver Netted, . . . . .	5	15	50

**Melons—Watermelon.**

One ounce will plant about fifty hills, and four pounds will plant one acre.

**McIVER WONDERFUL SUGAR MELON.** See Novelties, page 10. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.



STOKES' EXTRA EARLY MELON—EARLIEST OF ALL.

**STOKES' EXTRA EARLY.** This distinct melon, first introduced by us, is, without doubt, the earliest of all. Our illustration shows their shape, which is nearly round, dark green skin, slightly mottled with white. The flesh is deep scarlet, remarkably solid, and in delicious sugary flavor is unsurpassed by any other melon. Their average weight is about fifteen pounds. The seed is very small, being only about half the size of other melon seeds. They are also much more productive than the larger sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.





**JOHNSON'S DIXIE WATERMELON.**

**N**OTHING we have ever introduced has met with such large sale, and brought us so many strong recommendations from growers in all sections of the country as this wonderful melon. **Johnson's Dixie** is the only watermelon now in demand at **good prices** and at a **handsome profit** to growers on New York, Philadelphia and Boston markets in the selling season. It is a cross between the **Kolb Gem** and **Old-Fashioned Mountain Sweet**, made by one of the largest truck and melon growers of North Carolina. It surpasses the Kolb Gem in shipping qualities, and fully equals the Mountain Sweet in fine eating quality and flavor, and is a week to **ten days earlier** than either. It has a remarkably thin rind, almost impenetrable, which preserves it for a great length of time, keeping three times as long as either of the two varieties named before showing decay. Its great productiveness is shown from the fact that the past five seasons it matured from **six to eight large melons** to the vine, while Kolb Gem rarely produced more than two or three. The vines grow strong and rapidly, with more laterals than any other melon, and have the singular and very valuable quality of **rooting from every joint**, adding greatly to the productiveness and life of the vines. The meat is more scarlet, finer and of much better quality.

In competition for the **\$100.00 Cash Prizes** offered by us for the largest Johnson's Dixie grown in 1892, over four hundred customers reported weights of fifty pounds and over. The largest and heaviest melon grown, and for which our first prize was awarded, weighed **133 pounds**, and measured **37 inches in length**, with a diameter of **18 inches**. This wonderful melon was grown by Samuel Barnes, Esq., of Wills Point, Texas.

When we first introduced this new melon to the public in the spring of 1890, we paid what we believe to be the highest price per pound ever given for a crop of melon seed. The stock seed from which our present supply was grown was taken from the very choicest specimens in a field of thirty acres. The great popularity of **Johnson's Dixie** is due entirely to the great care and attention given to our selected strain, which is the best that care and money could produce. It has come to our knowledge that a vastly inferior melon is being offered and sold as **Dixie**. Look out for it. **Buy direct from the introducers and you will be sure to get the genuine.**

**Prices:** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.; 5 lbs. and over, 60c. per lb.

**Extra Selected Stock Seed**, saved from picked melons, the largest and finest in our patch. Pkt., 10c.; oz., 20c.; ¼ lb., 40c.; lb., \$1.25.

**WHITE GEM.** A new round, white-skinned variety, somewhat resembling the well-known Russian Volga, but said to have come originally from China. It is extremely hardy and productive, and thrives well in our climate; flesh pink and of delicious flavor; rind thin, but very tough and hard. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**CUBAN QUEEN.** Skin beautifully striped, dark and light green. The flesh is *bright red, remarkably solid, luscious, crisp and sugary*, very solid and the best of keepers; excellent to ship to distant markets. They have been grown to weigh over one hundred pounds; are *enormously productive*. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 50c.; 5 lbs., \$2.25.

**HUNGARIAN HONEY.** A new variety brought from Hungary a few years since. They grow round as a cannon ball, very uniform in size and weight, running from ten to twelve pounds. The outside skin is dark green, rind very thin, flesh red and unusually sweet and luscious. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**MAMMOTH IRON-CLAD.** This melon grows to a very large uniform size, frequently weighing eighty pounds and over, and resembles in its markings the Cuban Queen. *In shape and seed*, however, it is quite distinct, being deeper and fuller at both ends, with seed of drab-white color. They are enormous yielders, flesh red, solid and of excellent flavor. The rind is extremely tough and hard—hence their name, **Iron-Clad**—rendering them valuable for shipping. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs., \$2.25.

**KENTUCKY WONDER.** This is a new red-seeded variety. We have never known a red-seeded watermelon that was not a good one; this being the best we have ever grown. In shape it is oblong; skin dark green, marbled in stripes of light green; flesh a beautiful scarlet color, crisp, tender, rich and sugary flavor, always firm and never mealy. Attains an average weight of forty to sixty pounds. A real good, old-fashioned Kentucky melon, that has few equals in quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.



NEW SWEET HEART WATERMELON.

### New Sweet Heart Watermelon.

A magnificent new shipping melon of uniformly large size and fine quality. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and very light green. Rind thin but firm, flesh bright red, firm, solid but very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. This variety has no equal as a melon to ship to distant markets, and it is so attractive in appearance that it is readily sold when all others are a drug. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

### New Watermelon, Cole's Early.

Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; the rind is thin, and the quality of the flesh is sustained clear to the rind. It is, however, exceedingly brittle, hence not desirable for shipping purposes, but, possessing all the other most desirable features, we can highly recommend it for home use. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

**JOHNSON'S CHRISTMAS.** This melon, introduced by us a few years since, has already become a most popular melon for shipping long distances. Hundreds of customers write us every year that they keep until Christmas in perfect condition. Their valuable keeping and shipping qualities are due to a peculiar, hard, tenacious coating or outside enamelling of the skin, which also gives them an exceedingly handsome and fresh appearance, even after being kept or allowed to remain on the vines for months after ripening. The flesh is of a beautiful rich scarlet, very solid and of delicious sugary flavor. Its uniform size and handsome fresh appearance at all times make it a most salable variety. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 55c.; 5 lbs. and over, 50c. per lb.

**DARK ICING.** This variety combines all the good qualities essential to perfection. They grow to medium size, averaging in weight from twenty-five to thirty pounds, although we have known them to reach fifty pounds. The skin is dark green and firm. The flesh is a deep, rich scarlet, of delicious flavor; it is one of the best shipping and carrying melons grown. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs. and over, by express or freight, 45c. per lb.

**LIGHT ICING, or ICE RIND.** Of round form, skin light color, thin rind and good quality, nearly or quite equal to the dark-skinned Icing, which it resembles in shape. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs., \$2.25.

**GRAY MONARCH, or LONG WHITE ICING.** This distinct melon is, without doubt, one of the largest of all, frequently attaining a weight of seventy pounds and over. The skin is a mottled gray color; shape long; flesh bright crimson, and of sweet, delicious flavor. It is also a fine shipper, carrying well long distances and bringing very high prices. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.; 5 lbs., \$2.75.

**GIRARDEAU'S FLORIDA FAVORITE.** This variety is a hybrid of the Rattlesnake and Pierson, the latter being a celebrated home variety in Florida. It is pronounced one of the finest table melons extant; oblong in shape, growing to a very large size; rind dark, with light green stripes; flesh light crimson, very crisp and deliciously sweet. It ripens about ten days earlier than Kolb Gem or Iron-Clad. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.; 5 lbs., \$3.00.

**NEW RED-SEEDED VAUCLUSE.** This is not only the best foreign watermelon we have ever grown, but one of the most promising of the many sorts lately introduced. It is of French origin, very early, of large size, elongated, egg-shaped. The flesh is a bright crimson, very sweet, not stringy, and edible to within one-eighth of an inch of the skin; the seeds are also bright red. The rind, though so thin, is very tough, and the shell glossy, making it an excellent shipper; dark green color, beautifully threaded with a still darker green. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**SCALY BARK.** The skin is dark green, quite smooth, and has a peculiar scaly appearance. It is an unusually productive sort, the average weight of the melons being forty to fifty pounds, although it is not unusual for specimens to reach seventy pounds. The flesh is light crimson, solid, tender and of exquisite flavor; remains in choice eating condition long after being pulled. The rind, though quite thin, is remarkably tough. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**EARLY CALIFORNIA, or IMPROVED ODELLA.** This is a popular market variety in New Jersey; two weeks earlier than the old Mountain Sweet, round to oval in shape, color light green, good quality and an excellent shipper; rind very tough and grows to large size. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.; 5 lbs. and over, 35c. per lb.

**THE BOSS.** A distinct variety introduced a few years since, of oblong shape. Skin is black green in color. Flesh deep scarlet, unusually sugary, crystalline and melting. The rind is very thin and tough. It ripens early and is enormously productive. This is considered by many the very best table melon for family use. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.; 5 lbs. and over, 35c. per lb.

**KOLB GEM.** Largely grown by Southern shippers. The rind, though quite thin, is very tough, standing handling and shipment long distances without breakage. The flesh is of bright red and of fair quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 40c.; 5 lbs. and over, 35c. per lb.



NEW JUMBO WATERMELON.

**JUMBO.** In shape this new melon is almost round, as shown in illustration. The skin is green, with faint stripes of lighter green. In form and habit of resting on the blossom end is like the **Pride of Georgia**, but is free from the ribs of that variety. As indicated by the name, they grow to a fine, large size, with a very tough rind, making it a valuable shipping variety. Flesh red and very sweet. It also ripens quite early, and is rapidly becoming a most popular sort for market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 80c.; 5 lbs. and over, 75c. per lb.

**MANGO MELON, or VEGETABLE ORANGE.** This new fruit belongs to the melon family, but has a flavor entirely peculiar to itself. For sweet pickles, pies or preserving they are superb. A few pieces of sliced lemon add to their flavor. They are easily cultivated. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.25.

**COLORADO PRESERVING.** An improvement on the green preserving melon; enormously productive and of better quality, making very clear, transparent preserves of fine flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 55c.; 5 lbs., \$2.50.

#### WELL-KNOWN STANDARD WATERMELONS.

Large Packets, 5 cents each.

	oz.	¼ lb.	lb.
Phinney's Early, . . . . .	\$0 05	\$0 15	\$0 50
Vick's Early, . . . . .	5	15	50
Pride of Georgia, . . . . .	10	25	75
The Delaware, . . . . .	10	30	90
Seminole, . . . . .	5	15	50
Gypsy or Rattlesnake, . . . . .	10	20	60
Mountain Sweet, . . . . .	10	20	60
Ice Cream or Peerless, . . . . .	5	15	50
Green and Gold, . . . . .	10	20	60
Ruby Gold, . . . . .	10	30	90
Improved Black Spanish, . . . . .	5	15	50
Improved Mountain Sprout, . . . . .	5	15	50
Green Citron Preserving, . . . . .	5	15	50

### Martynia.

**Martynia Proboseida.** For pickling. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

### Mustard.

One ounce will sow about seventy-five feet of drill.

**SOUTHERN GIANT CURLED.** This mustard is very highly esteemed in the South, where the seed is sown in the fall, and the plants used very early in the spring as a salad. Our stock is the true curled leaf, and produces plants which often grow two feet high and of greater breadth, forming enormous bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

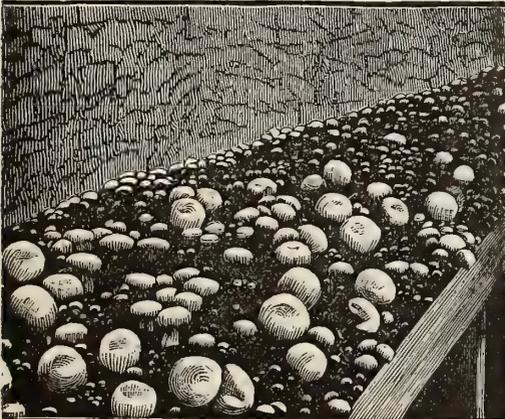
**NEW CHINESE.** A giant curled variety; leaves twice the size of the ordinary White Mustard, frequently fourteen to fifteen inches long, with blades of yellowish-green color, netted and crimped like that of a Savoy cabbage; stems more succulent than any other mustard; flavor pleasantly sweet and pungent. In six weeks from the time of sowing, the leaves may commence to be gathered, and the plants will continue to yield until frost sets in. The leaves are eaten boiled like spinach. They are very little diminished in substance by cooking, and have a very agreeable flavor. In some countries it forms one of the most highly esteemed of all green vegetables. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**White London.** Best for salads. Oz., 5c.; lb., 25c.

**Black or Brown.** More pungent than the white; for salad and culinary use. Oz., 5c.; ¼ lb., 20c.; lb., 30c.

### Mushrooms.

Mushrooms can be successfully and profitably grown during the winter and spring months on greenhouse benches, in frames in the greenhouse, under greenhouse benches, among other plants on greenhouse benches, as well as in the open fields, or in cellars or out-houses. Full directions for cultivation are sent with each order for spawn.



Our celebrated **English Milltrack Mushroom Spawn** (made by the best maker in England, especially for our trade) has gained an enviable reputation among critical growers for its uniform good quality, and can be thoroughly relied on to produce a good crop of the best mushrooms. Price, in bricks of one and one-fourth pounds each, by mail, postpaid, each 25c., or 5 for \$1.00; by express, 10 lbs., \$1.20; 25 lbs., \$2.75; 50 lbs., 9c. per lb.; 100 lbs. and over, 8c. per lb.

### Nasturtium—Indian Grass.

**Tall Yellow.** The best for pickling or salads. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Dwarf Mixed.** Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

### Okra—Gombo.

One ounce will plant one hundred hills.

**IMPROVED DWARF PROLIFIC, or DENSITY.**

A distinct variety, growing about fourteen inches in height. Grown in competition with the ordinary dwarf, it produced twice the number of pods, which are very smooth and beautiful. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.



### WHITE VELVET.

This distinct and beautiful new okra was originated in Georgia. The pods are much larger than those of any other sort, perfectly smooth, never prickly, round, not ridged or square as in other okras. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.

### PERKINS' MAMMOTH MOTH LONG PODED.

This distinct new okra is by far the best. It was originated by M. B. Perkins, a well-known New Jersey trucker, after many years of careful study and selection. Its productiveness is simply wonderful. The pods shoot out from the stalk within three inches of the ground, and the whole plant is covered with them to the height of a man's head, five to six feet. The pods are an intense green color, of unusual length, nine to ten inches, very slim, and do not get hard, as is the case with other okras. Mr. Perkins has always realized \$3.00 to \$4.00 per basket for his okras in Philadelphia markets. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25; 5 lbs. and over, \$1.00 per lb.

**PERKINS' NEW MAMMOTH PODED.** The whole plant is covered with them to the height of a man's head, five to six feet. The pods are an intense green color, of unusual length, nine to ten inches, very slim, and do not get hard, as is the case with other okras. Mr. Perkins has always realized \$3.00 to \$4.00 per basket for his okras in Philadelphia markets. It is also much sought after by canners, being the best of all green sorts for canning for winter use. Our seed is grown by the originator. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25; 5 lbs. and over, \$1.00 per lb.

### Parsnip.

One ounce will sow about two hundred feet of drill; five pounds will sow one acre.

Parsnips are a delicious vegetable for the table and equally valuable for stock feeding. When fed to milch cows they improve the quality and increase the flow of milk. They can be left in the ground all winter, being improved in quality by continued freezing.



### NEW IDEAL HOLLOW CROWN.

A greatly improved and wonderfully fine strain of true **Hollow Crown Parsnip.** The roots do not grow as long as the old Hollow Crown variety, are of larger diameter, and more easily gathered. It is a very heavy cropper. The roots are very smooth, flesh fine grained, and of excellent quality. The best variety for the market or home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.; 5 lbs., 60c. per lb.

**Large Sugar, or Long Smooth Hollow Crown.** Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**MAKE NO MISTAKE.** Don't Get in the Wrong Store. Look out for NAME and NUMBER. **JOHNSON & STOKES,** 217 and 219 Market St., Philadelphia.

# OUR PEDIGREE ONION SEED

No one can appreciate the value of **reliable seeds** better than those who have been **once disappointed**. Too much care cannot be exercised in selecting your supply of onion seed. There is no vegetable in which the quality of the seed exerts a greater influence upon the crop. Our stock is all grown from **choice bulbs, selected carefully by hand, and is unsurpassed in this country**. During our whole business career as seedsmen, it has always been our aim to make **quality a first consideration**, price afterwards, and in no one crop have we met with greater reward for our efforts than in onions, the demand for our seed having increased so rapidly that we have been obliged to **largely increase our facilities** for growing every year for several years past.

**PHILADELPHIA GROWN SEED**, or that raised in the southeastern part of Pennsylvania, is unquestionably **earlier** than New England seed, and still earlier compared with Western seed. This is an important feature, as the early market onions always bring the highest prices. The growth conclusively proves our claim, the Philadelphia seed making bulbs of better quality for keeping or immediate use, either as sets or full-sized onions, long before seed from any other locality. Large, full-sized onions can be grown from our seed the first season in any section of the United States, North or South.



Photograph of a growing crop of our Pedigree Onion Seed, taken just before harvesting. The best evidence that the onion bulbs we set out for seed were carefully selected for size, sound condition, and strong growth, is here shown. Poor seed stock could not produce such an abundant crop of large seed balls.

One ounce will sow one hundred feet of drill. To grow large onions from seed, five pounds to the acre; to grow small sets, fifty to sixty pounds to the acre are required.

There is no crop, perhaps, more sure than that of onions. Rich soil, with a good application of manure every year, and proper attention, will almost invariably insure a good crop. Five hundred bushels per acre is a medium crop, while from eight hundred to one thousand bushels are not unusual under the best cultivation. Onions, unlike most other crops, may be raised on the same ground for an indefinite length of time.

## BOOKS ON ONION CULTURE.

Full information for **Culture, Storage and Marketing**, of both onions and onion sets, will be found in our book of **\$100 Prize Essays**. This book is sent by mail, postage paid, on receipt of price, 25 cents, or may be had free as a premium with all orders to the amount of **\$2.00 and over**.

### ANOTHER BOOK EVERY ONION GROWER SHOULD HAVE.

**The New Onion Culture**, or how to grow 2000 bushels to the acre, by T. Greiner, should be read by all onion growers. Price, 50 cents, post-paid, or may be had free with orders of **\$3.00 and over**. (See Book Premiums, page 18.)

Market gardeners and onion set growers who use large quantities of onion seed will please call at store or write for special prices, stating quantity required.

**MAMMOTH PRIZETAKEE.** The great Spanish yellow onion. We offer American grown seed. See photograph under specialties, page 11. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$1.90; 5 lbs. and over, \$1.75 per lb.

**NEW WHITE PRIZE-WINNER.** The exact counterpart of Prizetaker, except in color. See Novelties, page 11. Pkt., 10c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.10.

**AMERICAN EXTRA EARLY PEARL.** The earliest large white onion. See Specialties, page 12. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.65; 10 lbs. and over, \$2.50 per lb.

**PHILADELPHIA YELLOW DUTCH, or STRASBURG.** The great set onion—our pedigree seed. The most popular variety for sets, grown so extensively by market gardeners around Philadelphia. The sets of this variety grow round, plump and bright. Full-size onions are somewhat flattened, flesh pure white, mild flavor and an excellent keeper. Skin bright yellow. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.15; 5 lb. lots, \$1.10 per lb.; 10 lbs. and over, \$1.00 per lb.



PHOTOGRAPH OF A SELECT LIST OF OUR BEST AMERICAN ONIONS.

### Round Yellow Danvers Onion.

Our superior stock of this celebrated variety is of fine round shape; grows to good size, with thin, yellow skin, white flesh, fine grained, mild flavor and excellent quality. It ripens early, frequently producing from six to eight hundred bushels to the acre; keeps well and is considered a splendid sort. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.10. By express or freight, 5 lbs. for \$3.00; 10 lbs. and over, 90c. per lb.

### Philadelphia Yellow Globe Danvers Onion.

**PEDIGREE SEED.** (See Illustration.)

This improved variety is pronounced by all market gardeners and onion growers, who now grow it in preference to all other onions, the very best strain in cultivation. It is the earliest yellow globe variety, large in size, uniformly perfect in shape and the largest cropper, producing from seed 1000 bushels to the acre with good cultivation. It is also the most reliable for bottoming, and one of the best keepers of all American Onions. In fact, it is everything that could be desired as a market or table onion. Prices of our Pedigree Tested Seed, crop of 1895, grown from selected hand-picked bulbs: Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.40; 5-lb. lots, \$1.35 per lb.; 10 lbs. and over, \$1.25 per lb.

**PHILADELPHIA EXTRA EARLY RED FLAT.** Ten days to two weeks earlier than the Large Red Wethersfield, of medium size and deep red color, an abundant producer and of good form and flavor, keeping well. It is well adapted to the cold, mucky soils of the North and Northwest, where other varieties fail to produce full-sized onions. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.65; 5 lbs., \$8.00; 10 lbs. and over, \$1.50 per lb.

**PHILADELPHIA EXTRA EARLY RED GLOBE.** (See illustration.) A new variety, maturing as early as the Extra Early Flat Red, but of a beautiful globe shape; skin deep red, flesh mild and tender; an excellent keeper and very desirable for table or market use. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.90; 5 lbs., \$9.00.

**EXTRA LARGE RED WETHERSFIELD.** (See illustration.) Onion growers who prefer the red varieties will find this a magnificent strain, far surpassing the ordinary Red Wethersfield in size, productiveness and keeping qualities. It is of the finest form, skin deep purplish red, flesh purplish white, much finer grained than many of the red sorts. Immense crops of this onion are grown each season, from our seed, by some of the largest growers in the United States, who realize the very highest prices for their crops. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.65; 5 lbs., \$8.00; 10 lbs. and over, \$1.50 per lb.

### GOLDEN BALL ONION.

Since our introduction of the Golden Ball and Ivory Ball Onions, a few years since, the demand for the seed has been so great that we have been obliged to double our acreage for seed each year. They originated with one of the most successful onion growers of Ohio, his onions frequently controlling the late markets and selling rapidly at high prices, even long after new onions arrived from the South, owing to their excellent keeping qualities, fine appearance and handsome shape. They are sure to bottom well, and are of much better quality for keeping or immediate use than the Southport Globe varieties. In the Golden Ball the skin is of a rich golden color, flesh white, mild, well-flavored and of unapproachable quality, occupying the very first rank as a keeping variety. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.65.

### IVORY BALL ONION.

**THE GREATEST KEEPER OF ALL WHITE ONIONS.**

(See Illustration.)

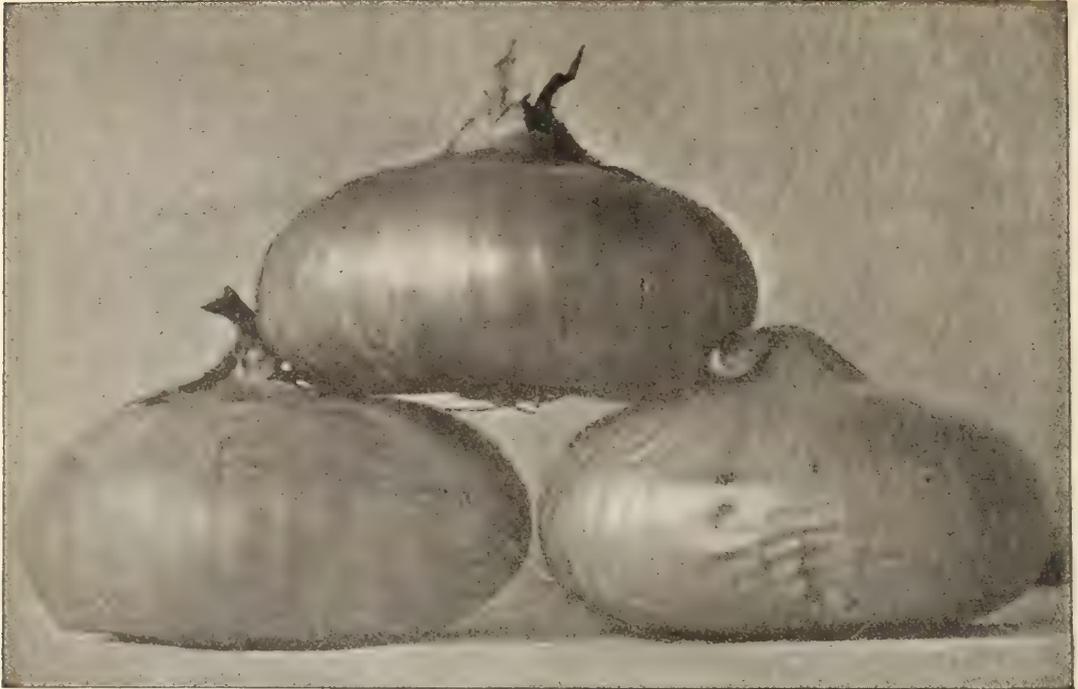
In size, shape and keeping qualities, this variety is an exact counterpart of Golden Ball. The skin and flesh, however, are of a pearly whiteness, and so smooth, round and handsome, that, to a casual observer, they might easily be taken for billiard balls. It is just as easy to grow as the yellow varieties, and we recommend it to market growers in preference, for the reason that white-skinned usually command a higher price. Pkt., 10c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

**PHILADELPHIA WHITE SILVER SKIN, or PORTUGAL.** (See illustration.) A good variety for family use; skin and flesh pure white, mild flavor and flat shape. The best white onion to grow largely for sets. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.90; 5 lbs., \$1.85 per lb.

**SOUTHPORT LARGE YELLOW GLOBE.** This fine American variety is entirely distinct from Danvers. It is a very handsome, round variety, of large size, white flesh, fine grained, mild, very firm, and the best of keepers. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50; 5 lbs., \$7.25; 10-lb. lots and over, \$1.35 per lb., by express.

**SOUTHPORT LARGE RED GLOBE.** This variety is very similar to the Southport Yellow Globe in shape and size, but ripens somewhat later, maturing a few days later than the Red Wethersfield. It is a splendid keeper, and in quality is superior to most other red varieties. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.65; 5-lb. lots, \$1.60 per lb.

**SOUTHPORT WHITE GLOBE.** A large, globe-shaped variety, with white skin; fine flesh, handsome shape and a good keeper. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.40.



PHOTOGRAPH OF THE RHODE ISLAND CRACKER ONIONS. THE EARLIEST OF ALL RED AND YELLOW ONIONS.

## Rhode Island Cracker Onions.

The Cracker Onions have had a great local reputation in Rhode Island for several years; the few gardeners there who have been growing them having realized large profits, owing to their extreme earliness and very handsome appearance on the market. There is no other American onion that can approach them in earliness, being fully a week earlier than the well-known Extra Early Red, making them an excellent sort to grow where the seasons are short. Their handsome shape is well shown in the above photograph; flesh is white, of most excellent quality. They are enormous croppers and possess superior bottoming qualities, whole crops being annually grown by Rhode Island gardeners, without a single scullion. Onion growers, try this valuable variety, as it is sure to prove a success.

Prices: { Rhode Island Yellow Cracker Onion. Pkt., 10c; oz., 30c.; ¼ lb., 90c.; lb., \$3.15.  
 { Rhode Island Red Cracker Onion. Pkt., 10c.; oz., 30c.; ¼ lb., 90c.; lb., \$3.15.

**THE MADRID GIANT, or RED PRIZETAKER ONION.** This new variety possesses the large size, mild flavor, excellent keeping and all other good qualities of the celebrated Prizetaker, but differs from that variety in its handsome red skin, which, in contrast with its pure white, fine-grained flesh, attracts marked attention in market. The seed we offer this season is American grown, which will germinate better than the imported Spanish seed. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**NEW WHITE BUNCH ONION.** The best onion for selling in bunches or using in a green state. It is a very early, vigorous grower, and produces large, showy, white onions of the finest quality. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00; 5 lbs. and over, \$1.75 per lb., by express.

**HARD ROUND SILVER SKIN, FOR PICKLING.** The best onion for pickling, producing uniform, small, round, handsome onions, with pure white skin, never turning green from exposure. Pkt., 10c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75, post-paid; 5 lbs. and over, \$1.50 per lb., by express.

### MAMMOTH VICTORIA ONIONS.

A new race of onions introduced from Sardinia, where they are largely grown. They have attained enormous sizes and weights, of two to four pounds each, grown in the United States. They are of handsome globe shape, and are worthy of a trial by all gardeners who are interested in the growing of foreign onions for either market or exhibition purposes. As the imported seed of these varieties germinates poorly, we offer choice American grown seed from selected bulbs.

**RED VICTORIA ONION.** The skin is deep blood red, flesh white, and of sweet, mild flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

**WHITE VICTORIA ONION.** Skin and flesh pure white, of sweet, mild flavor, and a very handsome, showy onion. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

### ITALIAN ONIONS.

**MAMMOTH SILVER KING.** This mammoth variety is of attractive shape, with silvery white skin and flesh, of a most agreeable mild flavor. It matures a little later than our Extra Early Pearl, is of flatter shape, and frequently weighs three to three and one-half pounds. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**NEW WHITE ADRIATIC BARLETTA.** The earliest, neatest and smallest onion grown; valuable for pickling or table use. Its great rapidity of growth will astonish everyone who tries it. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**MAMMOTH POMPEII, or COPPER KING.** Grows to enormous size; skin of a dark red color, flesh white and unusually mild in flavor. Fine exhibition and market variety. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

**GIANT ROCCA.** Large, of globular shape, reddish-brown skin, and delicate flavor, sometimes weighing three pounds and over. Valuable and remarkably handsome. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

**WHITE QUEEN.** A rapid grower, white skin, of mild flavor, early, and remarkable for its keeping qualities. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

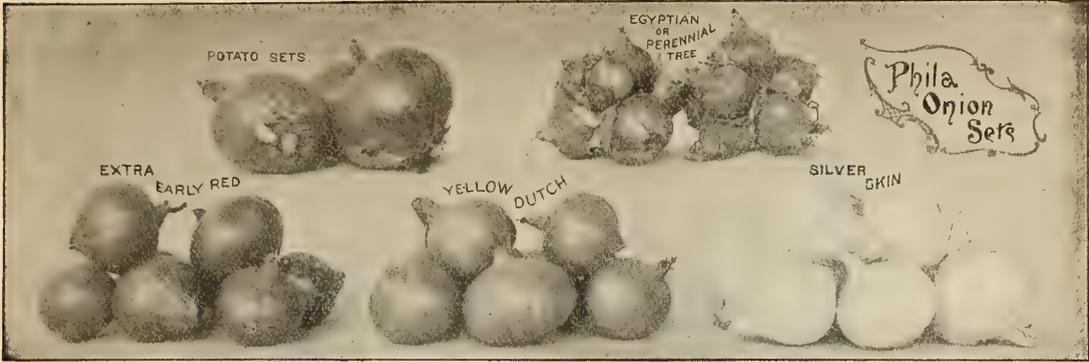
**GIANT WHITE ITALIAN TRIPOLI. (El Paso, or Large Mexican.)** A large, white, flat onion, of mild flavor and beautiful form. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**MAMMOTH RED TRIPOLI.** Like the above, except in color. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.60.

### TRUE BERMUDA ONION SEED.

Our sales of this valuable early variety, the true stock of which is often difficult to obtain, have been increasing rapidly each year. We import it in very large quantities, and are consequently enabled to make our prices extremely low.

	Pkt.	oz.	¼ lb.	lb.
Bermuda Onion Seed, Pale Red,	.10	20	60	\$2.15
Bermuda Onion Seed, Pure White,	.10	20	60	2.25



**PHILADELPHIA ONION SETS.**

"Philadelphia grown onion sets" are everywhere recognized as the best. Experienced gardeners insist upon having them, and enormous quantities are supplied annually to dealers and growers in all parts of the country. We grow each season large quantities from our Philadelphia seed, which, being earlier, makes sets of better quality than that grown in any other section.

We shall be glad to quote special prices by the bushel or barrel (3 bushels), at any time, when requested.

**PHILADELPHIA YELLOW DUTCH, or STRASBURG ONION SETS,** per qt., 15c.; qt., post-paid, 25c.

**PHILADELPHIA YELLOW DANVERS ONION SETS,** per qt., 15c.; qt., post-paid, 25c.

**PHILADELPHIA EXTRA EARLY RED ONION SETS,** per qt., 30c.; qt., post-paid, 30c.

**PHILADELPHIA WHITE, or SILVER SKIN ONION SETS,** per qt., 25c.; qt., post-paid, 35c.

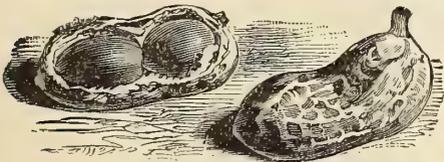
**POTATO ONION SETS.** These make a valuable early crop. The small bulbs increase in size and the parent bulb produces a quantity of small bulbs in a cluster. Qt., 25c.; qt., post-paid, 35c.

**EGYPTIAN WINTER, or PERENNIAL TREE ONION.** When once set out, without having the slightest winter protection, it will come up year after year as soon as the frost breaks ground, and will grow very rapidly. The bottoms divide, making several onions. The young sets grow on top of the stalks, like Tree Onions. Qt., 20c.; qt., post-paid, 30c.

**NEW WHITE MULTIPLIER ONION SETS.** These are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green, or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their keeping qualities are remarkable, having kept perfectly sound for a year; but their most important quality is extreme earliness, being ready for market from three to four weeks ahead of ordinary onion sets. Qt., 35c., post-paid; qt., 25c.; 4 qts., 75c., by express or freight.

**WE ARE HEADQUARTERS FOR ONION SETS,** and sell cheaper by the peck, bushel or barrel. We will quote special prices on application. We grow sets of the foreign onions for fall shipment's only, as the sets are hard to keep over winter and should be planted in the fall.

**Peanut, or Ground Pea.**



**SPANISH PEANUT.** Valuable for the Northern States on account of its great earliness. It is smaller than the ordinary peanut, and can be planted close in the row. Large pkt., 10c.; pint, 25c.; qt., 45c., post-paid; peck \$1.75.

**GEORGIA IMPROVED GROUND PEA, or PEANUT.** This variety is much superior to the ordinary peanut, yielding fewer imperfect pods and combining earliness, productiveness and size; yields, on ordinary land, over one hundred bushels to the acre. Full directions for planting, growing and harvesting printed on each packet. Large pkt., 15c.; pint, 30c.; qt., 50c., post-paid; peck, \$2.00.

**Parsley.**

One ounce will sow one hundred and forty feet of drill. **EMERALD, or DWARF EXTRA CURLED.** Leaves tender, beautifully crimped; handsome bright green color; very ornamental. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

**EXTRA DOUBLE CURLED.** A curled variety for garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

**Market Gardeners' Best Parsley.**



Photograph of a single plant of MARKET GARDENERS' BEST PARSLEY, showing its great beauty, vigorous growth and wonderful productiveness.

The best points yet obtained in parsley have certainly been reached in this sort, representing as it does the result of seven years' critical selection by one of our most experienced market gardeners. The plant is of a very robust and free growth, and is greatly improved by severe cutting. The leaves are large and beautifully curled and of a very dark green hue, and very fine for either open ground or frame culture. It stands heat, drought and cold better and will yield double that of any other sort. The whole appearance of the plant is very handsome, and it certainly is "the parsley for either the market or family garden." Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**CHAMPION MOSS CURLED.** Extra dark green. Leaves crimped and curled like a bed of moss, giving a most beautiful decorative appearance. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 55c.

**Plain or Single.** Dark green with plain leaves; very hardy. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Hamburg, or Turnip-Rooted.** A very popular variety in Europe. Fine, fleshy, vegetable roots, which are used in soups, etc. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**PEAS.**

One quart will plant one hundred feet of drill. One and one-half to two bushels will plant one acre.

**Peas.—Extra Early Varieties.**

**LARGE PACKETS OF ANY VARIETY, 5c. EACH.**

**BLUE BEAUTY.** This sort, though not as early as our famous Johnson & Stokes' Extra Early, has many points of merit to recommend it. It is a blue, round pea. The pods are of medium size, are borne in great profusion, and are well filled. In quality and flavor it cannot be surpassed by any other early smooth sort. Vines very uniform in growth, rarely reaching more than eighteen inches. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.



## Johnson & Stokes' Selected Extra Early Market Garden Peas.

This **Extra Early Pea**, bearing our brand, is a careful selection of our own, and will be found **entirely distinct and superior** to any other. Over 6,000 bushels of these peas are now annually sold by us to the market gardeners of the United States. No other pea grown has such a record as this. For several years past we ourselves, and also many of the largest and most experienced truckers, have made comparative trials with other leading brands of **Extra Early Peas**, and in every case Johnson & Stokes' **Extra Early** was the first ready to pick by from three to five days. Our pea farm is situated in Ontario, Canada, sixty-seven miles farther north than any other, which largely contributes to their extreme earliness and fine dwarf habit. It does not require stakes or brush of any kind for support, growing to a height of two to two-and-a-half feet. It is far in advance of any other **Extra Early Pea** on the market, and all private or market gardeners can make no mistake in using this for their entire first early crop. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 30c.; peck, \$1.25; bush., \$4.50; 5 bush., \$4.00 per bush., by freight.

## Johnson & Stokes' Second Early Market Garden Peas.

This valuable variety is also the product of our Canadian farm, and is the best and most productive **Second Early Pea** on the market. Its fine, medium-sized, well-filled pods are ready for picking about ten days after our **Extra Early**. The peas are larger and more wrinkled, when dry, than that variety, while in delicious flavor they are unsurpassed. It is also a prodigious bearer, having averaged as much as seventy pods to the vine with ordinary field culture, and **will produce more pods to the acre** than any other early pea in cultivation. The vines grow very uniformly to a height of two feet and ripen up very evenly. Pkt., 10c.; pint, 25c.; qt., 45c., post-paid; qt., 25c.; peck, \$1.50; bush., \$5.00, by freight or express.

## SUTTON'S SATISFACTION PEA.

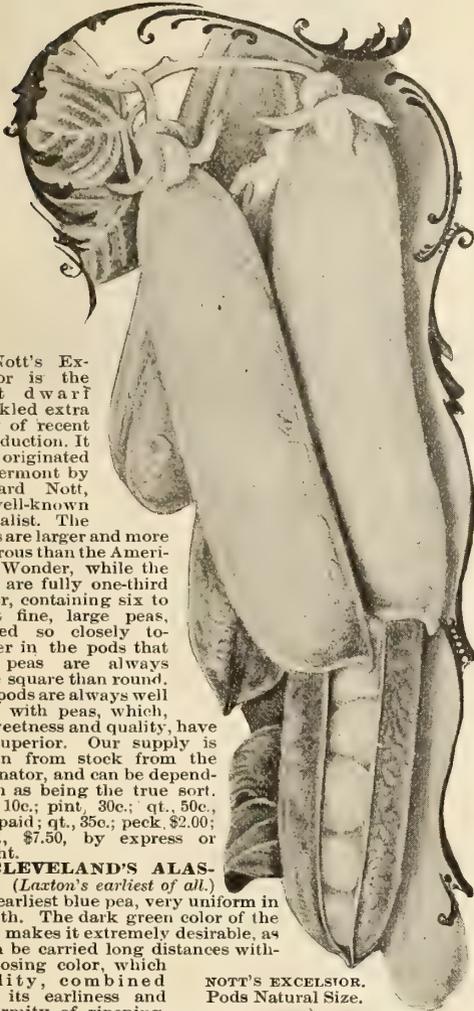
This new variety is the most tender and delicious in flavor of any pea grown. It was introduced by us six years ago, and surpasses in popularity even the famous Telephone and Stratagem varieties. The vine grows vigorously to a height of about two and one-half feet, requiring no brush or sticks to hold them up, being very stocky and robust and literally filled with good **showy pods**, borne double. They follow closely our best early sorts. The peas when green are unusually large, and of fine deep green color. When dry, are very distinct in appearance, being much more wrinkled than any other sort. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$2.25; bush., \$8.00, by freight or express.





Please remember to remit for postage 8c. per pint, 15c. per quart, on peas, when ordered to be sent by mail; packets only are sent free of postage.

Those marked with a (\*) are wrinkled varieties.  
**NOTT'S EXCELSIOR PEA.**



Nott's Excelsior is the best dwarf wrinkled extra early of recent introduction. It was originated in Vermont by Richard Nott, the well-known specialist. The vines are larger and more vigorous than the American Wonder, while the pods are fully one-third larger, containing six to eight fine, large peas, packed so closely together in the pods that the peas are always more square than round. The pods are always well filled with peas, which, in sweetness and quality, have no superior. Our supply is grown from stock from the originator, and can be depended on as being the true sort. Pkt., 10c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$2.00; bush., \$7.50, by express or freight.

**CLEVELAND'S ALASKA.** (*Laxton's earliest of all.*)

The earliest blue pea, very uniform in growth. The dark green color of the pods makes it extremely desirable, as it can be carried long distances without losing color, which quality, combined with its earliness and uniformity of ripening, makes it a most desirable extra early pea for market gardeners; height, two feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.00.

**Philadelphia Extra Early.** An excellent variety, combining earliness and productiveness; height, two and one-half feet. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.75.

**Improved Daniel O'Rourke.** (Also called **First and Best.**) Ten days later than Johnson & Stokes' Extra Early; height, three feet. Pint, 15c.; qt., 25c.; peck, \$1.00; bush., \$3.75.

**LAXTON'S ALPHA.** The earliest blue wrinkled marrow; prolific, of fine flavor; pods large; height, two and one-half feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.35; bush., \$5.00.

**AMERICAN WONDER.** This pea is a hybrid between the Champion of England and Little Gem, and possesses the merits of both. Grows to the height of ten inches; very robust, producing large, well-filled pods; of fine flavor. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.50; bush., \$5.00.

**HORSFORD'S MARKET GARDEN.** This new wrinkled pea is the result of a cross between the Alpha and American Wonder. It requires no brushing, is extremely prolific, and bears its pods in pairs; height, two feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.35; bush., \$5.00.

**McLEAN'S LITTLE GEM.** A first early green wrinkled marrow, very prolific and of superior flavor; height, one foot. Pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

**PREMIUM GEM.** A fine, extra early variety; pods long and prolific; height, fifteen inches; fine for forcing. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.35; bush., \$5.00.

**Tom Thumb.** Very dwarf, not exceeding ten inches in the richest soil, productive and of excellent quality. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.50.

**McLean's Blue Peter.** (Blue Tom Thumb.) One of the earliest and hardest of the Tom Thumb varieties; dark green pods; large peas of excellent quality; a capital bearer; height, nine inches. Pint, 15c.; qt., 30c.; peck, \$1.50.

**Peas.—Second Early, or Medium.**

**DUKE OF ALBANY.** This new pea is superior to Telephone. Vines about four feet high, but little branched, having stout stems and coarse, light green foliage. Pods large, straight, thick, and when fit to pick, very dark green, and borne in great profusion. Green peas large, dark green; when ripe, large, much wrinkled, light green. It ripens medium early and furnishes all its pods well together, making it particularly well adapted to market gardeners' use. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.75; bush., \$6.00.

**FILLBASKET.** This variety is one of the best second early peas in cultivation; a heavy cropper; of excellent flavor; valuable for and very popular with market gardeners; height, three and one-half feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.40; bush., \$5.25.

**HEROINE.** Since its introduction a few years since this new pea has given wonderful results. Every one who sees it wants it. The Heroine is a green wrinkled pea; grows uniformly about two and one-half feet high and is literally covered with its long, heavy, pointed pods—in fact, so striking and distinct is this variety that it would be picked out at once in a field of one hundred other varieties. We have often seen pods with eight to ten peas, and sometimes twelve. The quality of this pea is simply perfection—that rich, buttery, marrow-like flavor for which the peas grown in the gardens of Old England are celebrated. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$ 60; bush., \$6.00.

**SHROPSHIRE HERO.** This grand, new pea is pronounced, by all growers who have tested it, the most valuable acquisition in new peas made in recent years. It is a medium early, large wrinkled pea; a robust grower; two feet in height, producing its large pods in abundance. The pods are larger and better filled than Stratagem, Telephone and others of its class, each containing eight to ten fine, large peas of exquisite flavor. We recommend this variety highly. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.60; bush., \$6.00.

**McLEAN'S ADVANCER.** A fine market variety, prolific, early, tender and of delicious flavor; height, two and one-half feet. Pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.25.

**BLISS' ABUNDANCE.** Plant about eighteen inches high; foliage large, thick, full and dark green. Pods three to three and one-half inches long, roundish and well filled, containing six to eight large wrinkled peas of excellent quality. Pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.25.

**Peas.—Varieties for General Crop.**

Large pkts., 5c. each,

**NEW ENGLISH PEA.** \* **THE CROWN PRINCE.** Now offered for the first time. (See Novelties, page 14.) Pkt., 15c.; pint, 30c.; qt., 60c.

**NEW GIANT PODDED MARROW.** The largest of all in size of pods. (See Specialties, page 14.) Pkt., 10c.; pint, 25c.; qt., 45c.; peck, \$2.25; bush., \$8.50.

**LONG ISLAND MAMMOTH.** A favorite with Long Island gardeners, where it was originally introduced. It has also become very popular with New Jersey truckers. Earlier than Champion of England; an excellent cropper. Pods large size and well filled with peas of very good quality. Seed green; height, three and one-half feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.50; bush., \$5.50.

**SHARP'S QUEEN.** A grand pea from England, which can be classed as an **Improved Stratagem**. Two to two and one-half feet in height. The pods are very large, slightly curved, produced mostly in pairs, and all over the vine from bottom to top. The peas are large, oval, deep green, and of a delicious flavor when cooked. The vines are very sturdy, and of branching habit. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1 75; bush., \$6.00.

**BLISS' EVERBEARING.** This new pea is a cross between the Little Gem and the Champion of England; height, two feet; foliage large, firm and bright green; pods three to four inches long, each pod producing from six to eight large wrinkled peas; its habit of growth is of peculiar branching character, forming as many as ten stalks from one root stalk. Pint, 15c.; qt., 25c.; peck, \$1.25; bush., \$4.50.

**IMPROVED STRATAGEM.** A fine English variety; height, two feet; produces large, handsome pods, often over six inches in length, and containing from nine to ten very large, fine flavored peas. We offer an *improved strain* of this popular sort. Pkt., 5c.; pint, 15c.; qt., 30c.; peck, \$1.75; bush., \$6.50.

**PRIDE OF THE MARKET.** Another famous pea from England. It has become one of the most popular of market peas. It bears very large pods, filled with fine, large peas of superb quality. Height, one and one-half feet. Pkt., 5c.; pint, 20c.; qt., 35c.; peck, \$2.00; bush., \$7.00.

## MAMMOTH MELTING SUGAR PEA. EDIBLE PODS.

This is the best of all of the edible podded or sugar peas. The pods are much larger and entirely free from membranous lining and strings, combining sweet flavor and brittleness to a remarkable extent. They should not be shelled, but peas and pods eaten together, cooked in much the same manner as string or snap beans. They make a dish for the table that will delight the most fastidious epicure. They grow to a height of five to six feet and bear enormously of their truly mammoth pods; six to seven inches long and frequently one and one-half inches broad. Pkt., 5c.; pint, 30c.; qt., 50c., post-paid; qt., 35c.; peck, \$2.25, by express.

\* **CARTER'S TELEPHONE.** A very robust and productive English wrinkled variety, with long pods, containing ten to twelve very large, fine flavored peas. It is an enormous cropper; height, four and one-half feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.75; bush., \$5.50.

\* **CHAMPION OF ENGLAND.** A popular wrinkled variety, of delicious flavor; a profuse bearer; height, five feet. Pkt., 5c.; pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.

\* **YORKSHIRE HERO.** A large, wrinkled, luscious and prolific variety; pods long, round and closely filled; for late crop it has few equals; height, three feet. Pkt., 5c.; pint, 15c.; qt., 25c.; peck, \$1.35; bush., \$5.00.

**DWARF BLUE IMPERIAL.** A favorite with market gardeners; a good bearer; height, two and one-half feet. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.75.

**ROYAL DWARF WHITE MARROWFAT.** A large, delicious marrow pea; an excellent cropper and a favorite with market gardeners and canners; height, two feet. Pint, 10c.; qt., 20c.; peck, 75c.; bush., \$2.50.

**FRENCH CANNER.** A variety imported a few years since from France. It is largely grown for canning purposes both there and in this country. It possesses the quality of not blackening under processing, a very important feature to canners. Pint, 10c.; qt., 20c.; peck, \$1.00; bush., \$3.50.

**Tall and Dwarf Sugar.** The old-fashioned sorts with edible pods; fine flavor; used like snap beans, also as a shelled variety. Each, per pkt., 5c.; pint, 20c.; qt., 35c.

**Large White Marrowfat.** A favorite late variety, with broad, well-filled pods; height, three feet. Qt., 15c.; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.75 per bush.

**Black-Eyed Marrowfat.** This, as well as the White Marrowfat, is extensively grown as a field pea; hardy, productive; well-filled pods; height, three feet. Qt., 15c.; peck, 60c.; bush., \$2.00; 5 bush. and over, \$1.75 per bush.

## Peas.—Field Varieties.

Write for special prices on large quantities.

**Southern Black and Black-Eye Cow Peas.** The best sorts for soiling. Each, per qt., 15c.; bush., \$1.75.

**Canada Field Peas.** Used as feed for pigeons, etc., and grown for a field crop. If sown with oats for fodder and hay, and fed, will double the production of milch cows. Qt., 10c.; bush., \$1.40; 5 bush. and over, \$1.25 per bush.

## Pepper.

One ounce will sow 100 yards of row.



PHOTOGRAPH OF A SINGLE PLANT OF RUBY KING.

**RUBY KING.** This fine pepper grows to double the size of Bull Nose. The fruits are five to six inches long by about three and one-half inches through, of a bright red. They are remarkably mild and pleasant in flavor, having no fiery taste. Single plants ripen from eight to ten fruits. The best red pepper. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.



**MAMMOTH GOLDEN QUEEN.** This is not only the best and most profitable mild pepper, but is one of the largest, handsomest and most productive of all varieties; originated on our own grounds, where we first found a single plant growing in a large field of Ruby King some years ago. It grows fully as large as Ruby King and to twice the size of Golden Dawn, of the most perfect shape and uniform large size. They grow from fifteen to twenty perfect fruits on a plant, from eight to ten inches long and four to five inches through. In color they are bright, waxy, golden yellow, and so mild in flavor they can be eaten like tomatoes, with pepper and vinegar. Our best market gardeners say they sell in market at double the prices of any other sorts, and are exceedingly valuable for stuffing as mangoes. This pepper, which we first introduced in 1887, has been recently offered as a novelty under the name of Golden King. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 80c.; lb., \$3.00.

**LARGE BELL, or BULL NOSE.** A large, early, well-known variety, of mild flavor, rind thick and fleshy; the best for pickling. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**NEW CARDINAL.** This pepper grows to a length of about six inches, very thick and sweet-fleshed. It would be worthy of cultivation for its beauty alone, the color of the fruit appearing as though varnished in a bright cardinal. It can be used for all purposes to which peppers are put. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

**BIRD'S EYE, or CREOLE.** This is the smallest of all peppers, being about the size of a Marrowfat Pea. It is very hot and is used in the manufacture of the celebrated Tabasco Sauce. Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.00.

**NEW DWARF EARLY RED SQUASH.** A great improvement over the old Red Squash Pepper, being earlier and more prolific. It is of a dwarfer growth, while the fruit is rounder, smoother and milder; skin is also much thicker. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**NEW OX-HEART.** A small, heart-shaped pepper, of medium size, excellent for pickles; one of the best. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

**RED CLUSTER.** This new pepper is a sport of the Chili, which it slightly resembles. The leaves and fruits are smaller, while it is much more productive, the fruits being curiously crowded together, making the plants extremely ornamental as well as useful. The peppers are very hot; long and very thin in shape, and of conspicuous coral red color. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 80c.; lb., \$3.00.

**NEW CELESTIAL.** A pepper marvel from China. It is not only a most useful pepper, but one of the most beautiful plants in existence. The plant begins to set in peppers early in the season, and continues until frost, single plants producing three to four hundred perfect fruits. The peppers, up to the time they are full grown, are of delicate, creamy yellow color, and then change to an intense vivid scarlet, making a plant loaded with fruit—part one color and part another—an object of most striking beauty. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Golden Dawn.** In shape and size resembles the Bell. Color, bright yellow; productive and entirely exempt from any fiery flavor. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

**Long Red Cayenne.** Three to four inches long, bright red color, very productive and hot; excellent for bunching. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

**Cheese.** A large cheese-shaped variety; used for pickling. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.25.

**Cherry Red.** A beautiful ornamental variety; fruit round, of a rich glossy color, and very hot; used for seasoning. Pkt., 5c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.



## New Late Potato—The Irish Daisy. See Photograph above.

This new main-crop Potato, is a seedling of Empire State, originated in the great potato district of Northern New York. It has been thoroughly tested by some of the largest growers there, and has in every instance **outyielded two to one** such good varieties as the Rural New Yorker No. 2, White Star, Empire State and all others with which it has been grown in competition. It grows uniformly to good size, with shallow eyes, skin bright straw color, flesh pure white, of the best quality and of handsome shape, as shown in photograph above. The vines are very stocky and vigorous in growth, dark green, withstand drought better than any other late potato and are absolutely blight-proof. With the **Penn Manor**, described below, for early, and the **Irish Daisy** for late, you will be sure of having two of the best potatoes in cultivation. Prices: lb., 40c.; 3 lbs., \$1.00, by mail, post-paid; peck, 65c.; bush., \$1.75; barrel, \$3.75; 10 barrels, \$3.50 per barrel, by freight or express.

## The Penn Manor Potato. A New Variety, Destined to Supersede Early Rose.

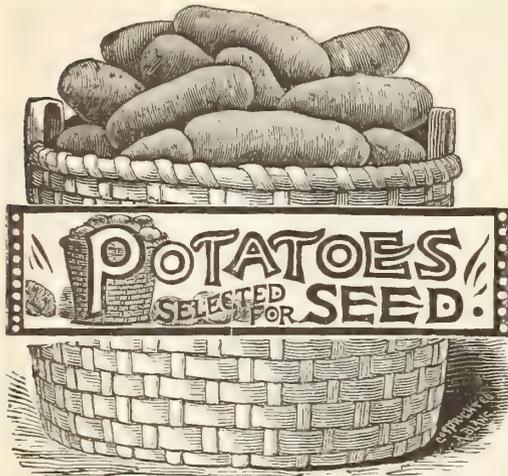
This variety was originated from a seed-ball of the Early Rose by one of the largest growers of that historic country, a few miles north of Philadelphia, known as Penn's Manor. It has been critically tested and planted by some of the most extensive potato growers, who all agree in saying they have never found a hardier or more productive variety, doubling the Early Rose in yield. It is fuller at the ends, and has a skin in color a lighter pink than Early Rose, ripening a few days earlier, and with heavier foliage, which withstands the beetle to a remarkable extent. It also stood the severe drought of the past summer at our Bucks County farm better and produced more than any of the eight varieties we grew there. Price, per lb., 40c.; 3 lbs., \$1.00, post-paid; peck, 70c.; bush., \$2.00; barrel, \$4.25, by freight or express.

## The Carman No. 1. A New Medium or Intermediate Potato.

Originated by the celebrated editor of the Rural New Yorker, who produced the "Rural New Yorker No. 2." It is a seedling from other seedlings raised through several generations, always retaining those with best qualities. It is medium in season, shaped like the Rural No. 2, and has very few shallow eyes. The flesh is unusually white and the quality perfect. It is considered by many of the best potato growers in the country who have made careful trials for the last two years, to be the most promising second early variety recently introduced. Lb., 40c.; 3 lbs., \$1.00, post-paid; peck, 75c.; bush., \$2.00; bbl., \$4.25, by freight.

## Potato Eyes by Mail.

For \$1.00 we will send, all postage paid, 50 good strong eyes of either **Penn Manor, Irish Daisy** or **Carman No. 1**, Potatoes, or for \$2.00, 150 eyes, 50 of each variety, separate and carefully labelled and packed in damp moss. These eyes will produce as good crops as if the whole tubers were planted.



We make the selection of seed potatoes a specialty. Our stock is grown mostly in Aroostook County, Maine, by the most reliable growers, and for purity and superior quality cannot be excelled.

**PLEASE NOTICE.**—As prices are subject to fluctuation, we would request that our customers send in their orders as soon as possible after receiving our Manual. All orders will be promptly acknowledged and potatoes forwarded as soon as weather permits, in time for spring planting. Customers residing South can have them shipped at any time during the winter with little or no risk, but those residing North or West had better wait until the extreme freezing weather is over in March or early April, which will be in ample time for planting. To freeze potatoes, when packed in tight barrels requires extremely cold weather. We ship each season several thousand barrels seed potatoes to nearly all sections, North, East and West, and rarely receive a complaint of freezing.

We pack our potatoes in large round hoop barrels of two and three-quarters to three bushels each, and make no charge for bags, barrels or cartage. We will quote special prices on five and ten barrels of one variety.

**POTATOES BY MAIL.** All potatoes, except where otherwise noted, will be sent by mail, postage prepaid, at 30c. per pound; 4 pounds for \$1.00, carefully labeled and packed.

## Two Valuable New Potatoes for 1896.

**PRIDE OF THE SOUTH** (Extra Early), and **TABLE KING** (Medium). See illustrations and description under Novelties, page 13.

### The Crown Jewel Extra Early.

The Crown Jewel is a seedling of the **Early Ohio**, and fit partakes of all the pure and unadulterated qualities of its excellent parent, without any admixture of baser blood. Its skin is white and smooth, eyes shallow but strong, flesh pure white and floury, cooking evenly throughout. The vines grow vigorously, the roots extend very deeply into the soil, thus resisting drought, and its keeping qualities are equal to the best. Its extreme earliness makes it the most profitable potato for both the market and home garden. Peck, 60c.; bush., \$1.50; bbl. of 2 3/4 bushels, \$3.00; 5 bbls., \$2.75 per bbl.

### The Freeman Potato.

This new extra early variety has made a wonderful record, giving enormous yields, of round shape and beautiful russet skin, being fully equal to the old Snowflake in eating qualities. We find the Freeman much better adapted to rich, black, moist loam rather than high sandy soils. Our crop is grown from seed from the introducer, and guaranteed genuine. Peck, 60c.; bush., \$1.50; bbl., \$3.25.

### The Great Divide New Main Crop Potato.

A new late potato, originated in Iowa. In our tests we find it a wonderfully heavy cropper and unusually free from disease. The vines are stout, erect and vigorous. Tubers oblong, white and of fairly good quality. Peck, 60c.; bush., \$1.50; bbl., \$3.25.

**THE POLARIS.** This potato originated in Northern Vermont. It is of long oval shape and creamy white in color, cooking as white as the finest flour; is hardy, prolific, handsome, early and a good keeper. With the originator it has yielded at the rate of six hundred bushels per acre. It has made for itself a wonderful record during the past few years wherever grown. Peck, 60c.; bush., \$1.50; bbl., \$3.25.

**NEW QUEEN.** A grand potato, originated in Maine. It closely resembles Beauty of Hebron in appearance, color, size and shape, but is much earlier and a heavier yielder. We strongly recommend it as one of the best of the new first early sorts. Peck, 50c.; bush., \$1.40; bbl., \$3.00.

**BLISS TRIUMPH, or IMPROVED BERMUDA.** This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose, is much more productive and matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but a very few small ones; eyes slightly depressed; color a beautiful light red. Its great beauty, productiveness and fine quality make it one of the best extra-early market varieties, especially for the South. Peck, 60c.; bush., \$1.50; bbl., \$3.50.

**RURAL NEW YORKER, No. 2,** originated on the experimental grounds of the *Rural New Yorker*, where more than five hundred varieties have been tested practically during the past twelve years. It is of most distinct appearance, very large and unusually smooth, with few and shallow eyes; in form it is oblong, inclining to round; the skin is white, as is the flesh, which is of superior quality. In maturity it is intermediate, and its solidity and vigor are such that it has rotted less in very wet seasons than any of the numerous sorts grown with it. Peck, 50c.; bush., \$1.40; bbl., \$3.00.

**NEW LATE PURITAN.** Identical with the Early Puritan in color, appearance and quality, but later and more productive. Peck, 50c.; bush., \$1.40; bbl., \$3.00.

The following **STANDARD POTATOES** are so well known that we do not give them a detailed description.

**MAINE, or HOULTON EARLY ROSE.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**PRINCE EDWARD ISLAND EARLY ROSE.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**EARLY PURITAN.** Peck, 50c.; bush., \$1.25; bbl., \$2.75.

**EARLY SUNRISE.** Peck, 50c.; bush., \$1.25; bbl., \$2.75.

**CLARK'S No. 1.** Peck, 50c.; bush., \$1.25; bbl., \$2.75.

**EARLY OHIO.** Peck, 60c.; bush., \$1.50; bbl., \$3.25.

**EARLY BEAUTY OF HEBRON.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**EXTRA EARLY VERMONT.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**MAMMOTH PEARL.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**EMPIRE STATE.** Peck, 50c.; bush., \$1.25; bbl., \$2.75.

**WHITE STAR.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**WHITE ELEPHANT, or LATE BEAUTY OF HEBRON.** Peck, 50c.; bush., \$1.25; bbl., \$2.75.

**BURBANK'S SEEDLING.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

**PEERLESS.** Peck, 50c.; bush., \$1.25; bbl., \$2.50.

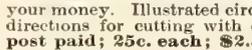
## Potato Seed.

**MIXED.** From the best hybridizers. Per pkt., 25c.

### The Concave and Curved Seed Potato Knife

Is thin and right shape to cut to one, two or three eye pieces fast, and not crack the tuber or injure the germs. Endorsed by planters everywhere; thousands now in use. Give this knife a

fair trial and if you are not satisfied that it will pay you to cut your potatoes with it, return to us and we will refund your money. Illustrated circular, showing structure and full directions for cutting with each knife. Price, 30c each, post paid; 25c. each; \$2.50 per dozen, by express.



## Seed Sweet Potatoes.

We make a specialty of seed sweet potatoes, growing our stock exclusively in New Jersey, about nine miles from our Philadelphia warehouse, where we have unequalled facilities for handling and storing. We pack for shipment in boxes and barrels, with greatest care; but as they are very susceptible to climatic changes, we cannot hold ourselves responsible for their condition after long journeys of several hundred miles.

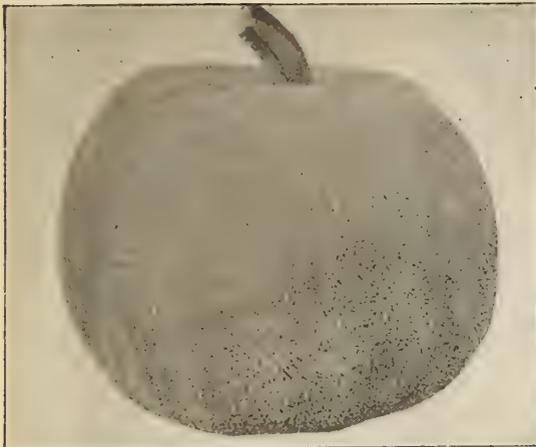
**SWEET POTATO—EXTRA EARLY CAROLINA.** This variety, originated in North Carolina, is far superior to all other varieties in earliness, productiveness and quality. Of a bright yellow color: shape nearly round, and shorter than the ordinary varieties. Will produce fine edible tubers in ten weeks from planting slips. Owing to its extreme earliness, it is better adapted to cultivation in the Northern States than any other variety. Does well on ordinary soil and is the best of keepers. Peck, 85c.; bush., \$2.50; bbl., \$5.00. Price of plants, ready May 1st, 80c. per 100, by mail, post-paid; 60c. per 100; \$4.00 per 1000, by express.

**NEW JERSEY SWEET AND EARLY NANSEMOND.** The justly celebrated Philadelphia Sweet Potatoes, universally grown for Philadelphia and New York markets. Peck, 75c.; bush., \$2.00; bbl., \$4.00.

Plants of the above, ready May 1st, 75c. per 100, by mail, post-paid; 50c. per 100; \$2.50 per 1000, by express.

## Pumpkin.

One pound will plant two hundred to two hundred and fifty hills; four to six pounds are required to plant one acre.



WINTER LUXURY PUMPKIN—THE BEST KEEPER.

### NEW PUMPKIN, WINTER LUXURY.

This pumpkin, which we offered for the first time three years since, is the result of six years' careful selection and improvement by a veteran pumpkin grower, and is pronounced by hundreds of our customers the very best pumpkin for pies that they have ever known. It grows uniformly to a diameter of ten to twelve inches, and is enormously productive. In color it is a beautiful golden yellow, very finely and closely netted, like a netted muskmelon, as shown in photograph above. As a winter keeper and cooking variety it stands unequalled. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1 00.

**CASHAW, or CROOKNECK.** Very popular; splendid for table use or feeding stock; flesh yellow, solid, fine grained and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**GREEN STRIPED, or IMPROVED CASHAW.** This is a great improvement on the well-known Cashaw. They are much more beautiful in appearance, being a distinct mottled green and white striped. The flesh is a rich yellow color, solid, fine grained, very thick, sweet and excellent for pies, and equally good for baking. They are very hardy, bugs seldom bother them, can be grown among the corn, and yield a much heavier crop than most other sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**JONATHAN, or LARGE WHITE CASHAW.** This new pumpkin grows larger than the old Cashaw, with creamy white skin. It is a good keeper, very prolific, smooth, even and thick fleshed; very sweet and fine for pies or feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**LARGE CHEESE.** (Kentucky Field.) Very productive; skin orange; flesh yellow and sweet. Shape round, flattened on the ends. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**NEW JAPANESE PIE PUMPKIN.** This remarkable variety, from Japan, has proven a valuable addition to our pie and cooking pumpkins. The flesh is very thick, of a rich salmon color, and nearly solid, the seed cavity being very small. Unusually fine grained, dry and sweet, having much the same taste and appearance as sweet potatoes, making pies as rich without eggs as other varieties do with. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**CALHOUN.** This new pumpkin has been thoroughly tested in all sections of the country, and is pronounced by all one of the best for pies. Shape nearly round, but somewhat flattened on the ends, skin creamy brown, flesh inside of a deep salmon yellow, very thick, fine grained and of most excellent quality. Lovers of fine pumpkins should try the Calhoun. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

**QUAKER PIE PUMPKIN.** A distinct variety from New York State, where it has been grown for many years by a family of Quakers or Friends. The shape is nearly oval, tapering slightly towards the ends. Color, creamy white, both inside and out; flesh is sweet and rich, and an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**SMALL SUGAR.** A very handsome little pumpkin, with deep orange-colored skin, and flesh of unusually fine sugary flavor; fine grained; very productive and keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**NANTUCKET SUGAR, or NEGRO.** This pumpkin is comparatively unknown outside of a few of the far Eastern States, where it is used exclusively in making the celebrated Yankee Pumpkin Pies. The skin is very dark green, almost black, flesh thick, and of a rich orange yellow. They weigh from twelve to fifteen pounds, and will keep for a year. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

**DUNKARD WINTER PUMPKIN.** This hybrid variety originated with the seed of Dunkards in Bucks County, Pa., where it has had a local reputation for years. They are oblong in shape, growing large. The outside skin is a rich orange, lightly striped. The flesh is very thick, golden yellow, very rich and sweet in flavor. They sell in Philadelphia markets at double the prices of other varieties. Owing to the hybrid origin of the variety, they vary some in shape, there being a tendency to sport back to the original parents. All specimens, however, are equally good in quality. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

**NEW GOLDEN OBLONG PUMPKIN.** A very fine new and productive variety, growing oblong to a length of sixteen to eighteen inches, and seven to eight inches in diameter. The outside skin is dark green when young, changing to a deep golden color as it ripens. Flesh rich yellow, very sweet, dry and excellent for pies. Its keeping qualities are almost if not quite equal to our best winter squashes. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**GOLDEN MARKOW.** A splendid pie pumpkin. They are slightly ribbed; the skin is of a deep orange color; the flesh fine and of excellent flavor. Cook soft and tender, and are excellent keepers. The vines are very productive and hardy. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.



TENNESSEE SWEET POTATO—THE GREAT PIE PUMPKIN.

**TRUE TENNESSEE SWEET POTATO.** One of the very best pie and cooking pumpkins. They grow pear-shaped, as shown in photograph above, to good size, slightly ribbed; skin is a creamy white; flesh very thick, creamy white, dry and fine grained, keeping well until late in the spring; when cooked, resemble sweet potatoes, but much more delicious in taste. The vines are hardy and enormously productive. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.

**Common Yellow Field.** Very productive, and grown for feeding stock. Pkt., 5c.; oz., 10c.; lb., 35c.; 10 lbs., \$2.00.



A King of the Mammoths Pumpkin, weighing 191 lbs., photographed with specimens of Irish Daisy Potato, Rubicon Carrot and New White Prize-Winner Onion, to show comparison as to size.

## The Great Prize Pumpkin, King of the Mammoths.

This truly colossal variety first came to our attention in 1884, while visiting France, where we secured seed, and distributed it among our customers. The results have been **astounding**. No other pumpkin ever introduced has reached such **enormous weights**, and been awarded as **many prizes**. In competition for our cash prizes in past seasons, hundreds of our customers have raised specimens weighing **over one hundred and fifty pounds each**, the heaviest ever grown being two hundred and fifty pounds, in 1889. The heaviest weights attained since, and for which our first cash prizes were awarded, are as follows: One hundred and ninety-six pounds, in 1890, grown by J. C. Confer, Johnstown, Pa.; one hundred and ninety-five pounds, in 1891, grown by H. S. Vetter, Stockholm, N. J.; one hundred and seventy-four and one-half pounds, in 1892, grown by Carl Lenth, Farmersburg, Iowa; one hundred and fifty-one pounds, in 1893, grown by Oscar E. King, Marengo, Wash.

With one of these pumpkins you would be sure of a **first prize** at your county fair. The flesh and skin of a bright **golden yellow** color, very fine grained, of excellent quality, and notwithstanding its enormous size, is one of the **very best pie or table pumpkins** ever grown, and a splendid keeper.

**PRICES FOR 1895: Seeds saved from specimens selected from our patch, weighing one hundred pounds and over: Pkt., 15c.; 4 pkts., 50c.** Seeds saved from the general crop, all good, large, uniform specimens. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

### OTHER FOREIGN PUMPKINS.

**GRAY BOULOGNE.** Grows to very large size, and although quite new, is already very popular. It is large, round and slightly flattened on the ends; skin of a grayish green color, growing to a weight of sixty to seventy-five pounds with ordinary culture, and with special culture will reach enormous size. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**MAMMOTH TOURS.** A French variety, which grows to an immense size, often weighing over one hundred pounds. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**MAMMOTH ETAMPES BRIGHT RED.** This giant variety, also from France, is quite celebrated, and has been grown in this country to enormous size; it is of a bright glossy-red color, a splendid variety to grow for exhibition purposes. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**TRUE POTIRON.** Another wonderful variety from France, somewhat resembling our celebrated **King of Mammoths** in shape. They, however, do not grow so large and weigh so heavy, as their flesh is thin and watery. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

#### A SPECIAL COLLECTION OF MAMMOTH PUMPKINS FOR 25 CENTS.

As an extra inducement for customers to give all our Mammoth varieties a trial, we will send, free by mail, one packet each, **King of Mammoths, Mammoth Bright Red Etampes, Gray Boulogne and Mammoth Tours**, giving a magnificent collection of Mammoth pumpkins for **25 cents**.

# THE BEST RADISHES

## Radish.—Earliest Varieties.

One ounce will sow one hundred feet of drill; nine pounds will sow one acre in drills.



SCARLET, OR CARDINAL GLOBE RADISH.

**SCARLET, or CARDINAL GLOBE.** For forcing in the greenhouse hot-beds, or cold-frames, and for sowing on open borders early in the spring, there is no other red variety that will pay better, as, on account of its very attractive color and shape (as shown in above photograph), it sells better than most other varieties. It is one of the earliest, in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 5 lbs., \$3.50.

**FIREBALL.** One of the finest red forcing turnip varieties. Has a very small, short top. Color, brilliant scarlet, crisp, solid, tender, and of fine flavor. It is alike valuable for outdoor planting early in the spring or in the autumn, and will always command ready sale at good prices throughout the year. It will not disappoint a single market or family gardener who sows it. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**ROSY GEM, or RAPID FORCING (White Tipped Scarlet Ball).** Since we first introduced this wonderful new radish it has won golden opinions in all sections of the country. It is one of the very earliest in cultivation, being a week earlier than Scarlet Turnip White Tipped, which it somewhat resembles in form and color. Their shape is perfectly globular, with rich deep scarlet top, blending into pure white at the bottom, exceedingly tender, crisp and delicious, never becoming hollow or pithy. It is fit to pull in three weeks from sowing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

**STARTLE, or TWENTY DAY FORCING.** A distinct type of the well-known olive-shaped radish, selected by a Philadelphia market gardener. It is undoubtedly the earliest forcing half-long or olive-shaped variety known, maturing in about twenty days. Color, brilliant red; flesh, pure white, crisp, sweet and fresh to the taste. It has a very small, short top, and is alike valuable for forcing or open ground. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**EARLIEST ROUND DARK RED (Scarlet Button).** An improved strain of the Extra Early Scarlet, of deeper color and handsomer appearance; very early, and of extra fine quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**JOHNSON & STOKES' NEW SCARLET OLIVE.** A decided improvement on the ordinary deep scarlet olive-shaped radish, selected and perfected by a Philadelphia market grower. It is of much better shape, and handsomer in color of all deep red sorts; very popular in the South for shipment to Northern markets. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

## PHILADELPHIA GARDENERS' LONG SCARLET.

This very excellent new strain is now more largely planted than any other long Radish. It is a great improvement over the old Long Scarlet, being fully six days earlier, has a shorter and more compact top, will remain in the ground longer without becoming pithy or going to seed. In shape it is somewhat shorter and thicker, thus enabling it to withstand transportation better. In color the upper portion is of an unusually deep brilliant red, which gradually shades to a deep waxy pink towards the tip. Owing to its handsome shape, brilliant color and fine eating qualities, it commands a higher price and more ready sale than the European Long Scarlet as generally sold. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 5 lbs. and over, 60c. per lb.

**NEW WHITE LADY-FINGER RADISH.** This is unquestionably the finest long white radish. Shape, most handsome, as shown in our illustration. In color it is a beautiful snow white. It is of very rapid growth, and remarkably crisp, brittle and tender, equally desirable for the market or home garden. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 5 lbs., 60c. per lb.

**Extra Early White Turnip.** Of very quick growth and small top. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**SCARLET TURNIP, WHITE TIPPED.** Resembling the above in shape, except of a deep scarlet color, with white tip; very handsome. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 5 lbs., \$2.25.

**LONG BRIGHTEST SCARLET, WHITE TIPPED (Long Cardinal).** This new French variety is a decided improvement in earliness and color over other varieties of its class. It makes roots fit for use in about twenty-five days, when planted out-doors; has a small top and no neck or tendency to neckiness; exceedingly bright scarlet, having a white tip, making it one of the handsomest. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Early Deep Scarlet, Olive-Shaped.** Flesh rose-colored and very tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**PARIS BEAUTY, Half-Long Deep Scarlet.** This variety is the most popular early radish sold in the markets of Paris. In shape they are intermediate, between the popular Long Scarlet and Scarlet Olive. They are of rapid growth, with rich deep scarlet skin. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

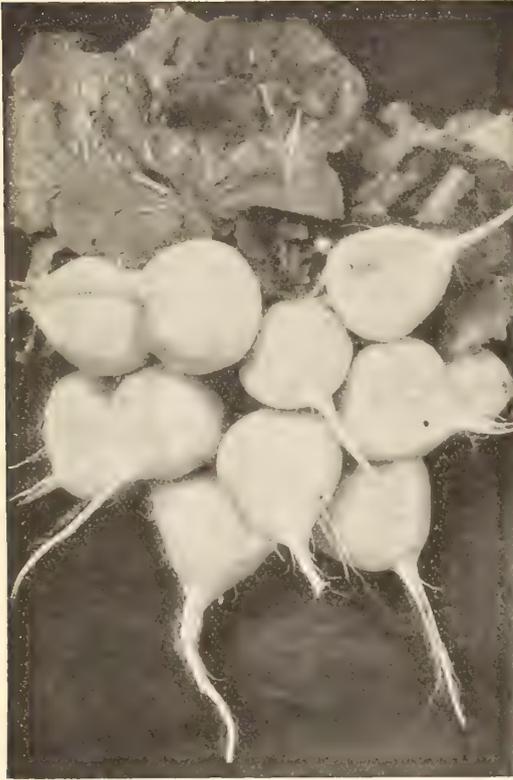
**Extra Early Scarlet Turnip.** A round, deep scarlet, turnip-shaped, small top variety, of quick growth; mild and crisp when young. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Early French Breakfast.** Of quick growth, very tender and beautiful, oval shape. Scarlet tipped with white; a great favorite. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**WOODS' EARLY FRAME.** A splendid forcing variety, being a fine strain of the old Long Scarlet, shape not quite so long. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Early Long Scarlet, or Salmon.** The old standard family and market gardeners' variety. Long, bright scarlet, with small top. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.





FELTON'S MODEL WHITE BOX RADISH.

**FELTON'S MODEL WHITE BOX.**

The **Felton's Model** possesses all the excellent qualities of the popular **Philadelphia White Box**, but is superior in many other respects, being much handsomer and earlier, with fewer and shorter leaves; hence it can be sown more thickly in the row, enabling the grower to raise at least one-third more radishes in the same space, whether under glass, in frames or boxes, or on squares or borders in open ground. It is indeed a model, **perfect in all respects**, being solid, juicy and unsurpassed in flavor in all stages of growth. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.; 5 lbs. and over, 75c. per lb.

**PHILADELPHIA WHITE BOX.** This variety, previous to our introduction of **Felton's Model White Box**, which is superseding it, was the most popular early White Radish grown by Philadelphia gardeners. Its short top and rapid growth especially fit it for growing under glass, in frames or boxes, as well as for early sowing in the open ground. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 5 lbs., \$2.50.

**NEWCOM.** This new radish has taken a leading place with market and family gardeners. It is the earliest and largest half-long white radish known. Owing to its beautiful half-long shape and fine appearance, it readily sells at double the price of ordinary varieties. Quality very superior. They hold their fine eating condition four or five weeks after being fit to pull, and stand heat and cold to a remarkable extent; small top. Valuable also as a summer radish. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**Early White, Olive-Shaped.** Of fine olive shape, skin and flesh white, crisp, tender and of very quick growth. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**OLIVE-SHAPED GOLDEN YELLOW.** This is a fine new German radish, equally well adapted as an early forcing or summer radish. It is of very rapid growth and fine quality; flesh white, tender, crisp and brittle. The outside skin is a bright, fresh yellow, and has a very small top. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Radish.—Summer Varieties.**

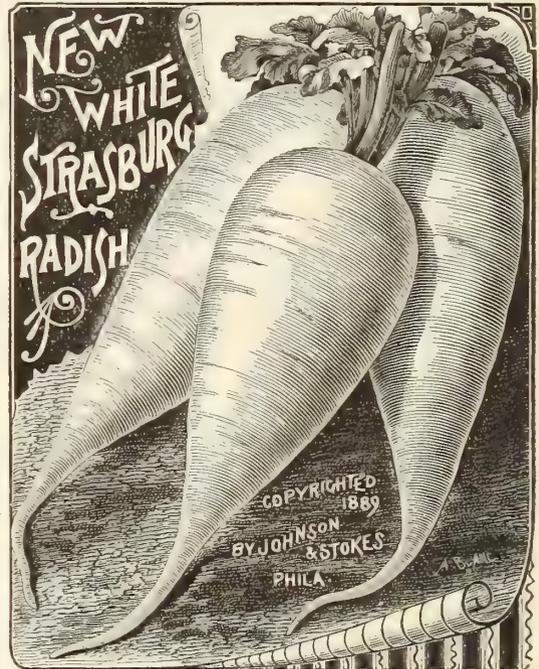
**LARGE WHITE SUMMER TURNIP, or GLOBE.** A general favorite; of large turnip shape and beautiful form, pure white skin, and flesh very crisp. Our strain of this variety is the finest known to Philadelphia and New York truckers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 5 lbs., \$2.25.

**NEW IMPROVED YELLOW SUMMER TURNIP.** This fine yellow summer radish is the result of hybridizing and many years' selection by an experienced Philadelphia market gardener. The neck is much smaller, leaves finer, flesh whiter, and of much better shape than the old Yellow Summer; always commands a readier sale at a higher figure and withstands the summer heat better. Market and private gardeners will find it a **most valuable acquisition**. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 65c.; 5 lbs., 60c. per lb.

**WHITE GIANT STUTTGART.** Will produce roots of excellent quality, and as large as winter radish, in six to eight weeks. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**NEW SURPRISE.** A variety from Spain, very early, light brown skin, pure white flesh, crisp and tender; keeps in fine eating condition without getting pithy for a long time. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**NEW CELESTIAL, or WHITE CHINESE.** Has been grown for a few years past by California gardeners, who obtained it direct from China. It should be sown in June and July, and is ready for use when three inches long and continues until nearly six inches long. It also makes a good winter radish. Flesh firm, solid, and pure white. (Crop short.) Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.



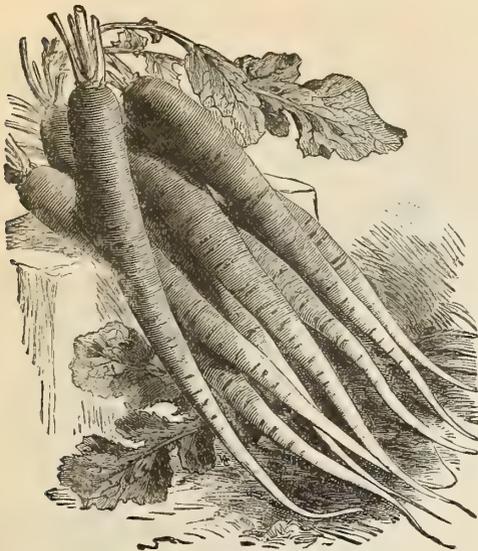
**NEW WHITE STRASBURG.** This variety is now the **most popular summer radish** grown. Of handsome oblong shape, tapering beautifully to a point. Both skin and flesh are pure white, almost transparent, very tender, and of a delightful pungent taste. It can be pulled five weeks from time of sowing the seed, yet it will continue to grow without losing its fine quality, and remain in a tender condition longer than any other summer sort. There is much **cheap and spurious seed being offered**. Procure your stock direct from the introducers, and have it reliable. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 55c.; 5 lbs., 50c. per lb.

**New Customers.**

As this catalogue will reach many who have never had our seeds, we would urge such to send us a **trial order**, no matter how small; even though you may now be satisfied with seeds bought elsewhere, we believe our **special strains** of many of the newer varieties will attract your special attention and effort, and finally be found as profitable to you as they have been to thousands of others who are now regular customers.

**Seeds of Equal High Quality Can Nowhere Be Obtained for Less Money.**





NEW CHARTIER, OR SHEPHERD RADISH.

**CHARTIER, or SHEPHERD RADISH.** A variety of the Long Scarlet, originated in Western Pennsylvania. It is exceedingly handsome and attractive, being of a deep crimson color at the top, and blending off to almost white at the bottom, as shown in illustration above. It is very tender, and remains so for a long time after attaining its growth, an important feature to the market or family gardener. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 5 lbs., \$3.00.

**Radish.—Winter Varieties.**

**CHINA ROSE WINTER.** One of the best winter varieties, bright rose-colored; flesh white, firm and of superior quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**NEW ROUND SCARLET CHINA.** A new variety of the China Radish. It may be sown at intervals from spring until autumn; matures in from six to eight weeks, and is much harder than other varieties. Valuable as a winter radish as well as for summer. In shape it is round, rich scarlet, with pure white flesh of a most agreeable flavor. Pkt., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**ROUND BLACK SPANISH.** A fine globe-shaped radish, very popular with the Germans, known as *Rettig*; good quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Long Black Spanish.** A large winter variety; one of the hardest, with dark green leaves, firm in texture; keeping until spring. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**CALIFORNIA MAMMOTH WHITE.** A winter variety growing twelve inches long; white fleshed, firm and of excellent quality. It is the largest radish grown, called by some the Mammoth Russian. Pkt., 5c.; oz., 10c.; lb., 75c.

**LARGE WHITE SPANISH, WINTER.** Roots long, top-shaped, or sometimes fusiform, retaining their diameter for two-thirds their length, sharply conical at the base, and when full grown, measuring seven or eight inches in length, and about three inches in diameter. Skin white, slightly wrinkled, sometimes tinged with purple where exposed to the sun. Flesh white, solid and pungent, though milder than the Black Spanish. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Rhubarb (Pie Plant).**

One ounce will produce about one thousand plants.

**Large Victoria.** An excellent cooking variety. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Rhubarb Roots. EXTRA EARLY, or STRAWBERRY and LARGE VICTORIA.** Each, per root, 20c.; doz., \$1.50; 100, \$6.00; by mail, post-paid, 30c. each, or \$2.50 per doz.

**Sorrel.**

**Large-Leaved Garden.** Cultivated for its acidity, and much used in salads. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.

**Salsify (Oyster Plant).**

One ounce will sow about sixty feet of drill.

**MAMMOTH SANDWICH ISLAND.** This new Salsify, first introduced from the Sandwich Islands, grows fully double the size of the Long White, and is superior in quality. It is pure white in color and is invaluable to market gardeners. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.40.

**Long White.** The old favorite variety; the tops can also be used in the spring, dressed like asparagus. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**Scorzonera, or Black.** Pkt., 10c.; oz., 25c.; lb., \$2.50.

**Spinach.**

One ounce will sow one hundred feet of drill. Twelve pounds will sow one acre.

Market gardeners desiring to purchase by the bushel will be given special prices on application.



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PARISIAN LONG STANDING SPINACH.

**New Spinach—Parisian Long Standing.**

This new French Spinach has been thoroughly tested by ourselves and many of our best market gardeners, and is pronounced by all the best Spinach they have ever grown. It differs from the ordinary long standing in its broad and heavy dark green leaves, which have the true Savoy appearance. It will stand fully two weeks longer than this or any other variety without running to seed, making it by far the most valuable for spring planting. For wintering over it has proven hardier than the famous American Savoy or Bloomsdale, coming out from under the snow with its dark, broad, green leaves in prime condition. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.; 10 lbs. and over, 35c. per lb., by express.

**AMERICAN ROUND-SEEDED SAVOY, or BLOOMSDALE SPINACH.** Our Celebrated Philadelphia Stock. We guarantee our superior home-grown strain to possess every important quality that makes this valuable sort so popular. The leaves are large, thick, finely curled, heavy, are produced in great numbers, and stand handling and transportation better than any other sort. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 25c.; 5 lbs., \$1.00; 10 lbs. and over, 28c. per lb.

**NEW VICTORIA.** A variety introduced from Germany, where it stands in high favor. Leaves very dark green, almost black, very thick and spread out flat upon the ground. It is a long standing variety, but not very hardy, and is therefore valuable only for spring sowing. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 35c.; 5 lbs. and over, 30c. per lb.

**ENKHUIZEN, LONG STANDING.** This genuine long standing spinach was imported and introduced by us several years ago. We have often seen it stand so long that the leaves actually turned yellow before shooting to seed, hence its great value for spring sowing. The leaves are round, large, unusually thick, deeply curled and of a fine dark green color. Our stock is grown in Holland especially for us. This variety is superior to the ordinary Long Standing offered in many catalogues. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 25c.; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

**NORFOLK SAVOY.** A large curled variety, with thick, fleshy leaves. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 25c.

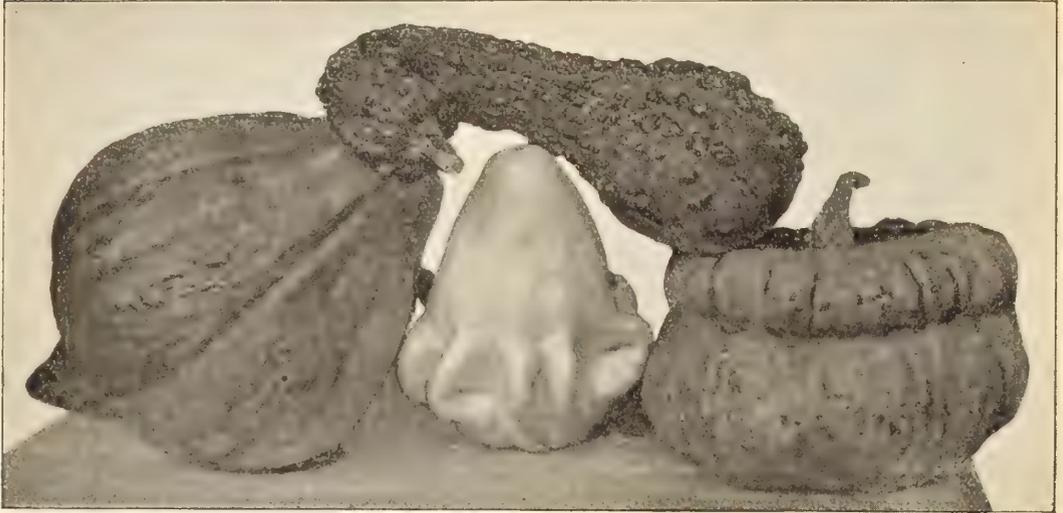
**LONG STANDING PRICKLY** This new variety is very hardy, and a wonderful improvement on the old prickly spinach. It is one of the best for spring sowing, and is equally desirable for summer. It gives a large weight of thick, tender leaves, and remains a long time in condition for use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 25c.; 10 lbs. and over, 23c. per lb.

**NEW ZEALAND SPINACH. (*Tetragonia Expansa*.)** Produces leaves in great abundance throughout the entire summer, succeeding where the ordinary spinach would not even grow. Sow in May where the plants are to stand. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**PARIS LONG STANDING SPINACH, THE HARDIEST AND BEST.**

HENRY SANDER, Paducah, Ky., January 1, 1895, writes: "Your Paris Long Standing Spinach is most excellent; too much cannot be said in its praise; it stood over twelve weeks without running to seed. It is by far the hardiest and best we have ever grown."

## PHOTOGRAPH OF FOUR EXCELLENT SQUASHES.



BOSTON MARROW.

LONG GREEN CROOKNECK.  
WHITE PINEAPPLE.

ESSEX HYBRID, OR WARREN.

### Squash.

One ounce will plant twenty to forty hills, according to size of seed. Four to six pounds will plant one acre.

**NEW MAMMOTH WHITE BUSH, SCALLOPED.** An improved strain of the well-known White Bush, or Patty Pan Squash, growing uniformly to twice the size. They ripen early; skin a handsome white color, and wonderfully productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**EARLY WHITE SCALLOP BUSH, or PATTY PAN.** A popular variety, grows to large size, and bears an abundant crop. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

**Early Golden Bush.** Similar to the preceding, but of a deep orange color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**NEW GOLDEN CUSTARD, or MAMMOTH YELLOW BUSH.** The largest of all the scalloped sorts, attaining a diameter of two feet under good cultivation, and very productive. Color, deep golden yellow, unsurpassed in quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**NEW GIANT, or MAMMOTH SUMMER CROOKNECK.** This new squash is not only earlier than the common variety, but grows uniformly to twice the size, frequently over two feet long. What few have been grown for market thus far have realized the growers a handsome profit, selling "three to one" compared with the old sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**LONG GREEN SUMMER CROOKNECK.** It seems strange that this valuable squash should be so little known outside of Philadelphia market gardeners, who grow it largely with great profit, as it is preferred to all other summer squashes in our markets. They have a dark green skin, slightly striped with lighter shades of green and yellow, are very productive and of the finest quality. As a squash for frying they are unequalled, being superior in flavor to egg-plant. They are also delicious when made into fritters. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

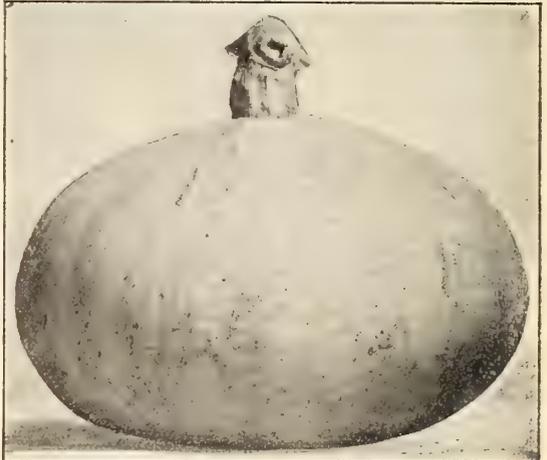
**WHITE PINEAPPLE.** This new variety has attracted much attention, owing to its peculiar shape. The skin and flesh are of a pure creamy white color, flesh fine grained and of excellent flavor, resembling the coconut when made into pies or custards. They can be used any time during growth, and after maturing make an excellent autumn and winter sort. They are remarkably strong growers, each vine producing generally from ten to fifteen perfect fruits. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**HUBBARD.** A general favorite and one of the best table varieties; of large size, flesh fine grained, dry and of excellent flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**SIBLEY, or PIKE'S PEAK.** The shell is pale green in color, very hard and flinty, but so very thin and smooth as to occasion the least possible waste in baking. The flesh is solid and thick; a vivid brilliant orange color, dry and of a rich, delicate flavor. They range in weight from eight to eleven pounds. Vine remarkably vigorous, and ripens its fruit simultaneously with the Hubbard. In productiveness the new Sibley Squash is decidedly superior to both the Hubbard and Marblehead, and ripens its fruit so evenly that nearly the whole crop may be gathered at one picking. In its keeping qualities it excels, remaining, in a good dry cellar, perfectly sound until the last of March. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb. 4c.; 5 lbs. and over, 35c. per lb.

**NEW WHITE CHESTNUT.** The outside skin of this distinct new variety is creamy white, the flesh lemon yellow, fine grained, sweet and most excellent in quality, suggesting the flavor of a boiled chestnut. The size and form are much like the good old original Hubbard, fully equalling it in great productiveness and keeping qualities. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

**BOSTON MARROW.** Extensively grown and most profitable for winter use and canning. Flesh orange, fine grained; splendid for pies and as a winter keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c.; 5 lbs. and over, 35c. per lb.



PHOTOGRAPH OF THE NEW SWEET NUT SQUASH.

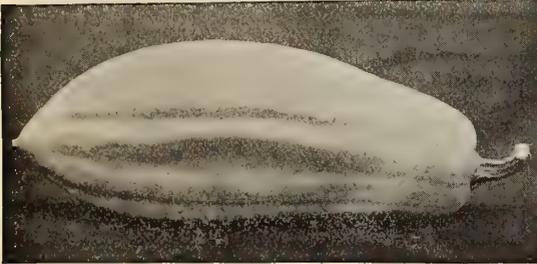
### THE SWEET NUT SQUASH.

This new squash originated with Mr. Paynter Frame, of Delaware, who has been instrumental in getting up many valuable new varieties. Mr. Frame says it is the only squash that is absolutely **borer-proof**, the squash-borer having never been known to touch it, even when all other varieties were affected. The accompanying photograph fairly represents its fine medium size and form, as many as eight having been grown on a single vine. When only half grown and cooked green, as summer squashes, they are dry, fine flavored, and most delicious eating. Cut in slices and fried, like egg-plants, they can hardly be distinguished from that excellent vegetable, but their **greatest value consists in being used as a winter squash.** When pulled before frost, laid away in a dry room or cellar, they will keep sound and sweet the whole winter through. For making pies, custards, etc., their beautiful yellow flesh possesses a dry, rich, sweet flavor, even without the use of sugar. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**THE FAXON SQUASH.**

This new squash, originally from Brazil, is highly praised by all who have grown it. We have made a thorough trial of it on our grounds at Floracraft, and find considerable variation in color in the different shades of green and orange. To compensate for this apparent admixture, which is, of course, to some extent a detriment, we find it wonderfully prolific and unsurpassed in table and keeping qualities. Mr. E. L. Coy, of Washington County, New York, well known as a large squash grower and a veteran authority on such subjects, writes of it as follows: "I have had the Faxon Squash in my hands ever since its sale by B. K. Bliss. The difference in color is evidently a permanent characteristic of the variety, as all attempts to improve it in that direction have been failures. I find it to be the most productive of any variety of winter squash that I have ever tested. It is also the best keeper, as well as the very best table variety that I have ever seen. Unlike all other kinds, they are all dry and rich without regard to size, color or time of ripening. Its strong characteristics are earliness, long keeping qualities, very superior table qualities." Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**EARLY PROLIFIC ORANGE MARROW.** This variety ripens two weeks ahead of the Boston Marrow, and excels it in productiveness and keeping qualities. Of very handsome color, medium in size, sweet flavor, with thick, high-colored orange flesh, fine grained and dry when cooked. Growing very quickly, it does well when planted as a second crop, following early peas, potatoes, etc. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; 5 lbs. and over, 50c. per lb.



PHOTOGRAPH OF FORDHOOK SQUASH.

**FORDHOOK.** A new winter squash of excellent quality for winter use; shape as shown in above photograph. Flesh very sweet and dry. Ripens early and is well adapted to the far North. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c.

**8 Popular Squashes.**

Large Packets, 5 cents each.

	Per oz.	¼ lb.	lb.
Mediterranean, . . . . .	10	25	75
Island Prize, . . . . .	10	30	1.00
Small Cocoonut, . . . . .	10	25	75
Red China, . . . . .	10	25	75
Golden Summer Crookneck, . . . . .	10	20	65
Essex Hybrid or Warren, . . . . .	10	20	65
Bay State, . . . . .	10	25	75
Mammoth Chili, . . . . .	10	35	1.15



**NEW STONE.** This tomato comes from Mr. Livingston, the originator of the Paragon, Favorite, Beauty, Acme and Perfection. It ripens for main crop; is very large and of bright scarlet color; very smooth; with occasionally a specimen very slightly octagon shaped; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed (as its name indicates); is an excellent shipper; quality the very best; fine for canning; a good keeper; without hard core; not subject to rot; its appearance on market remarkably attractive; a heavy variety; its vines and foliage rank and robust, heavily loaded. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

**JOHNSON & STOKES' EXTRA EARLY TROPHY.** This variety was first discovered in a patch of the well-known Trophy, where it ripened nearly two weeks ahead of Trophy, which it resembles, but it ripens much earlier. It is of a deep red color and very productive, growing to a good size, and does not show the least trace of rotting in its early stage of growth, as others do. The tomato is firm, slightly lobed and has very few seeds. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

**EARLY MARKET CHAMPION.** This valuable tomato originated with a prominent Philadelphia market gardener, who has for many years made the selection and improvement of the tomato a specialty. He has always had extremely fine, large tomatoes in the market very early, and realizing handsome prices for his crop. His aim has always been to combine earliness with large size and perfect, smooth shape. There is no other purple tomato cultivated that will ripen so early or produce more bushels of large, handsome fruit to the acre than the Market Champion. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

**VOLUNTEER.** This tomato originated on Long Island. They grow to a large size, averaging six to ten ounces, very smooth and perfect in form; color bright red, with little core and very early. The quality is very superior for table use and canning. Enormously productive, ripening well to the stem. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**THE BRANDYWINE** Since our introduction of it some years ago, this magnificent tomato has met with very large sale in all sections of the country. Many pronounce it the best main crop tomato they have ever grown. The vines grow vigorously and produce abundantly and continuously until killed by frost. Foliage a very dark green. The skin is remarkably tough, and the tomatoes keep a long time after being pulled, making them an excellent market and shipping variety. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.75.

**THE IGNOTUM (Unknown).** This new tomato was first discovered at the Michigan Agricultural College, in 1887, by Prof. L. H. Bailey, being a sport from a foreign variety under test. In our tests we find it earlier than Dwarf Champion, growing to very large size and remarkably smooth, regular in size and very solid. It is of handsome deep red color. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**NEW BUCKEYE STATE.** This new tomato is one of the largest of all the New sorts, fully one-half larger than the well-known Beauty. It is also a very heavy cropper, the tomatoes being borne in clusters of four to eight fruits. The color is much the same as Beauty, if anything a little darker, very solid, meaty, heavy and of the finest quality. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**LIVINGSTON'S ARISTOCRAT.** We obtained seed stock of this new variety direct from Mr. Livingston, and find it one of the very best varieties Mr. Livingston has ever put out. The Aristocrat was much admired by all who visited Floracraft last summer, attracting attention on account of its very erect and strong, heavy vine, loaded down with handsome red fruits of magnificent size and finest quality. Pkt. 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.



One ounce will produce about thirteen hundred plants.

For years we have made a careful study of growing the very best tomato seed. All tomatoes showing the slightest variation from the standard type are rigidly discarded, thus securing the purest possible seed. Our long experience and great care enables us to furnish a prime article of this important seed to market gardeners, and to retain the patronage of all who deal with us.

**THE LIBERTY BELL.** Very fine and early. (See illustration and description under Novelties, page 15.) Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

**NEW FORTUNE.** The best second early tomato, now offered for the first time. (See Novelties, page 15.) Pkt., 15c; oz., 65c; ¼ lb., \$1.75; lb., \$6.50.

**EARLY MICHIGAN, or RED APPLE.** An extremely smooth and perfectly shaped tomato, as shown in our illustration. Very early, ripening its first fruits a few days after Atlantic Prize. Vines large, with large dark green leaves; vigorous and wonderfully productive, fruit medium size to large, and, unlike most varieties, growing larger as the season advances. Solid, without any core, deep rich red color, and of excellent flavor. Admirably adapted to canners' use. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

# Atlantic Prize.

**The Best and Most Popular First Early Tomato.**

Since we first introduced our Atlantic Prize Tomato, in 1889, it has rapidly popularized itself, and has now become the leading first early tomato in cultivation. Thousands of acres are now annually planted in this variety from Maine to Texas. The vines grow strong, stiff and very rapidly, setting the crown fruit when quite young, the buds appearing before the plant is four inches high. The fruit is borne in immense clusters. Each vine produces from sixty to eighty large perfect tomatoes, very solid and of the finest quality, being unusually free from core and seeds. Another great feature, besides extreme earliness, and one which must prove of great advantage to all tomato growers and market gardeners, is that when first fruiting it ripens more evenly and abundantly than any other tomato grown. It is by far the most valuable first early market variety ever introduced. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.



PHOTOGRAPH OF ATLANTIC PRIZE TOMATOES, AS THEY APPEAR FOR SALE ON FRUIT STANDS, ETC., DURING THE SPRING MONTHS.

**LIVINGSTON'S ROYAL RED.** Royal Red is a first-class main crop variety for the shipper, market and private gardener, and of special value to the canner and catsup maker. Of late years quite a demand has sprung up for a tomato without any purple tinge and of a deeper red than any variety now on the market, and the beautiful red color of both skin and flesh of Livingston's Royal Red is what is desired. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**DWARF CHAMPION.** A very distinct variety. Its close upright growth allows it to be planted closer together than other varieties. The fruit resembles the Acme, is of a purplish pink color and always smooth and symmetrical in form. It is of medium size and attractive in appearance; the skin is tough and the flesh solid and of fine quality. A very shy seeder. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**THE MIKADO, or TURNER HYBRID.** This variety, also called the \$1600 Tomato, is entirely distinct. The foliage differs from other tomatoes, the large leaves being entire and not cut. It is a rank grower, with thick stalks, and enormously productive. The fruit is extra large in size, round, smooth, very thick through and remarkably solid. The average weight of the tomatoes is from twelve to eighteen ounces. They ripen up evenly and are entirely free from core. The skin is thin, but rather tough, consequently the tomatoes keep in fine condition much longer than most other varieties. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**THORBURN'S LONGKEEPER.** This new tomato originated with MR. E. S. CARMAN, editor of the *Rural New Yorker*, who writes:

"About thirteen years ago I raised all the kinds of tomatoes popular at that time. Six of each were selected the same day, of apparently the same stage of maturity, and of a bright red color, as well as of the largest size and shapeliest form. These were kept in a darkened room until all were more or less decayed. From the last one to decay I selected seeds, which were planted the next year. Careful selections have been made every year since, always with a view to increasing their long-keeping qualities, uniformity in shape, earliness in ripening, as well as the productiveness of the vines." Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**LIVINGSTON'S BEAUTY.** A popular variety. The color is a glossy crimson, with a purple tinge; it grows in clusters of four and five, retaining its large size late in the season; very solid, with a tough skin, making it very desirable for shipping. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**CHEMIN MARKET.** This new tomato was originated by Mr. Chemin, the noted Paris gardener. It has been grown with great success in nearly all sections of the United States, and is distinct in form, being apple-shaped, and bearing its fruits in bunches of ten to twelve. Color bright scarlet, solid and finest flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

**LIVINGSTON'S POTATO LEAF.** A fine market tomato, remarkable for its great firmness and solidity. It is named *Potato Leaf* from its very peculiar leaf, which is whole, not cut or serrated like the ordinary kinds. In this respect it resembles the *Mikado*, or *Turner Hybrid*. While the fruit is not quite so large as these, it is far smoother. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**LIVINGSTON'S PERFECTION.** This valuable variety comes from the same source as the *Acme* and *Paragon*. It is shaped like the *Acme*, larger, fully as early, perfectly smooth, blood red in color, very solid, and a heavy cropper. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**SELECTED EARLY PARAGON.** Very solid, dark red color, heavy foliage, a favorite market variety; excellent for canning. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**SELECTED EARLY ACME.** Ripens evenly, of medium, uniform size, round, very solid, and of a pink purplish color; very productive, bearing until killed by frost. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

**LIVINGSTON'S FAVORITE.** An early variety; somewhat smoother than the *Paragon*. Does not crack after ripening, is of a darker red than the *Perfection*, and is larger than either. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**THE PEACH TOMATO.** Almost identical with some forms of peaches, both in shape and color. The fruit is produced in clusters, is very solid, with red interior, and red, pinkish and green blush on the outside skin, which can be easily peeled, like the skin of a peach. For preserving, is hard to beat. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

## 12 POPULAR TOMATOES.

Large Packets, 5c. each.

	Per oz.	¼ lb.	lb.
The Trophy, . . . . .	20	60	\$2 25
New Queen, . . . . .	20	60	2 00
The Cumberland Red, . . . . .	25	75	2 75
The Matchless, . . . . .	25	75	2 50
The Ponderosa, . . . . .	50	1 50	
Early Ruby, . . . . .	20	60	2 25
Lorillard, . . . . .	20	50	1 75
Red Cherry, . . . . .	25	75	2 50
Yellow Plum, . . . . .	20	60	2 25
Shah, or Golden Mikado, . . . . .	15	40	1 50
New Rose Peach, . . . . .	30	80	
Strawberry, or Winter Cherry, . . . . .	20	60	2 00

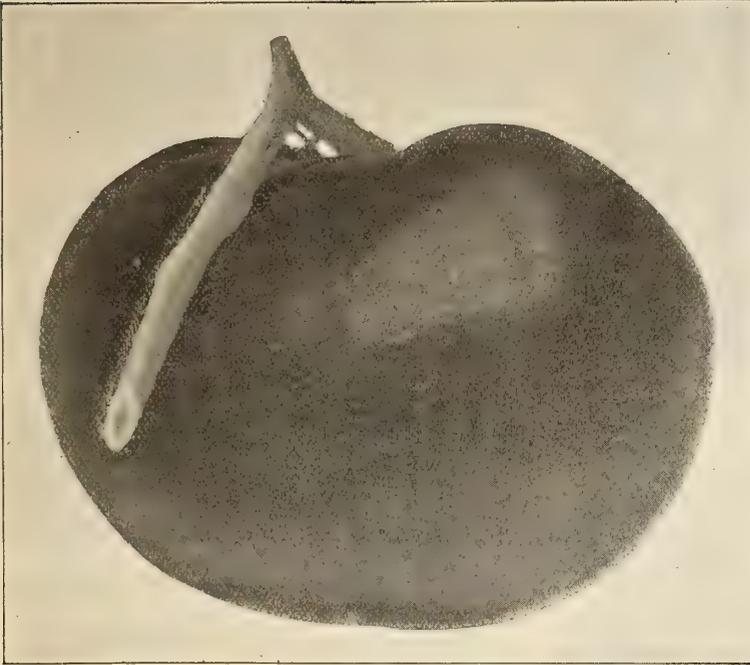
### WHAT OTHERS SAY OF THE FORTUNE TOMATO.

See illustration and description under *Novelties*, page 15.

JOHN W. PAYNE, Millersburg, Ky., October 20, 1895, writes: "The New No. 100 (Fortune Tomato), out of sixty kinds planted, proved to be the best of them all. It is the smoothest, most productive and most vigorous grower, holding its large, even size to the top of the vine—undoubtedly the best tomato in cultivation."

A. M. FAIRHURST, Emison, Knox County, Ind., August 28, 1895, writes: "Your New Tomato No. 100 (The Fortune), sent me last spring, is a beauty; it is a great grower, stands up well, and bears enormously of large, smooth fruit of excellent quality. It is medium early, a fine shipper, a long keeper, and the best all-around tomato ever grown here."

## The Great B. B. (Brinton's Best) Tomato.



This new variety was originated by Thomas H. Brinton, the veteran tomato specialist, who has probably tested more new tomatoes than any other man in the United States. Since our introduction of it in 1893, it has met with very large sale in all sections, and out of hundreds of unsolicited testimonial letters received, there is not one who does not pronounce it "the very best second early and main crop tomato they have ever grown." The photograph of an average specimen taken from our patch will give some idea of their magnificent size and handsome smooth shape. The vines grow vigorously and produce abundantly until killed by frost. They keep a long time after being pulled, and attract great attention owing to their beautiful deep red color and uniformly even large size and perfect, smooth shape. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 90c.; lb., \$3.25.

AN AVERAGE SPECIMEN OF THE GREAT B. B. (BRINTON'S BEST) TOMATO.

### Turnip.

One ounce will sow one hundred and fifty feet of drill, one to one and one-half pounds will sow an acre.

**EXTRA EARLY PURPLE-TOP MILAN.** (Strap-Leaved.) This new variety has proven to be the earliest and handsomest flat turnip in cultivation. No other variety can equal it for spring sowing. It is of medium size and flat shape, with bright purple top; pure white flesh, of excellent flavor, never bitter, small top, and a good keeper. It is a very shy seeder, hence true stock must be always high in price. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**EXTRA EARLY PURPLE-TOP MUNICH.** This handsome turnip is entirely distinct from any other variety, growing entirely above ground; pure white, with a bright purplish-red top, and few leaves, flesh fine and of good flavor when young. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**EARLY RED-TOP WHITE GLOBE.** A very early and attractive variety; very productive; white flesh of fine quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

**EARLY WHITE FLAT DUTCH.** An early white fleshed variety, usually sown early in the spring; of quick growth, juicy, mild flavor, and excellent quality; also grown for a fall crop. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

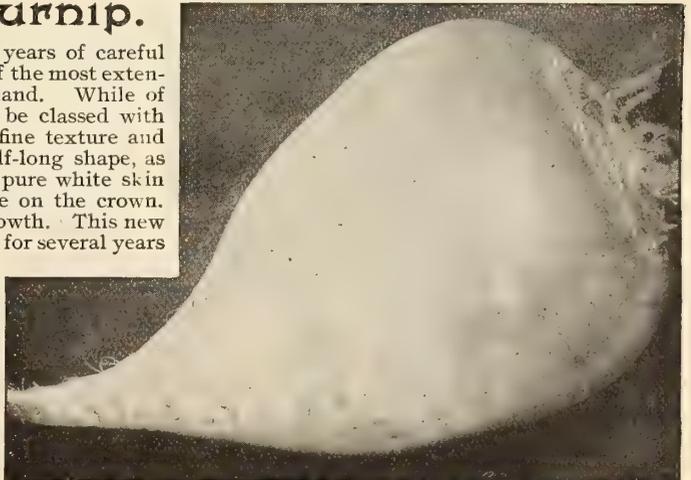
**PURPLE-TOP FLAT.** (Strap-Leaved.) This variety is similar to the above, excepting it is red or purple above ground. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.

**EARLY WHITE EGG.** A new, early, white, egg-shaped variety for early or fall sowing; fine grained, sweet, an extra keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**GOLDEN BALL, or ORANGE JELLY.** A rapid grower, of excellent flavor, bright yellow, a good keeper, a superior table variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c.

### The Budlong Turnip.

This new strain is the result of years of careful selection made by Mr. Budlong, one of the most extensive market gardeners of New England. While of Ruta-Baga form, it well deserves to be classed with the best table turnips, owing to its fine texture and extra high quality. It is of fine half-long shape, as shown in our photograph herewith, pure white skin and flesh, with faint shade of purple on the crown. Medium in size and of very quick growth. This new turnip has had a great local reputation for several years in a few towns in New England, where gardeners would pay almost any price to obtain seed in seasons when scarce. Hundreds of gardeners, who have grown it on our recommendation, pronounce it the best table turnip for both spring and winter use, of any they have ever had. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 5 lbs. and over, 70c. per lb.



THE BUDLONG OR BREADSTONE TURNIP.



NEW SCARLET KASHMYR TURNIP.

**SCARLET KASHMYR.** This entirely new and distinct variety we have imported from France. Its handsome shape is well shown in the illustration above, the outside skin being of a beautiful deep scarlet color; wonderfully early, and of the finest table quality. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**YELLOW ABERDEEN.** Hardy, productive, a good keeper, globe shape, good for table use or feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**YELLOW, or AMBER GLOBE.** Flesh firm and sweet; grows large, excellent for either table use or feeding stock; keeps well. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**MYER'S PURPLE-TOP BEAUTY RUTA-BAGA.** This new variety is of American origin. It is undoubtedly the finest Swede to be obtained, whether for market garden or stock feeding. The root is smooth and beautiful. The flesh is golden yellow, fine grained, solid, sweet, and very nutritious. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; 5 lbs., \$3.50.

**LONG ISLAND PURPLE-TOP RUTA-BAGA.** A new sort originated on Long Island, and largely grown for New York markets. It grows to very large size, and of first quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**PURPLE-TOP YELLOW RUTA-BAGA.** The leading market variety, and largely grown for stock, as well as family use; hardy, productive, solid, sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.; 5 lbs., \$2.00.

**Seven-Top, or Forrester.** Grown extensively in the South for its abundant leaves, which are boiled with meats. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**WELL-KNOWN TURNIPS.**  
Large Packets, 5c. each.

	Per oz.	¼ lb.	lb.
Pomeranean White Globe, . . . . .	10	15	50
Large White Norfolk, . . . . .	10	15	50
Cow Horn, or White French, . . . . .	10	15	50
Large White Ruta-Baga, . . . . .	10	20	60

**VEGETABLE PLANTS.**

**CABBAGE PLANTS (Cold Frame).** Ready March and April. Johnson & Stokes' Earliest, Johnson & Stokes' Market Gardeners' No. 2, Early Summer, Jersey Wakefield, Early Winningstadt. 75c. per 100; \$5.00 per 1000.

**CABBAGE PLANTS (Hot Bed).** Same varieties as above, ready after April 1st. 50c. per 100; \$4.00 per 1000.

**CABBAGE PLANTS (Field Grown).** Ready July 1st. Late Drumhead, Matchless Flat Dutch, Hard Heading Savoy and Short Stem Drumhead. 30c. per 100; \$2.50 per 1000.



ROSE MUSCATEL TOBACCO.

**Tobacco Seed.**

**PERSIAN ROSE MUSCATEL.** Imported from Hungary, where it is regarded as the very best. It possesses a delicious Turkish or Rose perfume. Leaves are of a medium size and regular. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00; lb., \$3.00.

**CONNECTICUT SEED-LEAF.** Saved from selected plants. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**HAVANA.** Imported seed. Pkt., 10c.; oz., 40c.; lb., \$1.00.

**General Grant, Pennsylvania, or Lancaster (Broad-leaf), Gold Leaf,** each, pkt., 10c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.25.



**SEEDS OF POT AND SWEET HERBS.**

Those marked with a \* are perennial, and, when once obtained in the garden, may be preserved for years.

**ANISE,** pkt., 5c.; oz., 10c. \* **Balm,** pkt., 10c.; oz., 25c. **Basil, Sweet,** pkt., 5c.; oz., 20c. **Borage,** pkt., 5c.; oz., 20c. **Catnip, or Catmint,** pkt., 10c.; oz., 40c. **Coriander,** pkt., 5c.; oz., 10c.; ¼ lb., 25c. \* **Caraway,** pkt., 5c.; oz., 10c.; ¼ lb., 25c. **Dill,** pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c. \* **Lavender,** pkt., 10c.; oz., 25c. **Marigold, Pot,** pkt., 5c.; oz., 15c. \* **Fennel,** pkt., 5c.; oz., 10c. **Hyssop,** pkt., 10c. \* **Horehound,** pkt., 10c.; oz., 30c. \* **Marjoram, Sweet,** pkt., 5c.; oz., 20c.; lb., \$2.00. **Opium Poppy,** pkt., 5c.; oz., 25c. \* **Rosemary,** pkt., 10c.; oz., 35c. \* **Rue,** pkt., 5c.; oz., 15c. **Saffron,** pkt., 10c. **Sage,** pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00. **Savory, Summer,** pkt., 5c.; oz., 15c.; ¼ lb., 40c. \* **Savory, Winter,** pkt., 5c.; oz., 20c. \* **Tansy,** pkt., 10c.; oz., 30c. **Thyme,** pkt., 10c.; oz., 30c.; ¼ lb., 80c. \* **Wormwood,** pkt., 5c.; oz., 25c.

**Fruit Seeds.**

Remit for postage 8c. per pound, or 15c. per quart, when ordered to be sent by mail.

**Peach Pits,** Pure Southern, natural or seedling, qt., 15c.; bush., \$1.50. **Apple Seed,** lb., 25c.; bush., \$5.00. **Apricot Pits,** oz., 10c.; lb., 50c. **Plum Pits,** qt., 50c.; bush., \$10.00. **Pear Seeds,** French imported, oz., 15c.; lb., \$1.50. **Quince Seed,** oz., 15c.; lb., \$1.50.

**THAT GROW INTO DOLLARS**

For the Professional Market Gardener, will grow the very **Choicest Vegetables and Flowers** in the home garden. Our determination to grow only such seeds has increased our business to its present **large proportions,** and gained for us the largest trade enjoyed by any other house in America, direct with critical market gardeners.





Fully appreciating the great importance to the farmer of **GOOD FIELD CROPS**, we have given particular attention to this department of our business, and have made the **SELECTION AND IMPROVEMENT OF FARM SEEDS** a specialty, exercising great care to secure the best varieties, thoroughly cleaned and of the finest possible quality.

## JOHNSON & STOKES' NEW GIANT BEAUTY FIELD CORN.

In the new **Giant Beauty** we have a very valuable and long-sought-for variety, viz.: A very large ear and grain, yet a very early Yellow Dent Corn. **Giant Beauty** is a cross between Cloud's Early Dent and Golden Beauty, possessing the **earliness and Deep Grain** of the former, with the **handsome deep yellow color** and breadth of grain of the latter. It is absolutely the **largest grained of all yellow corn**. Its small red cob and great depth of grain are well shown in the accompanying illustration made from an average ear. Its rich, deep golden color and fine quality of grain make it very superior for grinding into meal, and indicate its strong, nutritive qualities. It is a very vigorous grower, taking strong hold in the ground and averaging eight feet in height, producing two large ears, well filled to the extreme ends of the cob, even on light and poor land. **Giant Beauty** presents the **most perfect type** of Yellow Field Corn ever introduced. Pkt., 10c.; ear, 25c.; lb., 30c.; 3 lbs., 75c., post-paid, by mail; by express or freight, peck, 70c.; bush., \$1.60; sack of 2 bush., \$3.00; 10 bush. and over, \$1.40 per bush.

## NEW FIELD CORN—DELAWARE DENT.

For some years Delaware and Chester, adjoining counties in Pennsylvania, have given the largest yields of corn per acre of any district in the United States. This variety, although quite new, is already very popular there, and is regarded as the most productive of any corn grown in these counties; ears large, grain bright yellow and of great depth, maturing in 110 to 120 days from planting. It is one of the best. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; peck, 70c.; bush., \$2.00; sack of 2 bush., \$3.75, by freight.

## IMPROVED LEAMING CORN.

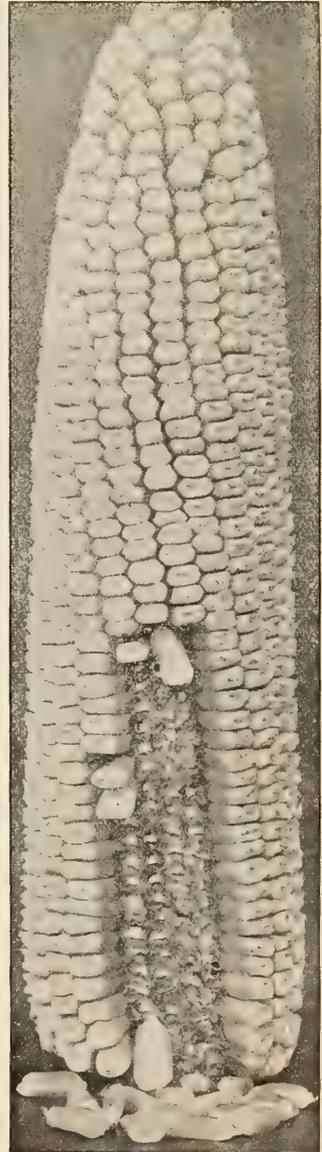
Previous to our introduction of **The 100-Day Bristol Corn**, the Improved Leaming has been considered the earliest Yellow Dent in cultivation. The ears are **large and handsome**, with **deep grain**, of deep orange color and small red cob. Stalks grow to medium size (not large) with few suckers, producing two good ears to each stalk; husks and shells easily. One hundred and thirty-six bushels shelled corn have been grown to the acre on good corn ground. It is also adapted to a greater variety of soils than other varieties, producing unusually well on light or heavy land, where other varieties would not thrive. Prices by mail, post-paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c.; by freight or express, bags included, qt., 15c.; peck, 50c.; bush., \$1.25; 10 bush. and over, \$1.10 per bush.

## WHITE CAP YELLOW DENT CORN.

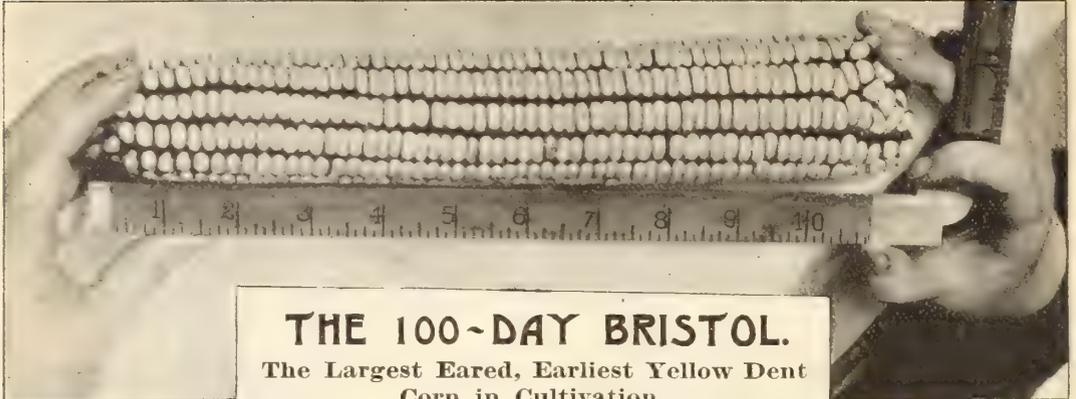
The originator, Mr. C. S. Clark, of Ohio, makes the following strong claims for this new corn: "It combines more solid merit than any other early corn, for it grows larger ears and is a better sheller and from one week to ten days earlier, and on poor thin soil will out-yield others by at least thirty per cent. The tip ends of the grains are white, the inside yellow, making it of beautiful color both on cob and when shelled." Expert corn growers pronounce it a perfect field corn, as to yield, size of ears, color, size of cob and growth of fodder. No corn in the world will yield as well on poor thin land, while on strong rich land it is wonderfully productive. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; qt., 15c.; peck, 60c.; bush., \$1.50; bag of 2 bush., \$2.75; 10 bush. and over, \$1.35 per bush.

## RED COB ENSILAGE CORN.

This new and superior ensilage corn we can recommend as the **heaviest cropping variety** in cultivation, producing fifty to seventy-five tons per acre. It has been thoroughly tested in all dairy sections of the country. It is a pure white Dent Corn of large size and handsome appearance, growing on a red cob. The fodder is sweet, tender, juicy, and said to contain more nourishment than any other variety. It grows thirteen to fourteen feet in height. Peck, 40c.; bush., \$1.25; 10 bush. and over, \$1.00 per bush.



AN AVERAGE EAR OF GIANT BEAUTY



**100-DAY BRISTOL CORN.** In the 100-Day Bristol we believe we have a corn of such greater value that it will supplant even the Leaming on every farm where that variety is now grown. The 100-Day Bristol was first pointed out to us by the well-known seed farmers, Messrs. Myers & Bowman, of Bucks County, Pa., who, with a few neighbors, had been growing it to the exclusion of all other varieties, owing to its great earliness and wonderful productiveness, one hundred bushels to the acre being no uncommon yield.

Three years ago, when we first saw this corn growing in the field, with its enormous stalks and tassel, twice the height of an ordinary-sized man, and its magnificent ears, averaging about a foot in length, as shown in above photograph, we were inclined to doubt its earliness. But after a careful test by ourselves and a number of our customers, the past four seasons, we have found it cut and shocked ready for husking in ninety-five to one hundred days from the time the seed was planted. The grain is a light yellow, large and broad; the cob is small, considering the size of the ear. It will produce as much fodder and more corn than the famous Chester County Mammoth and other late varieties, which require three to four weeks longer to ripen. In fact, it is a perfect field corn in all respects. Prices of Extra Selected Seed: Pkt., 10c; ear, 25c.; lb., 30c.; 3 lbs., 75c., post-paid, by mail. By express or freight, shelled, peck, 60c.; bush., \$1.50; sack of 2 bush., \$2.75; 10 bush. and over, \$1.25 per bush.; on ear, 25 ears, \$1.25; 50 ears, \$3.00; 100 ears, \$5.00.

**FARMERS' FAVORITE DENT CORN.** This is an improved variety of the Golden Dent, which it resembles. Lb., 30c.; 3 lbs., 75c., post-paid; qt., 15c.; peck, 50c.; bush., \$1.25; 10 bush. and over, \$1.10 per bush.

**GOLDEN BEAUTY CORN.** A large and broad-grained yellow corn, maturing in one hundred and ten days from planting. Prices same as for Farmers' Favorite Dent.

**CHESTER COUNTY MAMMOTH.** Grain very large, deep and of a bright yellow color; the stalk is large, averaging from ten to fourteen feet. By mail, post-paid, pkt., 10c.; lb., 30c.; 3 lbs., 75c. By express or freight, bags included, qt., 15c.; peck, 50c.; bush., \$1.40; 10 bush. and over, \$1.25 per bush.

**CLOUD'S EARLY YELLOW DENT.** Matures early and very productive. Lb., 30c.; 3 lbs., 75c., post-paid; qt., 15c.; peck, 60c.; bush., \$1.50; bag of 2 bush., \$2.75; 10 bush. and over, \$1.35 per bush., bags included.

**EARLY MASTODON CORN.** Ear large, grain deep. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid, qt., 15c.; peck, 50c.; bush., \$1.25; 10 bush. and over, \$1.10 per bush.

**HICKORY KING CORN.** This is unquestionably the largest grained and smallest cobbled pure white Dent Corn in cultivation. Prices same as for Early Mastodon.

**BLUNT'S PROLIFIC ENSILAGE.** Also called Mammoth Ensilage. Has produced seventy tons of fodder to the acre. Peck, 50c.; bush., \$1.40; 10 bush. and over, \$1.25 per bush.

**EARLY YELLOW CANADA CORN.** Well adapted to the North and for late replanting. Qt., 20c.; peck, 50c.; bush., \$1.25.

**SUGAR CORN FOR GREEN FODDER.** Profitable as green food for milch cows. Bush., \$1.35; 5 bush. and over, \$1.25 per bush.

**SPRING VETCHES, or TARES.** A species of pea, grown extensively in England and Canada for stock, also valuable for pigeon feed. Culture same as field peas. Lb., post-paid, 25c.; qt., 25c.; bush., \$3.00; bag, 2 bush., \$5.00.

**OSAGE ORANGE.** The popular hedge plant. Lb., 40c.; peck, \$2.00; bush. of 33 lbs., \$7.00.

**FLAXSEED.** Qt., 15c.; bush., 56 lbs., about \$2.00.

**WILD RICE (*Zizania Aquatica*).** Much sought after owing to its having attractions for water fowl. Lb., post-paid, 35c.; 5 lbs., \$1.00; 10 lbs. and over, 18c. per lb.

### Mammoth Russian Sunflower.

**THE GIANT OF ALL SUNFLOWERS.** Growing to double the size of the common, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at a less expense than corn. It is highly recommended for poultry; the best egg-producing food known. The leaves make splendid fodder, much relished by all kinds of stock. The seed is good feed for horses, and yields a fine quality of oil. The strong, thick stalks are used for fuel. Oz., 5c.; qt., 15c. (qt., post-paid, 25c.); peck, 50c.; bush., \$1.50; sack, 2 bush., \$2.75.

### Jerusalem Artichoke Roots.

This variety is not produced from seed. They are sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock. They are the best hog food known. They are remarkable for their fattening properties, great productiveness (over one thousand bushels having been grown on one acre), and ease with which they can be grown. They need not be dug; the hogs should be turned in on them, and will help themselves by rooting. One acre will keep from twenty to thirty hogs in fine condition from October until April, except when the ground is frozen too hard for them to root. They are also said to be a preventive of cholera and other hog diseases; and they are also highly recommended for milch cows, increasing the yield of milk

and at the same time improving their condition. Three bushels will seed an acre. They should be cut the same as potatoes, one eye to a cut being sufficient, planted in April or May, in rows three feet apart and two feet in the rows, and covered about two inches deep. They can be shipped at any time during the season, as they are not injured by freezing. Lb., 35c.; 3 lbs., \$1.00, post-paid. By freight or express, peck, 80c.; bush., \$2.50; bbl. of 3 acre), (enough for one acre), \$6.50.

**Weber's Improved Evergreen.**  
Best and purest Broom Corn in Cultivation.

This is the best and purest in cultivation, originated and selected by Mr. Geo. Weber, one of the largest growers of Montgomery County, Pa., who has for many years had the reputation of having the best in the State, having made his stock famous by selection and improvement for length, strength and straightness of brush. It is of a very bright green color without the slightest reddish tinge. It makes by far the best brooms of any corn grown; height seven to eight feet. Qt., 30c.; peck, \$1.00; bush., \$3.00; 2 bush., \$5.50.







A SINGLE HEAD  
OF  
WHITE  
MAINE  
OATS

## New White Maine Oats.

Our attention was first called to this new Oat by Mr. A. F. Dibble, one of the most successful growers of seed oats and potatoes in the North. They are not what we would class as a heavy oats, weighing from 35 to 38 pounds to the bushel, but owing to their very thin hull we believe them the most valuable oats for horse-feed that can be grown. The straw is very short and stiff, standing up on any soil. As to yield, Mr. Dibble says: "On my own farm, a measured field of 13 acres yielded 91½ bushels of cleaned oats per acre. The same season my brother-in-law raised 4 acres, of course on a pet piece of land, that cleaned up 406 bushels, or 101½ bushels per acre for the four acres." One striking peculiarity is that invariably there are two oats in each hull or chaff. In extensive trials this season the yield was 20 per cent. greater than other varieties grown under same conditions. Large pkt., 10c.; lb., 30c.; 3 lbs., 75c., by mail, post-paid; peck, 50c.; bush., \$1.25; bag of 2½ bush., \$3.00; 10 bush. and over, \$1.15 per bush.; sacks free.

## The Lincoln Oats.

This new oats was first introduced in 1893 and largely sold in all sections of the country, giving wonderful results. The three largest yields reported, which were grown in competition for the cash prizes offered, were 174, 163 and 123 bushels from a single bushel sown. It is therefore unquestionably one of the most productive. It is also very early and has so far proven entirely rust-proof. Straw is stiff and strong, standing up. The grain is very handsome and valuable for feeding, on account of its thin hull, heavy meat and soft nib. If you want to double your crop sow **The Lincoln Oats**. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; by freight or express, peck, 49c.; legal bush. of 32 lbs., \$1.00; 10 bushels and over, 90c. per bush., bags included.

## Other Good Varieties of Seed Oats.

**MAMMOTH CLUSTER BRONZE, BALTIC WHITE, AMERICAN BEAUTY, WELCOME, CLYDESDALE, Wide Awake, American Banner, White Belgian, White Russian,** and other well-known and popular varieties of seed oats at bottom prices. Each, 30c. lb., or 3 lbs., 75c., post-paid; by freight or express, bags included, per legal bush., 32 lbs., 90c.; 10 bush. and over, 85c. per bush., bags included.

## Peas and Oats for Fodder.

Dairymen everywhere are rapidly catching on to Peas and Oats and with the most profitable results. They make a fodder and hay which in every case doubles the production of milk. The Canada Field Pea, which we sell at \$1.40 per bushel, is the best for this purpose. They should be sown early in April, two bushels of Peas and two bushels of Oats to the acre. The peas should be sown first and plowed under about four inches deep; the oats then sowed and harrowed in. They will be ready for cutting about July 1, when the oats are in milk and the pods formed on the peas.



## Spring Rye.

Distinct from the winter rye, grain of finer quality and more productive; can be successfully grown in any latitude, and is now being largely sown in the Middle States in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as a "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff 7 to 8 feet high, produces 30 to 40 bushels of grain per acre; as it does not stool like winter rye, not less than 2 bushels to the acre should be sown. Lb., 35c.; 3 lbs., \$1.00, post-paid; peck, 50c.; bush., \$1.35; 5 bushels and over, \$1.25 per bush.

## Spring Wheat.

**SASKATHEWAN FIFE.** This wheat is pronounced by the great milling kings of the Northwest the best. Fifty bushels to the acre is not an uncommon yield. It is ten days earlier than the Common Fife, straw growing about a foot taller, standing stiff and strong. Pkt., 10c.; lb., 35c.; 3 lbs., \$1.00, post-paid. Peck, 75c.; bush., \$2.00.

## Seed Buckwheat.

**NEW JAPANESE.** The kernels are nearly twice the size of any other; of a rich dark brown color and manufacture a superior flour. Owing to its branching character only one-half as much seed is required per acre, while the straw is much stiffer and stands up better. This new buckwheat has rapidly displaced all others, and is now more largely planted, than any other variety, being about two weeks earlier than other sorts. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; qt., 15c.; peck, 40c.; bush., \$1.00; 5 bushels and over, 90c. per bush., sacks included.

**SILVER HULL.** Sown at same time as common buckwheat, this variety continues in bloom longer, and yields nearly double. The flour is whiter and more nutritious. Lb., post-paid, 25c.; qt., 15c.; peck, 40c.; bush., \$1.00.

## Seed Barley.

**NEW MANSHURY.** The earliest and most productive. Qt., 15c.; peck, 50c.; bush., \$1.25.

**SPRING BARLEY.** Qt., 15c.; peck, 50c.; bush., 48 lbs., \$1.00.

# Forage Plants.



SACALINE—SHOWING TWO MONTHS' GROWTH.

## SACALINE

(*True Polygonum Sachalinense*).

No other forage plant has ever excited such widespread discussion as Sacaline. Much that has been said of it, especially by the enemies of the plant, has been pure speculation. Facts are, however, becoming established, and while it has not been proved that it will yield 180 tons of forage per acre annually, as claimed, yet the statement that it will become a noxious weed has been proved false, as it cannot be induced to produce seed with us. That cattle, sheep and horses will eat it greedily, both in the green and dry state, has been conclusively proved also. Its ability to grow and flourish during prolonged drought, when all other forage plants fail utterly, has likewise been proved the past summer—rendering it of value that cannot be estimated, in the West and Southwest at least, where the cattle interests are so great. But discussion and difference of opinion will, we fear, continue for a long time—in fact, we are very much afraid Sacaline will have many enemies, and from no defect in the plant itself, the true Sacaline, but by reason of so many seeds and plants of worthless kinds of *Polygonum* having been sent out for it.

The claims made for it are: perfectly hardy—even in Siberia; stands also the greatest heat; ground does not need to be plowed before planting; needs no cultivation, no manuring, no replanting; grows in poorest soil or in wet lands, where no other forage plant will exist. Once planted it stands for an age. It is more nutritious than clover or lucerne; an excellent soil enricher, and can be cut every month till cold weather. The cultivation of Sacaline is very simple. Set out the roots or plants three feet apart each way, at any season.

Prices: Genuine Seed of Sacaline, per pkt., 10c.; 3 pkts., 25c.; oz., \$1.00. Strong Roots, 20c. each (25c. each, post-paid), 3 for 50c., or \$1.50 per dozen. Plants from 2½ inch pots, each, 25c.; 3 for 60c.; 6 for \$1.00.

Our Forage Plant Pamphlet, 16 pages, fully illustrated, giving description, endorsements, analysis, etc., of Sacaline, will be sent post-paid, on receipt of 10 cents, or can be had free with orders for 1 ounce of seed, or \$1.00 worth of roots.

### LATHYRUS SILVESTRIS, or FLAT PEA.

If the strong claims made for this New Forage Plant are but half true, it is certainly one of the best yet discovered. The roots penetrate the soil twenty to thirty feet, enabling it to withstand cold or drought, and will last fifty years without manure or reseeded. It will fatten hogs or sheep without grain, and will cut six to eight tons of hay to the acre. Sow in drills twelve to fifteen inches apart. Pkt., 10c.; 3 pkts., 25c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.00.



JERUSALEM CORN—THE GREAT FODDER AND GRAIN CROP.

**JERUSALEM CORN** belongs to the non-saccharine sorghums, and was brought a few years since from the arid plains of Palestine. It is pronounced, by all who have grown it, the best and surest crop for dry countries and seasons, even better than Kaffir Corn and Millo Maize. Grows about three feet high. The grains are pure white and nearly flat. Three pounds will plant an acre. The cultivation is the same as for Kaffir Corn and other forage plants. We hope all our customers who are interested in this class of plants, and have not already tried it, will give the New Jerusalem Corn a trial. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; lb., 15c.; 10 lbs., \$1.20; bush., 60 lbs., \$4.00, by freight or express.

**KAFFIR CORN** is now successfully cultivated for both forage and grain in all sections of the United States. It is the best general purpose plant of all the varieties of sorghum yet offered, unless it be the new Jerusalem Corn. Pkt., 10c.; lb., 30c.; 3 lbs., 75c. By freight or express, qt., 20c.; peck, \$1.10; bush., 60 lbs., \$4.00.

**WHITE MILLO MAIZE, or DHOURA.** Pkt., 10c.; lb., 30c.; 3 lbs., 75c. By express or freight, qt., 20c.; peck, \$1.10; bush., \$4.00.

**YELLOW MILLO MAIZE, or YELLOW BRANCHING DHOURA.** Another new variety of sorghum, valuable for both forage and grain. Pkt., 10c.; lb., 30c.; 3 lbs., 75c., post-paid; qt., 20c.; peck, \$1.10; bush., \$4.00.

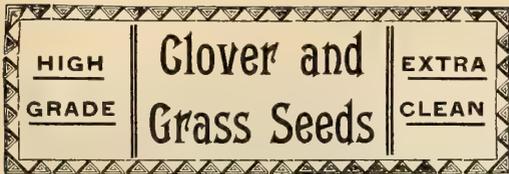
**TEOSINTE (REANA LUXURIANS).** This gigantic Grammae of Central America somewhat resembles Indian Corn. It produces a great number of shoots, growing twelve feet high, very thickly covered with leaves, yielding an abundance of forage. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

**SAINFOIN, or ESPARSETTE (Onobrychis Sativa).** An excellent new perennial fodder plant, growing to the height of about three feet, and flowering in June and July. If broadcasted it will require about five to six bushels per acre; if drilled, four to five bushels. It will crop from seven to ten years, according to the nature of the soil. Lb., 15c.; 10 lbs., \$1.25; bush. of 25 lbs., \$2.50.

**EARLY AMBER SUGAR CANE.** This is by far the best variety for sugar, as it matures quickly, and has been cultivated as far north as St. Paul, Minn. The seed is valuable also as food for horses and cattle, and is greedily eaten by poultry, increasing the egg production. For ensilage or fodder it possesses important advantages. By mail, post-paid, lb., 30c.; 3 lbs., 75c.; by express or freight, qt., 20c.; bush. of 56 lbs., \$2.00; 10 bush. or over, \$1.75 per bush.

**SOJA HISPIDA (Soja Bean).** Grown largely for forage crops, and valuable for green manuring. Pkt., 10c.; lb., 50c., post-paid; peck, \$1.00; bush., \$3.00.

**DWARF ESSEX RAPE.** The best for sowing; raised extensively in England for sheep feed, etc., and also becoming very popular in America. See illustration and description, page 16. Lb., 35c.; 3 lbs., \$1.00, post-paid; lb., 25c.; 10 lbs., \$2.00; 25 lbs. and over, 15c. per lb., by freight or express.



Our grass and clover seeds are extra cleaned and of the highest quality. We take great care to have them absolutely free from all noxious weed seeds.

**POSTAGE ON GRASS SEEDS.**

Remit, in addition to price, 8c. per lb., and 15c. per qt., except on light varieties, which do not weigh over 14 lbs. per bush., on which remit 5c. per qt. to prepay postage.

**Crimson or Scarlet Clover.**

The great nitrogen gatherer and most valuable crop in existence.

IT IS now ten years since we first called the attention of American farmers to the importance of this crop through our catalogues and advertisements, since which time it has been tested by thousands of farmers in all sections of the country, revolutionizing methods of farming and bringing under profitable culture thousands of acres of land which were heretofore too poor for tillage. It is purely an annual, and must be sown every year. It will make a good growth on land which is too poor and sandy to grow red clover or any grasses at all, and will make an enormous growth on good land. It is very valuable as a green manure crop, because it can be grown during the winter and turned under in spring in time to plant corn and other crops.

Being strictly a supplementary and extra or "stolen" crop, no other crop need be omitted to grow it; it grows quick and adds fertility to the soil beyond the ability of any other known plant in so short a time.

It will improve worn out and poor soils more rapidly and permanently than any other plant in existence. Therefore, the **cheapest** and **best** fertilizer, also the **cheapest** food for all kinds of stock. Stock like it. Will leave their grain and feed for it. It grows and matures its crop when other crops are dormant, furnishing the very best of feed and still permanently improving the soil.

Being a winter crop, it should be sown in July and August, from which the spring following it can be cut for soiling by the middle of April; for ensilage and hay, by 1st to 10th of May, and for seed crop by the 25th of May. It will produce on ordinary soil 8 to 10 tons of green food per acre, 1½ to 2½ tons of hay per acre plowed under as a manurial crop it is worth, as a fertilizer, \$2.00 per acre. Experiments at Experimental Stations have shown that \$1.00 invested in seed per acre added 24 bushels corn, while \$1.00 worth of Nitrate of Soda per acre increased the yield of corn only 6 bushels.

It can be sown in fields of growing corn, in open ground after some other crop is harvested, in apple, peach, pear, plum or cherry orchards, in tomato, cabbage, beans, peas, watermelon, cantaloupes, or any cultivated crop, also with buckwheat. Is also sown in asparagus beds, in raspberry and blackberry patches, to keep down weeds and to be plowed under as manure, with most excellent results. When sown in the summer months it furnishes excellent pasture in October, November and December; can also be pastured some in early spring without injury to either hay or seed crop. Where Red Clover failed to give a good stand or blighted on wheat stubble, the stubble can be harrowed over and Scarlet Clover sown, which will more than make up the loss of the Red Clover.

Scarlet Clover weighs sixty pounds to the bushel. Ten to fifteen pounds are necessary to seed an acre properly, and after sowing the seed it should be covered by a light harrowing. There are five types of Scarlet Clover, one only of which is hardy and which we offer for sale. It has been grown in this latitude now for nine years; consequently it is the ninth generation seed, and being of the hardy type and thoroughly acclimated, it succeeds in extremely northern latitudes, having been successfully grown in the most northern States and Canada.

**PRICES—SUBJECT TO MARKET CHANGE.** Lb., 15c. (lb. by mail, post-paid, 30c.); 10 lbs., \$1.00; bushel (60 lbs.), \$4.00; sack of two bushels, for \$7.50, by freight or express.

**ALSIKE, SWEDISH, or HYBRID CLOVER (Trifolium Hybridum).** This variety is the hardiest of the clovers and is sometimes called Giant White Clover. It is a perennial, therefore adapted for permanent pastures or for hay. Its superior pasturage is much liked by cattle. Blossom heads round, flesh-colored, sweet and fragrant, much liked by bees. Sow six pounds per acre. Lb., 25c.; 10 lbs., \$2.00; 25 lbs., 15c. per lb.; bush., of 60 lbs., \$6.00.

**BOKHARA CLOVER (Honey Plant).** Excellent for bee food, growing well on poor soil. Lb., 35c.; 10 lbs., \$3.00.

**WHITE DUTCH CLOVER.** The best to sow with lawn grass and valuable in permanent pastures. Oz., 5c.; lb., 40c.; 25 lbs. and over, 30c. per lb.; bush., 60 lbs., \$15.00.

**Clover, Common Red.** Lowest market prices.



A HEAD OF CRIMSON OR SCARLET CLOVER. (From nature.)

**LUCERNE, or ALFALFA CLOVER.** A perennial forage plant, and when once properly seeded in suitable soil will produce fine crops for several years. It has a remarkably strong growth, occasioned by its roots penetrating the ground to a great depth, ten to twenty feet, until they are altogether out of reach of drought. Seed can be sown with any grain crop in the spring, or as a separate crop, at the rate of ten to twelve pounds to the acre. Lb., 25c.; 10 lbs., \$1.50; 25 lbs., 12c. per lb.; bush., 60 lbs., \$5.50.

**MAMMOTH PEA VINE, or SAPLING CLOVER.** Market variable. Lowest market prices.

**Japan Clover.** Valuable for the South. Lb., 40c.



PHOTOGRAPH OF LAWN SOWN WITH JOHNSON & STOKES' NEW EVERGREEN LAWN GRASS SEED.

"The most beautiful thing that can be placed about a home is a well-kept lawn. It is the soul of the surroundings of a home. Not only is it one of the most beautiful but also useful features of the landscape. Grass is the carpet of the earth, and like the carpet of the house it should be used."

### JOHNSON & STOKES' NEW EVERGREEN LAWN MIXTURE

Will insure a beautiful dwarf, green, compact sward, and remain green and fresh during our hot, dry summer months, even when sown on **Lawn Tennis, Croquet and Ball Grounds** in constant use, and has become widely known, and is exclusively used on the finest public and private grounds around Philadelphia, New York and other cities. **Prices, qt., 25c.; 2 qts., 40c.; qt., post-paid, 30c.; peck, \$1.00; bush., 16 lbs., \$4.00.**

### JOHNSON & STOKES' FAIRMOUNT PARK LAWN GRASS SEED

Is composed of fine grasses, but less expensive than those used in our **Evergreen Mixture**, and will give excellent results. **Qt., 20c.; 2 qts., 35c.; qt., post-paid, 25c.; peck, 75c.; bush., 14 lbs., \$3.00.**

A quart of Lawn Grass Seed will sow about 300 square feet. Three to four bushels are required to sow an acre. Instructions how to prepare and sow a lawn are printed on each package.

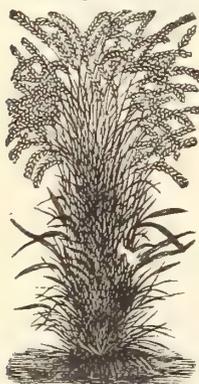
## SPECIAL MIXTURES FOR PERMANENT PASTURES and MOWING LANDS.

**PRICE, \$2.50 PER BUSHEL; 10 BUSHELS AND OVER, \$2.25. SOW 2 to 2½ BUSHELS TO THE ACRE.**

In the preparation of these mixtures for Permanent pasture and Mowing, the greatest care is exercised in selecting such varieties as are suited to the soil to be laid down and are likely to realize the object in view. To facilitate this, a **description of the soil, whether light, medium or heavy, also climate, the range of temperature and the purpose for which sown, and if with or without a crop, should accompany each order.**

**JOHNSON & STOKES' NO. 1 MIXTURE FOR PERMANENT PASTURE.** Contains, blended in proper proportions for the purpose the following grasses: Orchard Grass, Sheep's Fescue, Meadow Fescue, Hard Fescue, Canadian Blue, Sweet Vernal, Meadow Foxtail, Tall Meadow Oat, Red Top, Kentucky Blue, Italian Rye Grass, Perennial Rye Grass, Rhode Island Bent, Timothy, Wood Meadow, Rough-Stalked Meadow, Alsike Clover, White Clover, Mammoth Clover. **Bush., \$2.50.**

**JOHNSON & STOKES' NO. 2 MIXTURE FOR PERMANENT MOWING.** Contains, properly blended: Red Top, Perennial Rye Grass, Orchard Grass, Timothy, Red Clover, Mammoth Clover, White Clover, Fine-Leaved Fescue, Rhode Island Bent, Rough-stalked Meadow, Meadow Fescue, Meadow Foxtail. **Bush., \$2.50.**



CANADIAN BLUE GRASS.

**CANADIAN BLUE GRASS.** (*Poa Compressa*.) **The hardiest grass in cultivation;** should not be confounded with the Kentucky Blue Grass. Canadian Blue Grass shoots its leaves very early. All grazing animals eat it greedily; cows fed on it produce a very rich milk. It is especially relished by sheep. Its bluish-green stems retain their color after the seed is ripe. It shrinks less in drying than most other grasses. It is an excellent grass for dry, sandy, thin soils and banks, and for covering the surface of rocky soils. **Qt., 15c.; bush., 14 lbs., \$1.75; 5 bush. and over, \$1.65 per bush.**

**KENTUCKY BLUE GRASS.** (Fancy, triple cleaned.) Valuable for pasture when mixed with other varieties. **Qt., 15c.; bush., 14 lbs., \$1.50; 5 bush. and over, \$1.40 per bush.**

**ORCHARD GRASS.** One of the most desirable pasture grasses. **Qt., 15c.; bush., 12 lbs., about \$1.50.**

**Timothy.** **Qt., 20c.; bush., 45 lbs., about \$2.50.**

**HERD, or RED TOP GRASS.** A valuable native permanent grass, as a mixture in meadows or pastures. **Qt., 15c.; bush., 10 lbs., \$1.00; in sacks of 50 lbs., about \$4.00.**

**East India, or Pearl Millet.** **Lb., 30c.; 10 lbs. \$2.50.**

**Hungarian Millet Grass.** One of the most valuable annual forage plants. **Qt., 10c.; bush., 48 lbs., about \$1.50.**

**German, or Golden Millet Grass.** Will grow in almost any climate or soil; the yield in hay or seed is larger than any other variety. **Qt., 10c.; bush., 50 lbs., about \$1.50.**

**Common Millet.** **Qt., 10c.; bush., 50 lbs., about \$1.50.**

**Johnson Grass (Sorghum Halapense).** **Qt., 20c.; bush., 25 lbs., \$3.00.**

**Sweet Vernal Grass.** True Perennial. **Lb., 60c.; bush., 10 lbs., \$5.00.**

**Natural Green Grass.** **Qt., 20c.; bush., \$3.00.**

**Meadow Fescue, or English Blue.** **Qt., 20c.; bush., \$2.50.** Sow 2 bushels to the acre.

**Tall Meadow Oat Grass.** A valuable grass for permanent pasture, on account of its early luxuriant growth. Makes splendid hay. **Qt., 20c.; bush., 13 lbs., \$2.50.**

**English Rye Grass.** A nutritious, permanent grass for meadows and pastures. **Qt., 20c.; bush., 24 lbs., \$1.75.**

**Italian Rye Grass.** **Qt., 20c.; bush., 20 lbs., \$2.00.**

**Wood Meadow Grass.** Adapted for pleasure grounds under trees; fine for pastures under close feeding. Sow 28 pounds to acre. **Lb., 30c.; bush., 14 lbs., \$3.50.**

**Meadow Foxtail, Crested Dog-Tail, Fine-Leaved Fescue, Water Meadow, Rough-Stalked Meadow, Water Fescue,** each per lb., 40c.; 10 lbs. and over, 35c. lb.

**Rhode Island Bent, Meadow Brome, Tufted Hair, Creeping Bent, Wood Hair, Hard Fescue, Sheep Fescue,** each per lb., 30c.; 10 lbs. and over, 25c. per lb.

## GRASSES FOR THE NORTH AND SOUTH.

This little work contains a complete list, with descriptions and illustrations, of all the desirable grasses now grown in the United States. Will be mailed free to all who write for it.

# NOVELTIES IN FLOWER SEEDS.



PHOTOGRAPH OF SEMPLE'S LATE-BLOOMING BRANCHING ASTER. Pkt., 10c.

## New Branching Asters.

The new **Branching Aster** is unequalled. It is quite different in several respects from any Aster known to the trade, and those points in which it varies are points of highest merit. The branching habit is accompanied with great vigor of growth and profusion of bloom, and, in planting, ample room should be allowed for development. The flowers, which are of extraordinary size, are exceedingly graceful and handsome, and are borne erect on very long stems, which gives them additional value for arranging in vases and for wearing on the person.

**310. VICK'S WHITE BRANCHING ASTER.** A pure white variety of great value. Pkt., 10c.

**SEMPLÉ'S LATE-BLOOMING BRANCHING ASTERS.** Lengthening the Aster season until frost. These Asters are of great value, both for garden decoration and for cutting; the flowers are large, 4 inches across, are very double, and of purest colors; and being borne on unusually long stems they very gracefully lend themselves to artistic arrangement in vases. The fact that they bloom so late, commencing with us about the first of September and continuing until killed by frost, renders these Asters of exceptional value. The plants are strong, luxuriant growers, eighteen inches to two feet high.

**311. Semple's Late Blooming, fiery crimson.** Pkt., 10c.

**312. Semple's Late Blooming, choice mixed colors.** Pkt., 10c.

## New Celosia "Ostrich Feather."

This new Feathered Celosia produces very large plumes, which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form and the numerous massive plumes waving gracefully above the foliage make it one of the most effective ornamental plants for either pot or outdoor culture. It is of easy cultivation, requiring the same treatment as the ordinary cockscomb.

OSTRICH FEATHER CELOSIA.

**Crimson and Orange.** Mixed, per pkt., 10c.

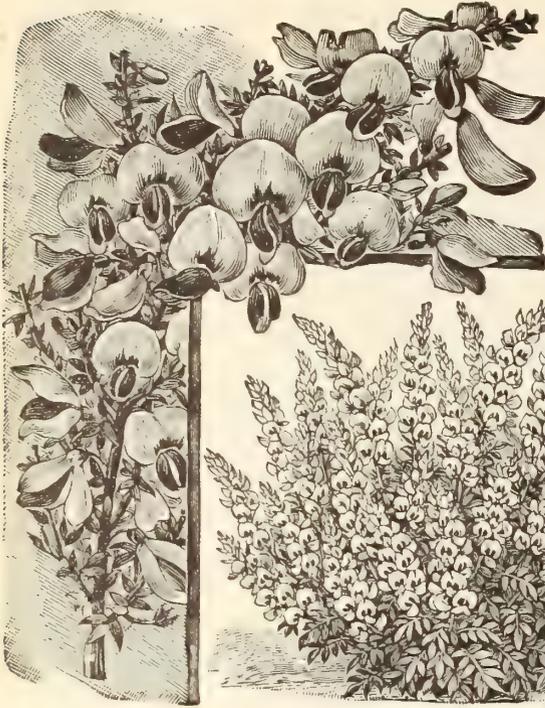
## NEW CLIMBING NASTURTIUMS.

### "HYBRIDS OF MADAME GUNTER."

A new section obtained by artificial hybridizing, and distinguished by dark-colored foliage and flowers of a richness and variety of coloring not to be found in any of the different classes of Nasturtiums heretofore grown. There have already been produced twenty-two different colors or combinations of colors in these new hybrids, including various shades of rose, salmon, bright red, pale yellow, etc., either self-colored or spotted, mottled, striped and margined. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal the gorgeous effect produced by their marvellous quantities of bloom borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and the few weeks of time required to bring them into bloom, the rapidity of growth, luxuriant and dense, to a height of twelve to fifteen feet, and their freedom from insects, render them worthy of great popularity. (See cut.) Per pkt., 10c.



NEW CLIMBING NASTURTIUMS. HYBRIDS OF MADAME GUNTER.



## New Dwarf Golden Yellow Flowering Pea.

(CROTOLARIA RETUSA.)

The flowers of this exquisitely beautiful annual are of a rich golden yellow color, of the true Sweet Pea form and as large as the Eckford's varieties. The flowers are of firm substance and grow in racemes, fox-glove style, and often produce over 40 blossoms on one spike. It blooms profusely throughout the Summer and until killed by frost.

It is a low growing, branching plant, every branch and branchlet ending in racemes, six to ten inches long, of these beautiful golden Sweet Pea like flowers. The oval leaves are smooth, of the darkest green, and the flowers are followed by clusters of short smooth pods, in which, when shaken, the seeds sound like a child's rattle. It is best to start the seeds in the window or hot-bed, first soaking them in warm water. Price, 10c. per pkt.

## New Dwarf Sweet Pea "Cupid."

Sweet Peas have crept into the popular heart in a remarkable manner of late years. Society has taken them up, and growers everywhere are constantly introducing new and improved

varieties. The most wonderful thus far is the New Dwarf "Cupid." It is hardly possible in a description, even aided by illustrations from photographs, to properly present "this Floral Wonder." *CUPID*, a chance seedling, was discovered in 1893, and comes absolutely true from seed. *CUPID* excites wonder wherever seen—such a Sweet Pea, yet in habit so unlike a Sweet Pea! It has all the fragrance of the most favored Eckford's, and has more substance in the petals of both wings and standards than any other Sweet Pea. It bears two and three blossoms on the end of each stem all opening about the same time, so that it is unnecessary to pick a stem with a bud and an open blossom. Fancy a solid area of deep green—just as green as Cypress,—a carpet of plants only five inches high, spreading out from the roots so as to meet when the seed is planted two feet apart in rows; then fancy this carpet of deep, living green springing into blossom in one week, all a mass of white—clear, waxy, white;—Sweet Peas on stems only four inches long and a hundred on a plant; all white, like a mass of snow. Indeed, so strongly contrasted with the deep green foliage that the purity of the whiteness of *Cupid's* flowers seem even whiter than snow itself! Price per packet, 15c.; 2 pkts., 25c.



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W.A.B. & CO.

A SINGLE PLANT OF "CUPID" GROWN IN A POT.—ENGRAVED FROM A PHOTOGRAPH.

1 pkt. each of the New Dwarf Yellow and the New Dwarf White flowering Peas for 20c.

# GRAND IMPERIAL Japanese Morning Glories.

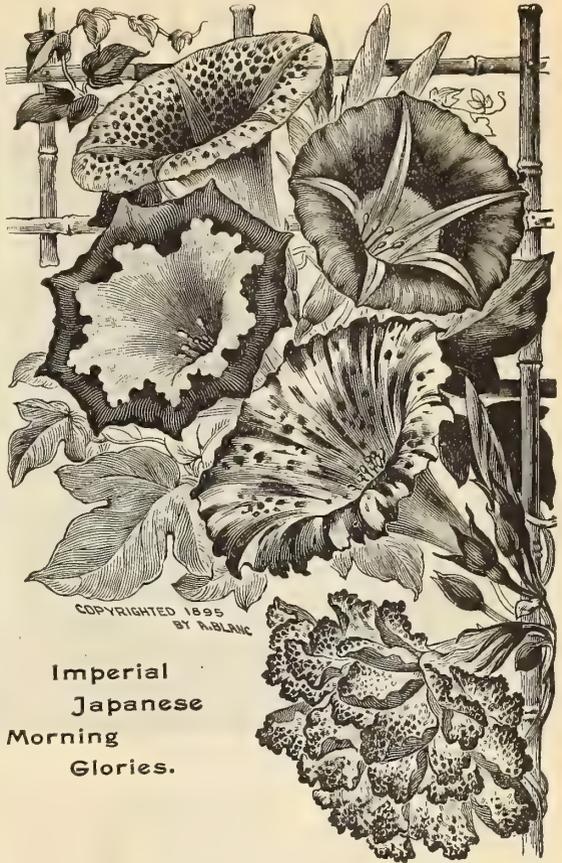
GIGANTIC FLOWERS.  
EXQUISITE NEW COLORS.  
MAGNIFICENT FOLIAGE.

The vines of this new race of Ipomæas are of strong and robust growth, attaining a height of from thirty to fifty feet. The foliage is most luxuriant, distinct and varied; some vines have rich vivid green leaves, others have silvery leaves, some with yellow leaves, and many produce leaves mottled and checkered like rich mosaics of light and dark green, white and gray.

But the surpassing charm of these **Imperial Japanese Morning Glories** lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across, and their greater substance causes them to remain open much longer than ordinary Morning Glories. The colors of the flowers, shadings and markings are **limitless**, and are really wonders of nature, of such incomparable beauty that descriptions are inadequate. Some flowers are of deep, rich velvety tones, others more daintily tinted and shaded than an artist's brush could portray. The solid colors range through reds from soft rose to crimson, bronze and garnet maroon; from daintiest light blue to ultramarine, indigo and blackish purple; from snow white to cream and silver gray: some are striped, starred and spotted; others have magnificent edges and throats. We especially noted a royal purple with broad white edge and a red throat, a blue with pink throat, a white flushed pink and a wine-red throat, a crimson with white throat, a carmine with white edge and red shaded throat, a claret purple with snow-white throat, copper color with white throat, etc., etc.

The double flowering sorts are superb and must be seen to be appreciated to their full value.

Price, single, choice-t mixed, per pkt., 10c.; 3 pkts., 25c.  
Price, double, choicest mixed, per pkt., 15c.; 2 pkts., 25c.



Imperial  
Japanese  
Morning  
Glories.



THE GOLDEN COSMOS.

## NEW GOLDEN COSMOS.

This New Golden Yellow Cosmos commences to bloom almost immediately after being set out in the spring, covering the delicate, glossy, fern-like foliage with a solid sheet of golden yellow flowers, and not rising more than fifteen inches above the ground. The color and habit, being entirely unknown among varieties of Cosmos, will certainly secure a place for it as an edging to the older sorts, which are usually tall growers and late bloomers. It is also well adapted for solid beds, being almost continually in flower. Price per pkt., 10c.

## DATURA CORNUCOPIA (Horn of Plenty).

Plants of this novelty were first introduced last year, and we are now enabled to offer the seed. The plant is of robust habit, and, while it is not hardy, grows to a good-sized shrub in a single season. The leaves are large, dark green, and the stem is brownish purple, with a shining surface. The flower is trumpet-shaped, of immense size, often ten inches long and five inches wide at the mouth, with three cones or funnels one within the other, the inside of the tube of a delicate French white, marbled with royal purple on the outside. Per pkt., 10c.; 3 pkts., 25c.



DATURA CORNUCOPIA. Pkt., 10c.

## New Scarlet Sage "Bonfire."

(SALVIA SPLENDENS NANA COMPACTA ERRECTA).

This variety, without question, is the finest Salvia for bedding yet introduced. The plants grow into very compact oval bushes, about 2½ feet high, and produce long spikes of brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. The ordinary Salvia splendens is of straggly growth, and the flower spikes bend over and do not produce one-third of the bloom that this new variety does. Pkt., 10c.

# The Choicest Roses.



"MADAME CAROLINE TESTOUT."



"KAISERIN AUGUSTA VICTORIA."

## Choice "Novelty Collection" of Tea Roses.

**BELLE SIEBRECHT.** A very promising new variety, and another rival for American Beauty. Large, full, handsome flowers, long and tapering in bud; deep, clear pink, becoming brighter with age; is thus especially available for cutting, as it does not fade out on exposure. Price, 35c.

**MRS. PIERPONT MORGAN.** A sport from Madame Cusin, with flowers much larger and very double, sometimes measuring  $4\frac{1}{2}$  inches through. Growth stronger than in the parent, free-blooming, foliage larger. Color clear, intense cerise or rose-pink. Fragrant, beautifully formed and lasting. Price, 35c.

**BRIDESMAID.** A grand Rose of American origin, a sport from C. Mermet, and possessing all the good qualities of the parent variety. It surpasses it in color, being a deep brilliant pink and constant in color under all conditions. It is invaluable for winter forcing. Price, 20c.

1 plant each of the above choice "Novelty Collection," \$1.00.

## Tea, or Everblooming Roses.

**SOUVENIR DE WOOTTON.** This superb Rose is unquestionably one of the finest varieties ever introduced for either summer or winter blooming. The color is a beautiful shade of crimson, deliciously fragrant, a constant and most prolific bloomer.

**METEOR.** "Meteor" is a remarkably rich, dark velvety crimson rose; so dark, indeed, that under certain conditions it is blackish crimson.

**MARION DINGEE.** A grand Bedding Rose; of a deep brilliant crimson color; a strong vigorous grower.

**THE BRIDE.** A pure white Rose of large size and most perfect form.

**SOUVENIR DE LADY ASHBURTON.** A large Rose of perfect form, of a fine shade of rich coppery red, delicately suffused with pale orange-yellow; reverse of petals fine rosy-fawn color. It is highly scented with the true Tea Rose fragrance.

**MADAME ELIE LAMBERT.** Fine, large, full double flower; the outer petals pure white, the centre of a beautiful rosy flesh color, often changing to deep rosy carmine; very distinct and fine.

**LOUIS PHILIPPE.** Dark rich crimson, free bloomer, excellent for bedding.

**KAISERIN AUGUSTA VICTORIA.** One of the most desirable Roses of recent introduction. The flowers, which are produced in the greatest profusion, are of large size, of a creamy white color, shading deeper towards the centre. It is a strong healthy grower, with fine foliage, and will undoubtedly become popular both as a bedding variety and for forcing under glass. Price, 20c.

**MADAME CAROLINE TESTOUT.** Another charming novelty in a strong growing Hybrid Tea. The bloom is large and double; color bright satiny pink, with rosy centre. Odorous, and quite free flowering. Petals very large and heavy, and beautifully rounded. A first-rate variety for forcing, of the La France type. Price, 20c.

**WHITE PERLE DES JARDINS.** This new sport from the old reliable Yellow Perle has every good point of its parent, but is of a soft beautiful white. Price, 20c.

**CLOTHILDE SOUPERT.** A new fine white bedding Rose. In color they are a French white, deepening to rosy blush in the centre; wonderfully profuse bloomers.

**THE QUEEN.** Is a continuous bloomer, producing successive crops of buds and flowers in great profusion. The buds are beautifully formed, with large petals of good substance; color pure snowy white; exquisitely scented. A splendid pot rose.

**BON SILENE.** This splendid old variety is equally valuable for summer or winter blooming; average size and exquisite Tea-scent; color brilliant carmine.

**CATHERINE MERMET.** One of the most fashionable roses for cut flowers; color, clear rosy pink; very large pointed buds; full, double and fragrant.

**HERMOSA.** The most popular bedding rose in cultivation. It is of a bright pink color, perfectly hardy.

**PERLE DES JARDINS.** Canary yellow; large, well-formed buds and flowers on strong stems; free bloomer.

**MARIE GUILLOT.** Extra full and double flowers. Tea-scented, pure snow white in color; always in bloom.

**PAPA GONTIER.** One of the finest roses either for out-of-doors or for winter forcing; dark carmine crimson.

Price of each of the above Tea Roses, 15c. each, or \$1.40 per dozen, or the choice collection of 15 varieties for \$1.50.



## Hardy Perpetual Roses.

**AMERICAN BEAUTY.** This variety has been rightly described an ever-blooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color a deep, rich rose. The fragrance is delightful, resembling La France or the old-fashioned Damask Rose. It is truly an ever-bloomer, each shoot producing a bud.

**LA FRANCE.** We cannot speak too highly of this superb rose, which every year becomes more popular. Flowers large and beautiful, either in the bud form or when expanded; peach blossom color, shaded pink and silvery rose. It is very free blooming, every shoot forming a beautiful flower.

**MRS. JOHN LAING.** This is, we believe, the finest hardy rose of its color ever offered. It is an exquisite shade of shell-like pink, deliciously fragrant, of the largest size, and, like the Dinsmore, is entirely hardy and ever-blooming.

**MAGNA CHARTA.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

**GENERAL JACQUEMINOT.** Rich velvety crimson, changing to scarlet crimson. A magnificent rose, equally beautiful in the bud state or open. This is the best known of all Hybrid Perpetuals, and is without a rival in fragrance and richness of color.

**DINSMORE.** A vigorous and free blooming rose, perfectly hardy, and bearing large perfectly double flowers of a rich scarlet crimson color.

**GLOIRE DE MARGOTTIN.** Dazzling red, the most brilliant yet known; large, full, finely formed globular flowers; growth very vigorous; one of the most distinct hardy garden roses in cultivation, and can be especially recommended for its freedom of blooming and hardness.

**ROSA RUGOSA.** The lovely Romanas or Rugosa Roses form sturdy bushes three to five feet in height, covered with handsome, glossy green foliage, and clusters of beautiful single flowers. They bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods.



THE "BRIDESMAID."

Price of each of above Hardy Perpetual Roses, 15c. each, or the entire set of 8 for \$1.00.

## Climbing Roses.



COPYRIGHTED 1895 BY A. BLANC  
CRIMSON RAMBLER ROSE, 25c.

### NEW CLIMBING ROSE, CRIMSON RAMBLER.

This rose has already created quite a sensation as the grandest garden variety introduced for years. It is of Japanese origin and quite hardy, with strong shoots, that climb high in a season, or may be cut back into handsome bush form. The foliage is noticeably distinct and handsome, light glossy green, thick and leathery. The flowers are produced in great pyramidal panicles of brilliant crimson. Each one is a perfectly double little rosette, and from thirty to forty are usually massed in one truss. As a decorative pot plant it is also strikingly effective. Has won medals, prizes and certificates from nearly all the foreign societies. 25c. each; \$2.50 per dozen.

**CLIMBING NIPHETOS.** Identical with the true old Niphetos, but of a climbing habit. The blooms are produced from the lateral shoots, and are very large, with broad, thick petals; color pure white with pale lemon centre; beautiful, long pointed buds; very fragrant. 15c. each; 4 for 50c.

**CLIMBING PERLE DES JARDINS.** A sport from the well-known favorite, Perle des Jardins, and a rose that will be of permanent value either for growing indoors or in the open ground. The flowers are produced in profusion, and are deep canary-yellow. The buds and flowers are much larger than the parent variety. 15c. each; 4 for 50c.

**CLIMBING HERMOSA.** Clear, bright pink flowers, medium size and fragrant, a strong grower and free bloomer. One of the most popular of all climbing roses, because it is entirely hardy and flowers during the summer and autumn. 15c. each; 4 for 50c.

**PRAIRIE QUEEN.** Clear, bright carmine-pink, sometimes with a white stripe; compact and globular; very double and full; blooms in clusters. 15c. each; 4 for 50c.

**MARECHAL NEIL.** (*Noisette*.) A rose so famous as to hardly need a description here. The most beautiful large golden-yellow grown; very full and double, and exceedingly fragrant. It is naturally a climbing rose, and should not be pruned too short. 15c. each; 4 for 50c.

We would rather pay that big Gold Panav Prize to you than to anybody else. Try hard. See page 89.



ROYAL PURPLE, 25c. EACH.

## ROYAL PURPLE.

(*Strobilanthes Dyerianus.*)

This forms a compact bush 18 inches high, with leaves 6 to 9 inches long, 3 to 4 inches wide, and of the most intense metallic purple color, shading into light rose, with a light green margin, a combination unapproached by any other plant. The flowers are a lovely violet-blue, very beautiful. Valuable as a bedding plant, or for the table, or conservatory. Price, 25c. each, or \$2.50 per dozen.

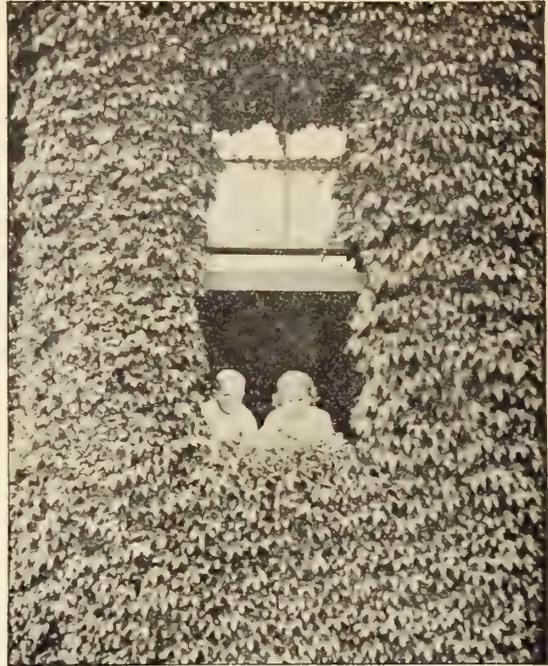


BEGONIA REX.

## BEGONIA REX.

(*Painted Leaf Varieties.*)

We offer the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc. 20c. each; 3 for 50c.



"GOOD MORNING." This is the "Boston Ivy" (*Ampelopsis Veitchii*) as it grows at "Floracraft." Perfectly hardy and a vigorous grower. Price of plants, 25c. each; \$2.00 per dozen.



## EGYPTIAN, OR SACRED LOTUS.

(*Nelumbium Speciosum.*)

A noble aquatic; the leaves attain at the time of blooming a height of 5 or 6 feet above the surface, and measure from 20 to 30 inches across; the immense flowers are frequently over a foot across and of a lovely white, shading into deep pink at the edges. It is a luxuriant grower and blooms profusely, and is easily cultivated. It has proved perfectly hardy in New Jersey, with a protection of leaves in winter. (*See cut.*) Price of roots, 50c. each; 6 for \$2.50.

# Chrysanthemums and Cannas.



"QUEEN CHARLOTTE" CANNA, 35c. each.

## NOVELTIES IN FRENCH CANNAS.

**QUEEN CHARLOTTE** (*see cut*) is the finest bedding Canna yet introduced. Unapproached in flower, foliage and habit. In color it is an intense velvety crimson, melting into rich, broad, golden-yellow bands on the edges of the petals. It must be seen to be appreciated. Price, 35c. each; 3 for \$1.00.

**FLORENCE VAUGHAN.** A bright, rich golden yellow, spotted with bright red.

**PAUL BRUANT.** An intense shade of orange scarlet, with a peculiar satiny surface.

**MADAME CROZY.** A dazzling crimson scarlet, bordered with golden yellow.

**CHARLES HENDERSON.** Large fiery crimson.

**EGENDALE.** Large, bright, cherry-red flowers.

**PAUL MARQUANT.** A bright salmon scarlet.

**CAPTAIN P. DE SUZZONI.** A rich canary yellow, spotted with cinnamon red.

**FRANCOIS CROZY.** Bright orange, bordered with a narrow edge of gold.

**LOUIS CHRETEIN.** Bright yellow, spotted with crimson.

Price of any of above, except "Queen Charlotte," is 20c. each, or 6 for \$1.00.

Entire set, including "Queen Charlotte," for \$1.65.

Dwarf French sorts, mixed, unnamed, \$1.50 per dozen.

## Newest Chrysanthemums.

**NEW CHRYSANTHEMUM "PHILADELPHIA."** This is undoubtedly the greatest acquisition in Chrysanthemums for many years; it is an entirely new type in coloring and in form of petal or floret, and in the general contour of the flower, though it is very nearly globular as a whole. Its color is white, illuminated with lemon yellow, giving it light and life never before seen in a Chrysanthemum. Price, 25c. each; \$2.50 per doz.

**EUGENE DAILLEDOUZE.** A grand, very large, clear yellow.

**MRS. GEORGE WEST.** A very large incurved pink.

**MISS FLORENCE PULLMAN.** A grand pure white.

**PITCHER AND MANDA.** Fine, yellow centre, shading to white on edges.

**LADY PLAYFAIR.** Beautiful pale pink.

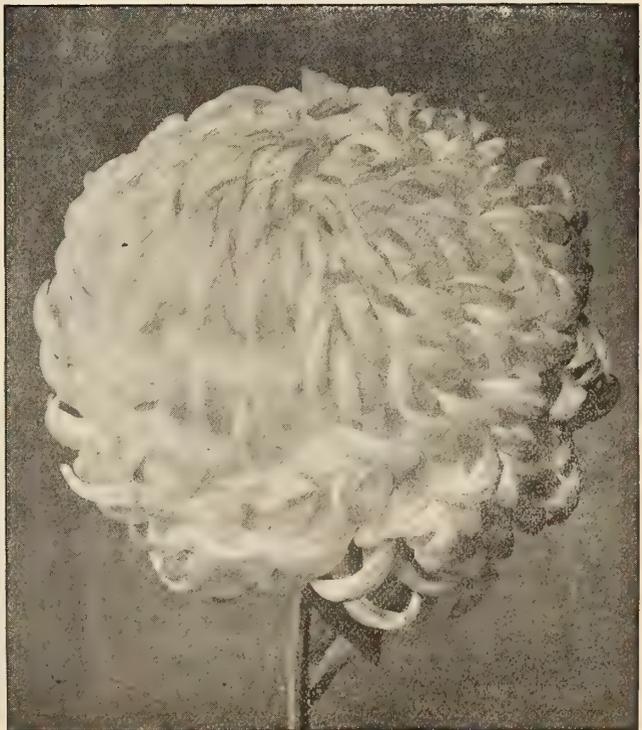
**MUTUAL FRIEND.** A reflexed pure white.

**THOS. EMERSON.** A very large fine bronze.

**MRS. E. D. ADAMS.** Immense pinkish white.

**GOLDEN WEDDING.** Rich golden twisted yellow.

Price of any of above, except "Philadelphia," 15c. each; \$1.50 per doz., or will send the entire set, including "Philadelphia," for \$1.35.



NEW CHRYSANTHEMUM, "PHILADELPHIA," 25c. each.

## CARNATIONS.

**DAYBREAK.** Large light pink.  
**CRIMSON KING.** Dark crimson.  
**WHITE DOVE.** Pure white.  
**GRACE WILDER.** Deep pink.  
**PORTIA.** Bright scarlet.  
**AMERICAN FLAG.** Striped.  
**LIZZIE MCGOWAN.** Large white.  
**FRED. CREIGHTON.** Fine deep pink.  
 Price: 15c. each, or \$1.50 per dozen.  
 The set of eight choice sorts for \$1.00.



The original "Romeo and Juliet" did not have a *Clematis Paniculata* to ornament their balcony. We can furnish plants at 15c. each.

40. **Abronia Umbellata.** A beautiful trailing plant, with clusters of sweet-scented rosy, lilac-colored flowers. Half-hardy annual. Pkt., 5c.
45. **Abutilon.** Royal Prize, Mixed. Pkt., 10c.
50. **Acroclium.** Choice Mixed. Pkt., 5c.
60. **Adumia Cirrhosa** (*Allegheny Vine*). Pkt., 10c.

#### AGERATUM.

This plant is a continual bloomer from early summer until the ensuing spring, and highly prized as a pot and bedding plant; half-hardy annual.

100. **A. Mexicanum Nanum.** Lilac blue; 1 1/4 ft. Pkt., 5c.
101. **A. Lasseauxii.** Beautiful rose color. A perennial if given greenhouse protection in the winter; 15 in. Pkt., 5c.
102. **Ageratum.** Choice mixed. Oz., 25c.; pkt., 5c.
103. **A. Imperial.** Dwarf; white. Pkt., 5c.
104. **A. White Gem.** A charming, new, very dwarf and compact growing Ageratum, attaining only four inches in height, and profusely covered with nice white flowers. Pkt., 5c.
110. **AGROSTEMMA** (*Rose of Heaven*). Fine Mixed. Pkt., 5c.

#### ALYSSUM.

140. **A. Sweet.** Flowers white; 1 ft.; hardy annual. Oz., 20c.; pkt., 5c.
141. **A. Tom Thumb.** This is one of the finest plants for edgings and low beds, flowering in unparalleled profusion for months; 1/2 ft. Oz., 25c.; pkt., 5c.
142. **A. Little Gem.** In this distinct variety the plants are of very compact spreading growth; they attain only three to four inches in height, but a single plant will completely cover a circle twelve to fourteen inches in diameter. (*See Cut.*) Pkt., 5c.; oz., 40c.
143. **A. Saxatile Compactum.** Golden yellow flowers; perennial, but bloom the first season from seed; 1 ft. Pkt., 5c.

# Flower Seeds

All flower seeds are sent free by mail on receipt of price. Full cultural directions will be found on each packet.

**NUMBERS.** To save our customers the trouble of writing out names, we have attached a number to each variety; therefore, please order by the numbers.

**PREMIUMS.** In ordering Flower and Vegetable Seeds in packets purchasers sending \$1.00 may select packets to the amount of \$1.25. Those sending \$2.00, to the amount of \$2.50. Those sending \$3.00, to the amount of \$3.75, and so on.

#### AMARANTHUS.

Plants are grown entirely for their richly colored foliage and long racemes of curious looking flowers. Half-hardy annuals.

160. **A. Caudatus** (*Love-lies-bleeding*). Blood-red drooping; 3 ft. Pkt., 5c.
161. **Tri-Color** (*Joseph's Coat*). Handsome red, yellow and green foliage; 3 ft. Pkt., 5c.
162. **Cruentus** (*Prince's Feather*). Erect flowering; bright scarlet. Pkt., 5c.
163. **Salicifolius** (*Fountain Plant*). Of a pyramidal drooping habit; leaves willow-shaped, changing to magnificent hues; 4 ft. Pkt., 5c.
164. **Bi-Color.** Rich brown and yellow. Pkt., 5c.
165. **Marguerite.** Charming dwarf plant; a free bloomer, commencing to flower in a month after the seeds are up; long, graceful shafts of flowers of purple color. Pkt., 5c.
180. **AMPELOPSIS VEITCHII** (*Japanese or Boston Ivy*). Oz., 25c.; pkt., 5c.

#### ANTIRRHINUM

 (*Snap Dragon*).

220. **A. Nanum, Mixed.** Finest dwarf Tom Thumb; 1 ft. Pkt., 5c.
221. **Majus, Mixed.** Tall varieties; 2 ft. Pkt., 5c.

#### AQUILEGIA

 (*Columbine*).

This plant blooms early in the spring and summer, and produces beautiful, curiously formed and variously colored flowers; hardy perennials.

240. **A. Single.** All colors mixed; 2 ft. Pkt., 5c.
241. **A. Double.** All colors mixed; 18 in. Pkt., 5c.
242. **A. Chrysantha** (*Golden Spurred Columbine*). This is one of the finest perennials for the border ever grown. Flowers of the most intense primrose yellow throughout, with long slender spurs; fragrant and exceedingly showy. Pkt., 5c.
243. **A. Chrysantha Alba** (*New Pure White Spurred Columbine*). This pure white variety has flowers of the largest size, pure snow white, with long spurs of elegant shape, and borne in lavish quantity. Pkt., 10c.
244. **A. Skinneri.** A magnificent columbine, with crimson sepals, lined with light green, and light green petals, and long, straight, crimson spurs. One of the finest. Pkt., 10c.
245. **A. Cerulea.** Flowers are very large, violet blue, and inner petals pure white; 2 ft. Pkt., 10c.

#### ARISTOLOCHIA

 (*Dutchman's Pipe*).

An attractive, quick-growing, hardy perennial, with large, heart-shaped leaves and flowers of singular formation, resembling a pipe; 3 ft.

260. **A. Sippo.** Flowers brownish purple. Pkt., 10c.
261. **A. Elegans.** A rapid growing climber with very novel flowers; color, externally, white veined with purple; internally, rich, purplish brown, irregularly marked with white. The blossoms are borne profusely, even on small plants. Pkt., 10c.



SWEET ALYSSUM LITTLE GEM. Pkt., 5c.; oz., 40c.

# ASTERS

## CROWN ASTER.

339. The centre of each flower is white, surrounded by a broad margin of color, such as crimson, rose, violet, etc., flowers large and freely produced; height 18 inches to 2 feet. Pkt., 10c; 3 pkts., 25c.

## GERMAN QUILLED ASTER.

Flowers composed of tube or quill-shaped petals. Very beautiful, with a great variety of colors.

331. **German Quilled.** (*Betteridge's Prize.*) Mixed, 5c.  
 332. " " Pure white, . . . . . 5c.

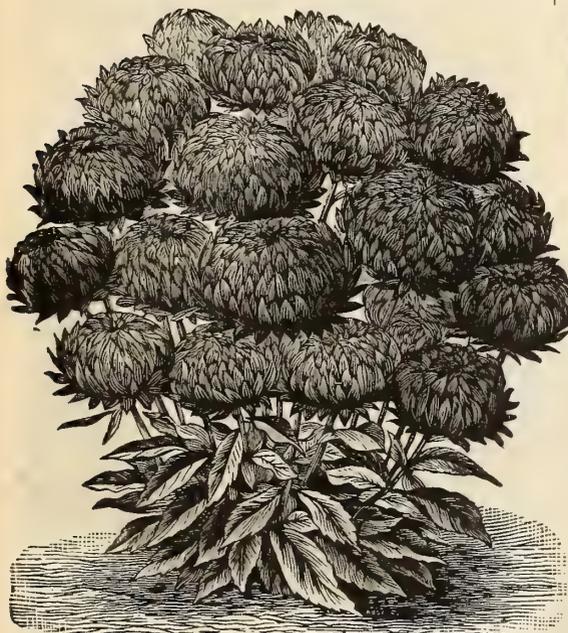
## DEEP SCARLET TRIUMPH ASTER.

333. This is undoubtedly the most beautiful and perfect of all dwarf Asters. Each plant forms an elegant bouquet of itself, seven or eight inches high. The flowers measure from two and one-half to three inches across, of faultless form. The color is rich, brilliant scarlet; each plant bears at least thirty or forty flowers of exquisite beauty. Pkt., 10c.

## NEW QUEEN OF THE EARLIEST ASTER.

At our Floracraft Trial Grounds, this Aster, sown out of doors, bloomed ahead of plants that had been started under glass six weeks before. They are dwarf plants, with fine large flowers of beautiful form. They are without doubt the very earliest aster listed. If weather is propitious they may be had in bloom by the beginning of July.

347. **Queen of the Earliest.** Pure white, . . Pkt., 10c.  
 348. **Queen of the Earliest.** Mixed Colors, . . " 10c.



TRUFFAUT'S PEONY PERFECTION ASTER.

**Truffaut's Peony Perfection Aster.** A very favorite type. Thrifty, upright plants; large, fine flowers, with long incurved petals. The florist's aster and one of the finest.

	PER PKT.
330. <b>A. Peony Perfection.</b> Finest mixed, . . . . .	10
321. " " Satin white, . . . . .	10
322. " " Crimson, . . . . .	10
323. " " Dark blue, . . . . .	10
324. " " Violet with white, . . . . .	10
325. " " Rose " " . . . . .	10
326. " " White " carmine . . . . .	10

## DWARF CHRYSANTHEMUM FLOWERED ASTERS.

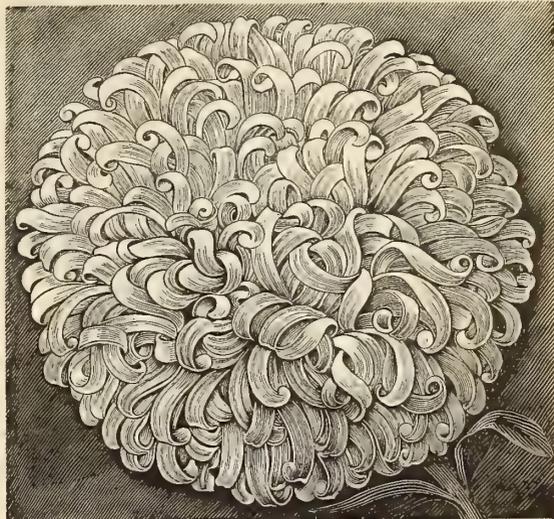
Plants only ten to twelve inches high, producing flowers of the largest size and choicest colors.

327. **A. Chrysanthemum Flowered.** Mixed, . . . 10  
 328. " " Pure white, 10

## VICTORIA ASTERS.

A magnificent race of asters. The colors include many delicate and some gorgeous shades; flowers very double and four inches across, and from twenty to thirty in a single plant; fifteen to eighteen inches high.

329. **A. Victoria.** Choice mixed, . . . . . 10  
 330. " Pure white, . . . . . 10



NEW WHITE PLUME  
 ASTER.  
 Pkt., 10c.

345. **WHITE PLUME, or COMET ASTER.** A surprisingly beautiful pure white variety. Flowers are very large, with each petal ribbed with a line of satin white, giving the flowers a very elegant appearance. Pkt., 10c.

346. **CARMINE PLUME, or COMET ASTER.** Similar in shape and style of flower to the above, but of a beautiful rich carmine color. Pkt., 10c.

## NEW DWARF QUEEN ASTER.

The dwarf, bushy plants grow only ten to twelve inches high, and, while branching very freely, the branches are upright (not loose in habit), make a dense, compact bush, excellent for pot culture, as well as for bedding. The flowers are of extraordinary size, perfectly double, and resemble the finest Victoria Asters in form.

335. **Satin White Queen.** Spotless white. Pkt., 10c.  
 336. **Crimson Queen.** Rosy crimson. Pkt., 10c.

## NEW PEARL ASTER.

This entirely new and distinct class of Asters is superior to most other types. The plants form handsome pyramids about fifteen inches high, and are literally covered with a mass of the most perfect flowers, round in shape, and three and one-half to four inches in diameter, finely and fully imbricated, and borne on long stems. They are most admirably adapted for pots and borders, and especially valuable for cut flowers.

337. **New Pearl.** Mixed, . . . . . Pkt., 10  
 338. " " Pure white, . . . . . " 10

## New Jewel or Ball Aster.

A magnificent new class. The flowers are perfectly round or ball-shaped. Nine inches in circumference, the petals being short and incurved. Plants grow about 2 feet high, of steady habit.

351. **Apple Blossom.** Shell pink, . . . . . Pkt., 10  
 352. **Crimson.** Very showy and handsome, . . . " 10  
 353. **Deep Rose.** An excellent color, . . . . . " 10  
 1 pkt. each of these 3 Glorious Asters, 25c.  
 354. **Choice Jewel.** Mixed, . . . . . " 10

**ASPERULA.**

A profuse blooming plant, bearing many clusters of small, sweet-scented flowers; very pretty for bouquets. Hardy annual.

300. **A. Odorata** (Sweet Woodruff). Pkt., 5c.

301. **A. Setosa**. Sky blue. Pkt., 5c.

350. **Auricula, Extra Choice Mixed**. From a prize collection. Pkt., 10c.

340. **Balloon Vine** (*Love in a Puff*). A climbing plant, useful for either inside or outdoor decoration; 6 ft. Half-hardy annual. Pkt., 5c.

**BEGONIA.**

As bedding plants there is nothing to equal the New Tuberos Rooted Begonia. They bloom equal to the geranium, but with a form and variety of colors and shading equal to the rose.

420. **B. Tuberos Rooted, Single, Mixed**. Containing the greatest variety of shades, from pure white through all the tints of cream, yellow, orange, pink, red and scarlet. Pkt., 15c.

421. **B. Tuberos Rooted, Double, Mixed**. Exquisite double kinds. Pkt., 20c.

422. **B. Rex Hybrida, Mixed**. Beautiful varieties, variegated foliage. Pkt., 25c.

425. **BEGONIA CREDNERI**. The plants attain a height of two to three feet, and produce a profusion of bloom that is astonishing; the leaves are dark green, of a metallic gloss and hairy on surface, dark red underneath, six inches broad by eight inches in length. Pkt., 15c.

**BALSAM.**

(*Lady Slipper, Touch Me Not*.)

350. **B. Extra Double, White Perfection**. This is the handsome, double white Balsam so much grown by florists. Very choice. Pkt., 10c.; oz., \$1.00.

381. **The King**. Brilliant scarlet; very double. Pkt., 10c.

382. **New Challenger Prize**. The flowers are of wonderfully large size, and perfect shape, colors brilliant and varied. Pkt., 10c.; 3 pkts., 25c.

383. **Camellia Flowered**. Very double, and beautiful colors; perfect form. Pkt., 10c.; oz., 80c.

384. **Double**. Extra choice mixed. Pkt., 5c.; oz., 40c.

385. **Double Solferino**. Very beautiful, white ground; striped and streaked with lilac and scarlet. Pkt., 10c.

386. **Royal Camellia Prize**. This is the most magnificent strain of perfectly Double Balsams ever introduced. The flowers are wonderfully large size and perfect shape, of exquisite shades of pure white, white shaded with pale lemon, cream white, salmon, rose, rich crimson, deep pink, violet, bright purple, and a great variety of superbly mottled varieties. Pkt., 10c.; 3 pkts., 25c.

387. **Peach Blossom**. Beautiful pink. Pkt., 10c.



ROYAL CAMELLIA PRIZE BALSAM. Pkt., 10c.

**BROWALLIA.**

The Browallia is valuable alike for blooming during the winter in the house, as well as bedding out during the summer. Remarkably free and attractive bloomers. Half-hardy annual:

470. **B. Elata Cœrulea Grandiflora**. Pale blue; ½ ft. Pkt., 5c.

471. **B. Elata Alba**. Pure white; 1½ ft. Pkt., 5c.

472. **B. Rozzi, Mixed**. An exceedingly pretty species, flowers double the size of the preceding varieties, and forms a dense, compact bush; flowers azure blue and white with a yellow centre; 2 ft. Hardy annual. Pkt., 10c.

**CACALIA** (*Tassel Flower*).

Small, pretty plants with tassel-like flowers, keeping in bloom from early summer until autumn; 1½ ft. Hardy annual.

480. **C. Mixed**. Golden yellow and scarlet. Pkt., 5c.

481. **C. Coccinea**. Scarlet. Pkt., 5c.

**CACTUS.**

485. **C. Mixed**. There is a great deal of pleasure in raising Cacti from seed. In the seed we offer there is a mixture of some twenty varieties. Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.

**CALEOLARIA.**

520. **C. Hybrida Grandiflora, Tall Mixed**. The finest large flowering and most ferocious sort, of the richest colors; 20 in. Pkt., 25c.

521. **C. Hybrida Grandiflora Pumila Compacta, Mixed**. A new strain of dwarf, compact and strong growing sorts, producing large and brilliant self-colored and spotted flowers; 1 ft. Pkt., 35c.

522. **C. Rugosa**. Small flowering varieties for bedding, of the finest colors; 2 ft. Pkt., 40c.

**CALENDULA** (*Marigold*).

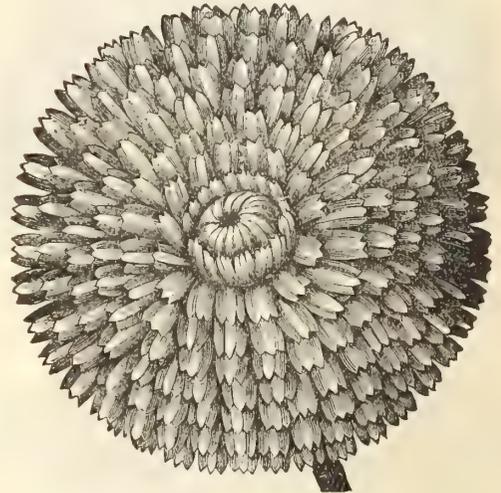
Very free and attractive bloomers, growing well in almost all situations. Hardy annuals.

540. **C. Officialis Meteor**. A splendid large flowering variety, double striped, of a deep orange on a pale yellow ground; 1 ft. Pkt., 5c.; oz., 20c.

541. **Prince of Orange**. A novelty surpassing in beauty *C. Meteor*, the florets being striped with a more intense shade of orange; 1 ft. Pkt., 5c.; oz., 20c.

542. **Ranunculoides, Fl. Pl.** (*Cape or Garden Marigolds*.) Deep orange color; 1 ft. Pkt., 5c.

543. **Calendula**. Fine mixed. Pkt., 5c.; oz., 15c.



CALENDULA, PRINCE OF ORANGE. Pkt., 5c.

**COREOPSIS, or CALLIOPSIS.**

Very showy, free flowering plants, natives of this country; fine for borders and beds, easily cultivated. Hardy annuals.

560. **C. Drummondii**. Yellow, with a circle of rich crimson brown; 1 ft. Pkt., 5c.

561. **C. Atrosanguinea**. Dark crimson; 2 ft. Pkt., 5c.

562. **C. Mixed**. Embracing the most showy colors. Pkt., 5c.; oz., 20c.

563. **Coreopsis Lanceolata**. The flowers of this charming new hardy perennial are borne on long stems, are of a lovely bright golden yellow color, remain in perfection a long time when cut, and are a charming flower for ladies' wear. Pkt., 10c.

564. **Calliopsis Golden Wave**. For a mass of bright color, this is probably the most effective of all annuals. It is, indeed, a wave of gold. Pkt., 5c.; oz., 20c.



CACTUS. Pkt., 15c.

**CAMPANULA (Bell Flower).**

Very attractive plants with pretty bell-shaped flowers; of very easy cultivation.

600. **C. Speculum (Venus' Looking Glass).** Pretty blue, 1/2 ft. Hardy annual. Pkt., 5c.

601. **C. Media, Single Mixed (Canterbury Bells.)** Beautiful, large, bell-shaped flowers; hand-ome for border or pot culture; 2 1/2 feet. Hardy biennials. Pkt., 5c.

602. **C. Media, Double Mixed.** All the finest double varieties; 2 1/2 ft. Hardy biennials. Pkt., 5c.

603. **C. Carpatica, Mixed.** Free flowering, blue and white; bloom the whole season; 3/4 ft. Hardy perennial. Pkt., 5c.



CAMPANULA CUP AND SAUCER. Pkt., 10c.; 3 for 25c.

604. **THE CUP AND SAUCER CAMPANULAS** are a very striking and beautiful variety of **Canterbury Bells**. The flowers are large and resemble a cup and saucer. Colors are mixed blue, blue, rose, lilac and white. Pkt., 10c.

605. **C. PUNCTATA, NEW SPOTTED BELL FLOWER.** An elegant, new, perfectly hardy perennial, about 1 1/2 feet high. The pendulous, bell-shaped flowers are milk white, dotted and striped with red on the inner surface, and as large as the well-known Canterbury Bells. Pkt., 10c.; 3 pkts., 25c.



MARGUERITE CARNATION. Pkt., 10c.; 3 pkts., 25c.

**CARNATION, OR PICOTEE PINK.**

(*Dianthus Caryophyllus Flore Pleno.*)

660. **C. Grenadin.** Blooms much earlier than any other Carnation; more floriferous; larger and finer double flowers, which are of a brilliant scarlet color; 1 ft. Pkt., 10c.

661. **Finest German Double, Mixed.** Saved from extra choice named double flowers; 1 1/2 ft. Pkt., 15c.

662. **Fine Double Mixed.** Comprising the hardiest and best varieties for garden culture; 1 1/2 ft. Pkt., 10c.

663. **C. Marguerite.** Without exception, these are the most abundant bloomers of all the Carnation Pinks. The flowers are of brilliant colors, ranging through many beautiful shades of red, pink, white, variegated, etc.; they are of perfect form and large size.

Those sown in spring commence flowering in early summer, and continue to bloom in lavish profusion until checked by frost. They can be potted and taken in the house and will flower abundantly throughout the winter, though if intended specially for winter flowering, it will be better to sow later in the season. The plants are compact and robust in habit, supporting themselves without the use of unsightly stakes. (See cut.) Pkt., 10c.; 3 pkts., 25c.

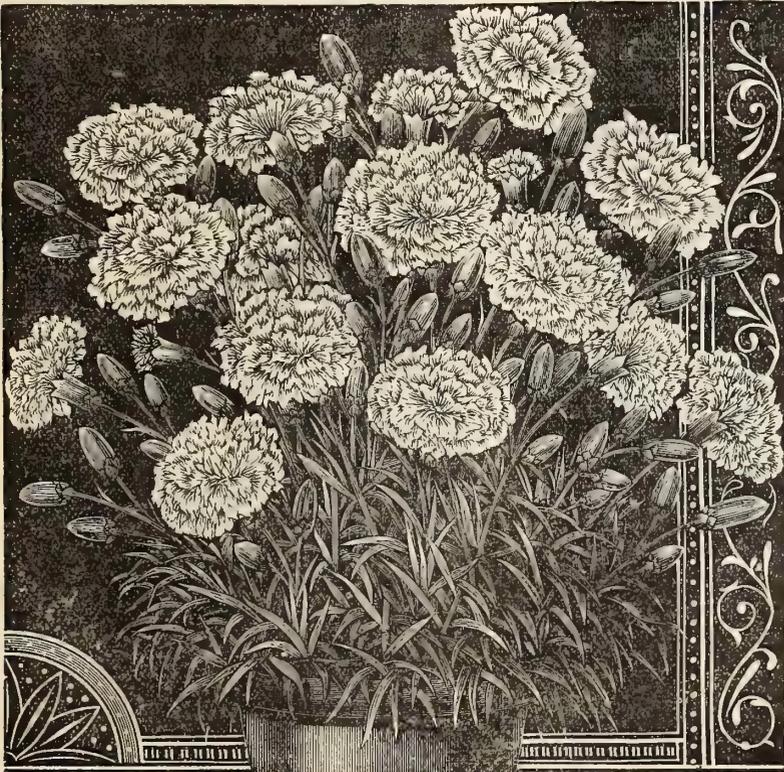
664. **C. Finest Double Striped.** Pkt., 10c.

**NEW GILLAUD PINKS.**

The only strain of Pinks blooming the first season that contains yellow.

665. This new race originated with M. Gillaud, a celebrated French specialist, and, like the *Dianthus Margaritæ*, they contain considerable Carnation blood, and yet possess all of the profuse and early blooming qualities of the annual *Dianthus*.

The Gillaud Pinks bloom profusely in the summer and autumn from spring-sown seed: the flowers are very large, of perfect shape, very fragrant, and last a longer time, either cut or on the plant, than *D. Margaritæ*, and making this strain still more valuable. They contain flowers of clear yellow and others with yellow stripes. The seeds which we offer in mixture contain a magnificent variety of colors and shades. Pkt., 15c.; 2 pkts., 25c.



NEW GILLAUD PINKS. Pkt., 15c.; 2 pkts., 25c.

**CANDYTUFT (Iberis).**

620. **I. White Fragrant.** Pure white, pinnated foliage; 1 ft. Pkt., 5c; oz., 20c.

621. **Crimson.** Very beautiful; 1 ft. Pkt., 5c.

622. **WHITE ROCKET.** Large trusses of pure white flowers; 1 ft. Pkt., 5c.

623. **White Tom Thumb.** A new dwarf variety, growing about six inches high, branching into a handsome bush, about sixteen inches in diameter. Pkt., 5c.

624. **Fine Mixed.** Pkt., 5c; oz., 20c.

625. **C. NEW EMPRESS** One of the finest varieties of recent introduction. It is intermediate in height between the old Rocket and the newer Tom Thumb sort. The plant is of a very branching habit, and assumes, when fully grown and covered with its large trusses of pure white flowers, a very handsome candelabrum-like aspect. Pkt., 10c.

**CANNAS.**

645. **Crozy's Dwarf Large Flowering French.** In this new class of Cannas the foliage is luxuriant and the plants dwarf in habit. Their great merit, however, lies in the large size and brilliant hues of the flowers, ranging through all shades of yellow and orange to the richest crimson, scarlet and vermilion; some are also beautifully spotted. Seed sown in a hot-bed or greenhouse from January to April will produce flowering plants in July. (See cut.)

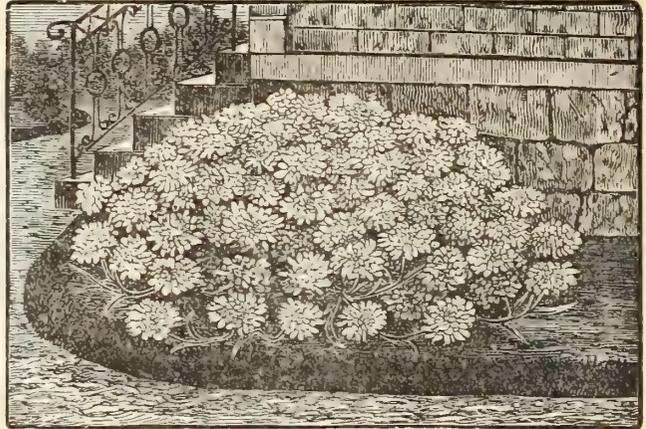
**Mixed.** Pkt., 10c; 3 pkts., 25c.

640. **C. Marechal Vaillant.** Foliage rich maroon; large bright orange flowers; 5 ft. Pkt., 5c.

641. **Tricolor.** Foliage green, red and creamy yellow; bright scarlet flowers; 3 ft. Pkt., 5c.

642. **Finest Mixed.** Embracing twenty of the best sorts. Pkt., 5c; oz., 40c.

643. **C. Gigantea.** 8 ft. Pkt., 5c.



CANDYTUFT "EMPRESS." Pkt., 10c.

**CELOSIA—Continued.**

678. **Glasgow Prize.** Very fine dwarf variety; brilliant crimson comb, and handsome dark variegated foliage; 1 ft. Pkt., 10c.

679. **Cristata.** Finest mixed, Pkt., 5c.

680. **C. Queen of the Dwarfs.** A very dwarf variety, growing only eight inches high, with combs seven to ten inches across, of a rich dark rose color, of very even growth. A fine bedding sort. Pkt., 10c; 3 pkts., 25c.

681. **C. Plumosa.** Of bushy, pyramidal growth, each branch being tipped with a spike of bright crimson flowers; very fine. Pkt., 10c.

**CENTAUREA (Dusty Miller).**

Extensively used for margins, beds and vases. Half-hardy perennial.

685. **Candidissima.** Attractive, silvery, cut leaves. Half-hardy perennials; 1 ft. Pkt., 10c.

686. **Gymnocarpa.** Graceful, finely cut, silvery gray leaves. Half-hardy perennials; 1½ ft. Pkt., 10c.

687. **Cyanus, Mixed (Blue Bottle or Corn Flower).** Beautiful flowers, in bloom all summer; pretty shades of white, blue and deep rose. Hardy annual; 1½ ft. Pkt., 5c.

**GHRYSANTHEMUMS.****ANNUAL VARIETIES.**

704. **Selected Mixed Varieties.** Comprising a full assortment of single and double varieties with the richest variety of colors, rich crimson, golden yellows, striped and mottled. Pkt., 5c.

708. **C. MAXIMUM.** A grand addition to our collection of choice hardy perennials. Its beautiful snow-white flowers are produced in great abundance the whole season, and as cut flowers they are unexcelled in lasting qualities. Pkt., 10c; 3 pkts., 25c.



CROZY'S DWARF LARGE FLOWERING FRENCH CANNAS.  
Mixed, pkt., 10c; 3 pkts., 25c.

**CELOSIA (Cockscomb).**

675. **C. Cristata, Dwarf Crimson.** Large, velvet-like combs; 1 ft. Pkt., 5c.

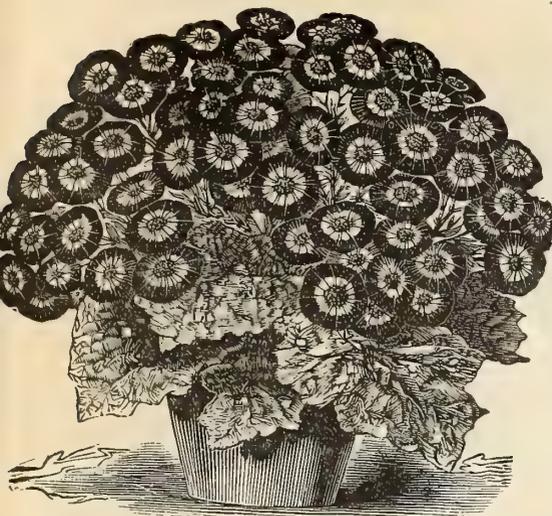
676. **Cristata Variegata.** Brilliant combs of crimson and gold; 3 ft. Pkt., 5c.

677. **Japonica.** A distinct handsome variety, combs of the most brilliant scarlet and ruffled like lace; 2½ ft. Pkt., 5c.



GHRYSANTHEMUM MAXIMUM. Pkt., 10c; 3 pkts., 25c.





PRIZE DWARF CINERARIA. Pkt., 30c.

**CINERARIA** (*Cape Aster*).

Very attractive, free blooming greenhouse plants, blooming during the winter and spring months. Though perennials, they do better when treated as tender annuals.

720. **C. Hybrida Grandiflora, Prize, Tall, Mixed.** Extra selected seed, unsurpassable in quality and beautiful brilliant colors; 2 ft. Pkt., 30c.

721. **Hybrida Grandiflora, Prize Dwarf, Mixed.** Produce the same large and brilliant flowers as the above variety, but only grow about 1 ft. high. Pkt., 30c.

722. **Hybrida Double, Mixed.** Possesses all the varied hues of the hybrid tall and dwarf varieties; 2 ft. Pkt., 25c.

**CINERARIA** (*Dusty Miller*).

740. **C. Maritima Candidissima.** Large, silvery, deeply cut foliage. Pkt., 5c.

741. **Acanthifolia.** Beautifully cut silvery foliage; hardier than the above; 1 ft. Pkt., 10c.

**CLARKIA.**

An old favorite plant, growing well in any garden soil. Seed can be sown either in September or early spring. Hardy annual.

760. **C. Single and Double Mixed.** Beautiful snow-white, rosy crimson and deep rose; 1½ ft. Pkt., 5c.

761. **C. Elegans, Purple King.** Pkt., 5c.

**CLEMATIS.**

780. **C. Jackman's Large Flowering Hybrids.** The flowers will average three inches in diameter, ranging through all conceivable shades of purple, violet, porcelain, blue and white. Hardy perennial; 10 ft. Pkt., 15c.

781. **Coccinea.** Of slender habit, tubular flower, deep vermilion on outside and yellow within. Hardy perennial; 10 ft. Pkt., 10c.

782. **Virginiana.** Greenish white, fragrant flowers; die down to the ground in winter, but start up in the spring. Hardy perennial; 20 ft. Pkt., 5c.

783. **Flammula.** A luxuriant climber, with large clusters of small white, sweet-scented flowers; 15 ft. Pkt., 5c.

**CLINTONIA.**

820. **C. Elegans.** A pretty blue flower, similar in shape to the Lobelia. Splendid for hanging baskets or rock-work, or damp, shady situations. Hardy annual; 1 ft. Pkt., 5c.

**COBEA.**

840. **C. Scandens.** A beautiful rapid-growing climber, with handsome foliage and large bell-shaped flowers, green at first, changing to a beautiful deep violet blue. Half-hardy perennial; 20 to 30 ft. Pkt., 10c.; 3 pkts., 25c.

**COLEUS.**

860. **C. American Hybrids.** Mixed. Seed saved from the finest hybrid sorts; remarkable for their brilliant and varied foliage. Pkt., 15c.

861. **C. New Hybrids.** Choicest new varieties. Pkt., 25c.

**COMMELINA.**

900. **C. Coelestis.** An erect plant, producing pretty sky-blue flowers in great profusion. Roots should be preserved like dahlias; its beauty will increase from year to year; 1½ ft. Half-hardy herbaceous perennial. Pkt., 5c.

**CONVOLVULUS** (*Morning Glory*).

The most popular annual in cultivation. The dwarf varieties are very pretty for bedding, hanging baskets and vases. Hardy annual.

920. **C. Tricolor Roseus.** Beautiful rose color, with pure white centre, fringed with purple shading towards the throat, with five broad bands of golden yellow; 1 ft. Pkt., 5c.

921. **Major, Mixed.** Finest colors; 15 ft. Oz., 15c.; pkt., 5c.

922. **Mauritanicus.** A beautiful trailing plant, with rich blue flowers; 1 ft. Pkt., 10c.

923. **New Crimson Violet.** 1 ft. Pkt., 5c.

924. **Minor, Mixed.** All colors; 1 ft. Pkt., 5c.

**CUPHEA** (*Cigar Plant*).

When planted outside will bloom all summer; on the approach of frost they may be removed to the conservatory, where they will continue to bloom the entire winter. Half-hardy perennial.

940. **C. Hookeriana Grandiflora Superba.** Beautiful vermilion and orange color; 4 ft. Pkt., 10c.

941. **C. Miniata.** Curious flowers of a bright vermilion, with a centre of reddish violet; 1½ ft. Pkt., 10c.

942. **C. Platycentra.** Scarlet. Very pretty species. Pkt., 10c.

**CYCLAMEN.**

960. **C. Persicum.** Charming bulbous rooted plants, with beautiful foliage and rich-colored, orchid-like, fragrant flowers. If seed is sown early they make flowering bulbs in one season. They require sandy loam; half-hardy perennial; 6 in. Pkt., 10c.

961. **C. Giganteum.** Large flowering varieties; mixed. Pkt., 25c.

962. **C. Giganteum.** Album. Large flowering, pure white. Pkt., 25c.

963. **C. Gigant'eum.** Rubrum. Large flowering, red. Pkt., 25c.

**CYPRESS VINE** (*Ipomoea Quamoclit*).

An elegant climbing plant, with beautiful fern-like foliage and masses of beautiful star-shaped flowers; 15 ft. Half-hardy annuals.

980. **Crimson.** Pkt., 5c.

981. **White.** Pkt., 5c.

982. **Mixed.** Pkt., 5c.; oz., 20c.

983. **Scarlet Ivy Leaved.** Deeply lobed ivy-like leaves; flowers fiery scarlet. Pkt., 5c.

**DAHLIA.**

1000. **D. Large Flowering Double.** Comprising every known shade of color. Pkt., 10c.

1001. **Single, Mixed.** Saved from the very choicest single varieties. Pkt., 10c.

**DAISY** (*Bellis Perennis*).

1020. **D. Double Mixed.** Extra quality. Pkt., 10c.

1022. **Longfellow.** Very large double, dark rose flowers, borne on long stems. Pkt., 10c.

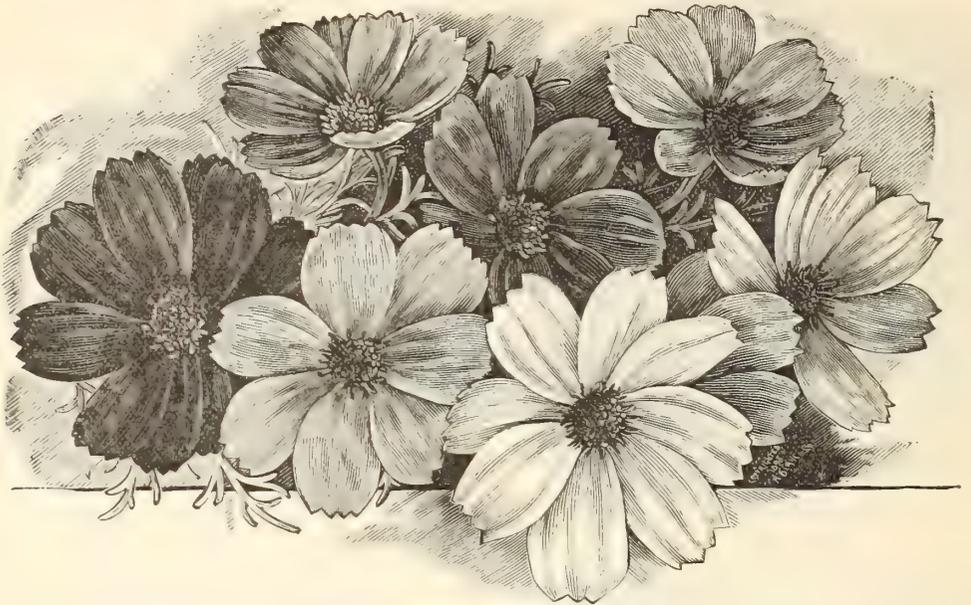
1023. **Snowball.** Has unusually large double flowers, having very long stems, rendering it very valuable for cutting; color, pure white. Pkt., 15c.; 2 pkts., 25c.



**NEW GIANT DAISY.**

1024. (*Bellis perennis* Fl. Pl. maxima.) These new maxima or Giant Daisies are the largest flowering of all known varieties of *Bellis*. They have been obtained and brought to such a state of perfection through judicious selection of the lovely Prince of Wales Daisy. The flowers, which are densely filled with fine petals, are of a size that they could not be covered with a silver dollar, appear in glowing red and rose varieties; they have been admired by every visitor. The seed now offered is perfectly reliable and certain to produce surprising results. Pkt., 15c.; 2 pkts., 25c.

Try for that \$50.00 in Gold for the Biggest Pansy. See Page 89.



MAMMOTH PERFECTION COSMOS. Pkt., 10c.

**NEW BUTTERFLY PEA.**

"Centrosema Grandiflora."

695. It is a hardy perennial vine of rare and exquisite beauty, which blooms early in June from seed sown in April, and bears in the greatest profusion inverted pea-shaped flowers, from one and one-half to two and one-half inches in diameter, and ranging in color from a rosy violet to a reddish purple, with a broad feathered white marking through the centre, while the large buds and back of the flowers are pure white, making it appear as if one plant bore many different colored flowers at one time. Occasionally plants produce pure white flowers, while others are broadly margined with a white feathering. Pkt., 10c.; 3 pkts., 25c.



NEW BUTTERFLY PEA. Pkt., 10c.; 3 pkts., 25c.

**DATURA (Trumpet Flower).**

These Trumpet Flowers, or Thorn Apples, as they are also called, grow two to three feet high, and form a handsome bush, covered with deliciously fragrant flowers, until late in the fall.

1040. **D. Fastuosa Huberiana, Mixed.** Large, double flowers of various colors. Pkt., 5c.

1042. **D. Fastuosa Alba, Fl. Pl.** Large, double, pure white, handsome flowers. Pkt., 10c.

1041. **Wrightii.** Handsome, white, single flowers of exquisite fragrance. Pkt., 5c.

**COSMOS.****Mammoth Perfection Cosmos.**

932. The flowers are double the size of the old large-flowering Cosmos, measuring twelve to fifteen inches in circumference; the petals are broader and overlapping, forming a perfectly round flower deeply ribbed and of splendid substance. For cutting for bouquets and vases this is one of the finest flowers grown, lasting in water for two weeks; the long stems and feathery foliage lend themselves to graceful arrangements.

This new Mammoth strain of Cosmos is the glory of the autumn garden. The plants, five to six feet high, of symmetrical pyramidal form, are one mass of feathery, emerald green foliage, studded with mammoth flowers of white, pink or crimson, enlivening the garden long after more tender flowers have succumbed to early frost. If grown in pots and housed by the end of September they will flower all winter. Price, per pkt., 10c.; 3 pkts., 25c.

930. **Cosmos Hybridus.** Plants four to six feet high; literally covered in the autumn with large single flowers. A group in bloom is a gorgeous sight. Colors range through shades of rose, purple, flesh and white. Pkt., 10c.; 3 pkts., 25c.

931. **C. Pearl.** Beautiful snow white. Pkt., 10c.; 3 pkts., 25c.

**DELPHINIUM (Larkspur).**

1060. **D. Formosum.** Brilliant, rich, blue flowers, with a white centre; 2½ ft. Hardy perennial. Pkt., 5c.

1061. **Nudicaule.** Bright scarlet flowers, with clear, yellow petals; 18 in. Hardy perennial. Pkt., 10c.

1063. **Imperial Flore Pleno (Emperor Larkspur).** With beautiful long spikes of brilliant dark blue, tricolor and red striped, double flowers; 1½ ft. Hardy annual. Pkt., 5c.

1064. **Finest Mixed Hybrids.** A fine collection of twenty sorts; 2 ft. Pkt., 5c.

1065. **Dwarf German Rocket.** Hyacinth flowered larkspur; mixed. Pkt., 5c.

1066. **D. Elatum.** Bee Larkspur. Pkt., 5c.

1067. **D. Chinensis.** Blue Larkspur. Pkt., 5c.

1068. **D. Sulphureum.** A most beautiful sulphur-yellow Delphinium. One of the most beautiful hardy perennials grown. Flowers resemble the finest orchids. Pkt., 10c.

**DIANTHUS (Pinks).**

1080. **D. Chinensis, Fl. Pl. (China Pink).** Extra large, double, fragrant flowers; mixed; 1 ft. Hardy annual. Pkt., 5c.; oz., 25c.

1081. **Heddewigii Diadematis, Fl. Pl. (Double Diadem Japan Pink).** Densely double flowers, three inches in diameter; beautiful tints of crimson, lilac, purple, outer edges fringed with white; 6 in. Pkt., 5c.; oz., 50c.

1082. **Scoticus, Fl. Pl. (Scotch Pinks).** Flowers with fringed edges; mixed colors. Hardy perennial. Pkt., 25c.

1083. **Plumarius, Fl. Pl. (Finest Double Garden Pink).** Hardy perennial. Pkt., 10c.

1084. **D. Imperialis.** Double imperial pink. Pkt., 5c.

1085. **D. Laciniatus, Fl. Pl. (Double Fringed Japan Pink).** Large, double, showy flowers, with fringed edges; mixed; various colors and beautifully striped. Pkt., 5c.

**DIANTHUS OR PINKS.** (*Single Annual Dianthus.*)

Flowers very large, 2 inches and over across, and freely produced, and of the richest colors and finely fringed.

1086. **Crimson Belle.** Magnificent large, single fringed flowers of lustrous velvety crimson. Pkt., 5c.

1087. **Eastern Queen.** Immense single flowers, beautifully fringed, marbled and suffused with carmine rose, mauve and lilac. Pkt., 5c.

1088. **Snowflake.** Pure snow-white flowers of large size, exquisitely fringed. Pkt., 5c.

1089. **Laciniatus, Mixed Colors.** Finest single fringed sorts. Pkt., 5c.

1090. **Heddewigii, Mixed Colors.** Single Japan Pinks. A magnificent strain of Pinks, the flowers averaging 2 to 3 inches across, broad and round, and of many exquisite colors; blotched, splashed, spotted in indescribable confusion. Pkt., 5c.

**DIGITALIS** (*Foxglove*).

1120. **D. Mixed.** Long spikes of beautiful thimble-shaped flowers; 3 ft. Hardy perennial. Pkt., 5c.

**ESCHSCHOLTZIA** (*California Poppy*).

1180. **E. Californica.** Very large, bright yellow flowers, with rich orange centre; 1½ ft. Hardy annual. Pkt., 5c.

1181. **Crocea, Fl. Pl.** Beautiful double; bright orange, scarlet shading to salmon red; 1 ft. Pkt., 5c.

1182. **Fine Mixed.** Comprises the finest colors. Pkt., 5c.

1183. **E. Mandarin.** Inner side of the petal rich orange, the other side brilliant scarlet. Pkt., 5c.

**EVENING PRIMROSE** (*Oenothera*).

2260. **O. Lamarekiana.** Showy, large, delicately fragrant, pale yellow flowers. Pkt., 5c.; oz., 20c.

**EVERLASTINGS.**

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. They should be cut when they come into full bloom, tied into bunches and dried in the shade, with their heads downwards.

1240. **Acroclinium Roseum, Fl. Pl.** Bright rose, double; larger than the old sorts; 15 in. Half-hardy annual. Pkt., 5c.

1241. **Ammobium Alatum Grandiflorum.** A leading everlasting; flowers very large and pure white color. Hardy annual. Pkt., 5c.

1242. **Gomphrena Mixed** (*Bachelor's Buttons*). Remarkably handsome flowers, comprising pure white, crimson, orange and variegated colors; 2 ft. Half-hardy annual. Pkt., 5c.

1243. **Helipterum Humboldtianum** (*Sanfordi*). Large clusters of bright, golden yellow flowers; 8½ ft. Hardy annual. Pkt., 5c.



HELICHRYSUM. Pkt., 5c.

1244. **Helichrysum, Finest Mixed.** Large, beautiful, very double, white, yellow, scarlet; 1½ ft. Hardy annual. Pkt., 5c.

1245. **Rhodanthe, Finest Mixed.** Very rich colors of rose, crimson, purple, carmine and white; 1 ft. Half-hardy annual. Pkt., 5c.

1246. **Xeranthemum.** Leaves silvery, brilliant colors of purple, rose and white flowers, produced on long stems; 2 ft. Pkt., 5c.

**FERNS.**

1280. **F. Choice Mixture for Greenhouse Cultivation.** Comprising most of the desirable and handsome sorts for this purpose. Pkt., 15c.

1281. **Hardy Mixture.** Comprising twelve of the most desirable hardy sorts for outdoor culture. Pkt., 15c.

**GAILLARDIA.**

Very attractive plants, producing a profusion of bloom the entire summer and autumn. Half-hardy annuals.

1300. **G. Pieta Lorenziana.** Sulphur, golden, bright yellow, orange, claret and amaranth; 1½ ft. Pkt., 5c.

1301. **G. Pieta Grandiflora.** Large flowers of rich crimson and yellow; 1½ ft. Pkt., 5c.

1302. **Pieta Nana** (*Painted Lady*). Showy crimson, bordered with yellow; 1 ft. Pkt., 5c.

**GERANIUM.**

A popular and handsome plant, extensively used for bedding; 1 to 3 ft. Half-hardy perennial.

1320. **G. Zonale, Mixed.** Saved from the largest and finest varieties. Pkt., 10c.

1321. **Apple Scented.** Very fragrant; pretty foliage. Pkt., 10c.

**GILIA.**

1340. **G. Tricolor.** Flowers orange yellow, with a white margin, separated by a circle of deep purple; 1 ft. Hardy annual. Pkt., 5c.

**GLOXINIA.**

A bulbous rooted plant, producing in great profusion during the summer months, large, bell-shaped flowers of the richest and most beautiful variety of brilliant colors; the bulbs must be kept warm and dry during the winter; 1 ft.

1380. **Grandiflora, Mixed.** Pkt., 25c.

1381. **Grandiflora Erecta, Mixed.** Rich colored, erect flowers. Pkt., 25c.

1382. **Grandiflora Horizontalis, Mixed.** Rich colored horizontal flowers. Pkt., 25c.

1383. **Grandiflora Pendula, Mixed.** Rich colored drooping flowers. Pkt., 25c.

1384. **Spotted and Tigered.** Finely spotted and marbled. A fine addition to the varieties. Pkt., 25c.

1385. **New Scarlet Defiance.** The flowers of this most beautiful sort are large, borne upright and of an intense, glowing, crimson scarlet color, not before found among Gloxinias. They come true from seed, and will certainly please every lover of this charming plant. Pkt., 25c.

**GODETIA.**

Profuse flowering plants, worthy of more extended cultivation; bloom well in almost any situation.

1400. **G. Lady Satin Rose.** Large, handsome flowers, of carmine crimson, petals tinged with pale lilac; 1 ft. Hardy annual. Pkt., 5c.

1401. **Bijou.** A new variety, with snow-white flowers and a bright carmine spot on each petal; ½ ft. Hardy annual. Pkt., 5c.

1402. **Choice Mixed.** Pkt., 5c.

1403. **Lady Albemarle.** Flowers three inches across, crimson and carmine, delicately suffused with lilac. Pkt., 5c.

**GOURDS.**

**Mixed Ornamental.** A choice assortment. Pkt., 10c.; 3 pkts., 25c.

For other varieties of Gourds see vegetable list, page 38.

**GRASSES** (*Ornamental*).

1440. **Agrostis Nebulosa.** Pkt., 5c.

1441. **Avena Sterilis** (*Animated Oats*); 2½ ft. Pkt., 5c.

1442. **Briza Maxima** (*Rattlesnake Grass*); 1 ft. Pkt., 5c.

1443. **Coix La chrymæ** (*Job's Tears*); 2 ft. Pkt., 5c.

1444. **Erianthus Ravenæ.** Very ornamental. 10 ft. Pkt., 5c.

1445. **Gynerium Argenteum** (*Pampas Grass*); 10 ft. Pkt., 5c.

1446. **Hordeum Jubitum** (*Squirrel-Tail Grass*). Pkt., 5c.

1447. **Zea Japonica Variegata** (*Variegated Japanese Maize*). Striped gold and white. Pkt., 5c.

1448. **Stipa Pennata** (*Feather Grass*); 2 ft. Pkt., 5c.

1449. **Eragrostis Elegans** (*Love Grass*); 1 ft. Pkt., 5c.

1450. **Eulalia Zebrina** (*Zebra Grass*); 7 ft. Pkt., 5c.

**GYPSOPHILA.**

Free flowering and elegant plants for rock-work, baskets and borders.

1480. **G. Elegans.** Pretty star-shaped, white and pink flowers; ½ ft. Hardy perennial. Pkt., 5c.

1481. **Paniculata.** Produces numerous panicles of small, white, handsome flowers; fine for bouquets; 2¼ ft. Hardy annual. Pkt., 5c.

**HEDYSARUM** (*French Honeysuckle*).

1500. **H. Coronarium, Mixed.** A very handsome, free flowering plant, producing beautiful racemes of red and white pea-shaped flowers; particularly adapted for borders; 3 ft. Hardy perennial. Pkt., 5c.



MIXED ORNAMENTAL GOURDS. Pkt., 10c.; 3 pkts., 25c.

**HELIANTHUS** (*Sunflower*.)

A well-known and attractive popular flower of stately growth.

1510. **H. Californicus Plenissimus.** Extra large, double, very showy, saffron-colored flowers; fine; 6 ft. Hardy annual. Pkt., 5c.

1511. **Cucumeritoliis** (*Miniature Sunflower*). Of a very pretty branching habit; flowers orange yellow, with a black centre; blooming profusely until killed by frost; 3 ft. Hardy annual. Pkt., 5c.; oz., 25c.

1512. **Globosus Pistulosus** (*Dahlia Sunflower*). Flowers very double and of medium size; 6 ft. Hardy annual. Pkt., 5c.

**HELIOTROPE.**

These are deliciously fragrant flowers, remaining in bloom a long time; fine for pot culture or bedding; 1½ ft. Half-hardy annual.

1520. **H. Fine, Mixed.** A choice assortment of the choicest fragrant varieties. Pkt., 10c.

**HIBISCUS.**

The two varieties mentioned below are fine branching plants, free blooming and of the easiest culture.

1540. **H. Africanus** (*H. Trionium*). Very pretty foliage and large cream-colored flowers, with brown centre; 2 ft. Hardy annual. Pkt., 5c.

1541. **Palustris.** Beautiful, large pink flowers; 3 ft. Hardy annual. Pkt., 5c.

**HOLLYHOCK** (*Althea Rosea*.)

This is one of the oldest inhabitants of our gardens, and now ranks as one of the finest autumn flowers; 6 ft. Hardy perennial.

1560. **H. Double White.** The newest strain of perfectly double pure white flowers. Pkt., 10c.

1561. **Double Yellow.** Comprising the finest shades of orange, straw and buff. Pkt., 10c.

1562. **Double Pink and Red.** Pkt., 10c.

1563. **Extra Choice Double Mixed.** Chater's Prize Collection. Pkt., 10c.

**HUMULUS JAPONICUS, or JAPANESE HOP.**

**HUMULUS JAPONICUS.** Pkt., 10c.; 3 pkts., 25c.

house or bedding plants, embracing every shade; white, pink, orange and purple. Half-hardy perennial; 2 ft. Pkt., 5c.

**LATHYRUS** (*Hardy Sweet Peas*.)

1740. **L. Latifolius.** A handsome, free flowering plant, useful for covering trellises, old stumps, fences, etc. Flowers a beautiful scarlet. Hardy perennial; 5 ft. Pkt., 10c.

1741. **L. Latifolius Albus.** Large clusters of pure white; grand, hardy, low climber. Pkt., 10c.

1742. **L. Splendens.** This is a fine novelty from California, described as being one of the finest flowers that wonderful country has given us. It bears dense clusters of brilliant deep rose flowers. Pkt., 10c.; 3 pkts., 25c.

**KENILWORTH IVY** (*Linaria*.)

1780. **L. Cymbalaria.** A very handsome, small, neat, trailing plant; admirably suited for baskets. Hardy perennial; 8 ft. Pkt., 10c.

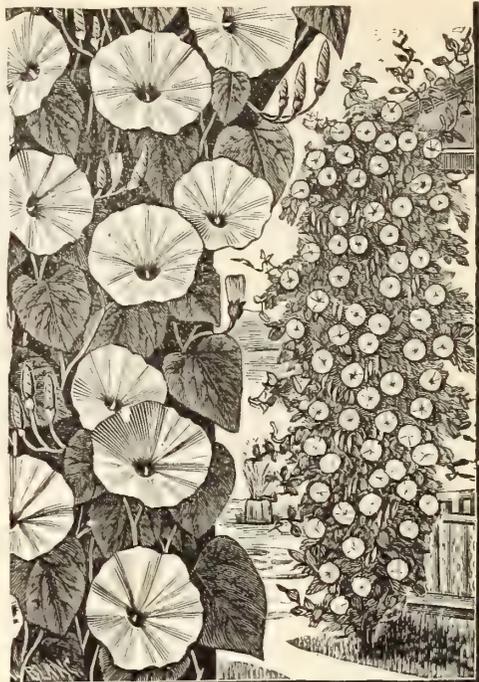
1620. A wonderful new annual climber from Japan growing with great rapidity, and very dense foliage. Color is a lively green. It is undoubtedly one of the best climbers for covering verandas, trellises, etc.; 20 ft. Hardy annual. Pkt., 10c.; 3 pkts., 25c.

**IMPATIENS SULTANI.**

1640. One of the most distinct and beautiful plants of recent introduction for the warm greenhouse or summer bedding; owing to its gorgeous coloring and profuse and continuous flowering it is rapidly becoming popular. The flowers are of a brilliant rosy scarlet color, about one and a half inches in diameter. Pkt., 15c.; 2 pkts., 25c.

**LANTANA.**

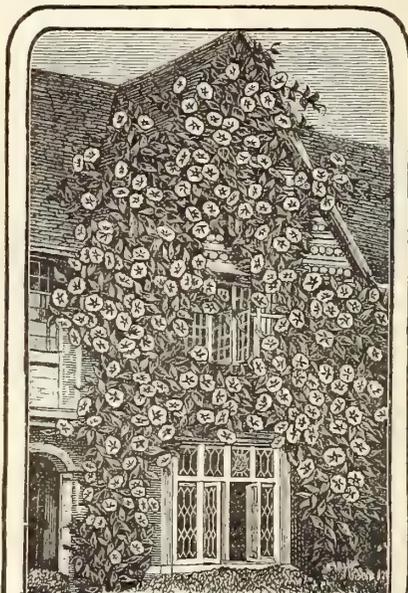
1720. **L. Hybrida, Mixed.** Desirable green-



**NEW IPOMEA HEAVENLY BLUE.** Pkt., 10c.; 3 pkts., 25c.

**IPOMEA "HEAVENLY BLUE."**

1665. The color of the flowers of this wonderful new annual climber is an out-and-out sky blue, the lovely blue so rarely seen; centre of flower shaded lighter, delicately rayed with a glow of yellow deep in the throat. In the morning about nine o'clock it is completely covered with bloom, so much so as to almost cover the foliage. Price, pkt., 10c.; 3 pkts., 25c.



**MOONFLOWER, IPOMEA NOCTIFLORA.** Pkt., 10c.

1660. **I. Bona Nox** (*Evening Glory, or Good Night*). Very large white, fragrant flowers; 10 ft. Pkt., 5c.

1661. **I. Coccinea** (*Star Ipomæa*). Handsome little scarlet flowers; 10 ft. Pkt., 5c.

1662. **I. Huberi, Mixed.** Comprising all the new Japanese Hybrids; 10 ft. Pkt., 5c.

1663. **I. Hederacea.** Mixed, very fine. Pkt., 5c.

1664. **I. Noctiflora, or Grandiflora Alba** (*White Seeded*). Moonflower. Pkt., 10c.; 3 pkts., 25c.

**LOBELIA.**

Handsome little plants, admirably adapted for borders, vases, pots or hanging baskets. Half-hardy annual.

1840. **L. Erinus Crystal Palace Compacta.** A compact, deep blue variety; ½ ft. Pkt., 10c.

1841. **L. Erinus Speciosa Alba Maxima.** Showy white flowers of drooping and spreading habit; ½ ft. Pkt., 5c.

1842. **L. Cardinalis (Cardinal Flower).** A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 ft. Pkt., 10c.

1843. **L. Gracilis.** Light blue; long, slender, trailing stems. Pkt., 5c.

1844. **Mixed Finest Erinus, or Trailing Varieties.** Best for baskets, vases, etc. Pkt., 5c.

1845. **Mixed Erecta Compacta Varieties.** Best for edgings, ribbon beds, etc. Pkt., 5c.

1846. **L. ERINUS COMPACTA "GOLDEN QUEEN."** A new Lobelia with golden yellow foliage and brilliant blue flowers. This novelty will be a most valuable addition to the list of our bedding plants. The effect of Lobelia Golden Queen, in the fulness of its brilliant blue mass of flowers rising above the golden yellow foliage, is perfect in appearance. Pkt., 10c.; 3 pkts., 25c.

**LYCHNIS.**

1900. **L. Chalcedonica.** Brilliant scarlet flowers; blooms the first year. Hardy perennial; 2 ft. Pkt., 5c.

**MARIGOLD (Tagetes).**

A very showy and popular plant of easy culture. Half-hardy annual.

1940. **Gold Striped.** The flowers of this beautiful variety are regularly striped with a golden yellow and exquisite chestnut brown; ½ ft. Pkt., 5c.

1941. **El Dorado.** Flowers 3 to 4 inches in diameter; perfectly and extremely double, and embracing every shade; ½ ft. Pkt., 5c.

1942. **Dwarf French, Mixed.** Seed saved from the choicest double flowers; 1 ft. Pkt., 5c.; oz., 15c.

1943. **Large African.** Very double flowers, orange, brown and yellow. Pkt., 5c.; oz., 15c.

**MIGNONETTE.**

A well-known and universal garden favorite, and one that requires no extra instruction for growing. Hardy annual.

2020. **M. Sweet Scented (Reseda Odorata).** 1 ft. Oz., 10c.; pkt., 5c.

2021. **Grandiflora Amellorata.** Petals of a reddish tint; 1¼ ft. Oz., 10c.; pkt., 5c.

2022. **Golden Queen.** Flowers golden yellow; 1¼ ft. Pkt., 5c.; oz., 25c.

2023. **Parson's White.** Strongly scented, large, well-formed spikes; 1¼ ft. Pkt., 5c.; oz., 35c.

2024. **Machet.** Produces long, broad spikes of deliciously scented red flowers; 1 ft. Pkt., 10c.; oz., 60c.

2026. **Miles' Hybrid Spiral.** Pure white; 1 ft. Pkt., 5c.; oz., 25c.

2027. **Giant White Spiral.** This grand Mignonette grows two to three feet high, perfectly erect, and the flower spikes of wonderful size and snowy whiteness. Its fragrance is rich and powerful, and will produce much more bloom than any other variety. Seed may be sown in April or May, and it will commence blooming in June. Pkt., 5c.; oz., 25c.



MIGNONETTE MACHET. Pkt., 10c.

2028. **Mignonette Improved Victoria.** This new Mignonette is a perfect beauty in every respect. Grows only about six inches high, and will put every lover of flowers in ecstasy by its perfectly regular, pyramidal habit and the elegant, beautifully formed spikes which are profusely covered with pretty brilliant red flowers. The flower is larger and of a more brilliant red color than that of the old Victoria Mignonette, and contrasts grandly with the dark glossy green foliage. Pkt., 10c.; 3 pkts., 25c.

**MARVEL OF PERU (Mirabilis).**

This is the fine old garden plant known as Four O'Clocks. It succeeds well in any garden soil; a very showy and popular flower. Hardy annual.

1960. **M. Mixed.** Beautiful colors; 2 ft. Pkt., 5c.; oz., 10c.

1961. **New Dwarf White.** Snowy white flowers and fine yellow foliage; 10 in. Pkt., 5c.

**MESEMBRYANTHEMUM.**

Dwarf growing, profuse flowering plants of great beauty. Half-hardy annual.

2000. **M. Crystallinum (Ice Plant).** Flowers white, with ice-like foliage. Pkt., 5c.

2001. **Tricolor (Wax Pink).** Very pretty; rosy pink flowers; ½ ft. Pkt., 5c.

**MOMORDICA.**

2090. **M. Balsamina (Balsam Apple).** The fruit when ripe is useful for medicinal purposes. Half-hardy annual; 15 ft. Pkt., 5c.; oz., 20c.

2091. **M. Charantia (Balsam Pear).** Same as the above, excepting that the fruit is longer in shape. Pkt., 5c.; oz., 20c.

**MIMULUS (Monkey Flower).**

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur and yellow grounds, spotted with crimson, scarlet and pink; fine for the greenhouse or moist, shady situation; half-hardy perennials; blooming the first year from seed if sown early; 1 ft.

2060. **M. Moschatus (Musk Plant).** Beautiful yellow flowers; ½ ft. Pkt., 5c.

2061. **M. Cardinalis.** Flowers of a brilliant scarlet hue; hardy; 1 ft. Pkt., 10c.

2063. **M. Tigrinus.** The finest tigered and spotted varieties, rivaling the calceolaria in its brightness; mixed colors. Pkt., 5c.

**MYOSOTIS (Forget-Me-Not).**

Popular and beautiful little plants, with neat, star-like flowers, blooming the first year from seed. Half-hardy perennial.

2100. **M. Palustris (The True Forget-Me-Not).** Beautiful blue flowers; ½ ft. Pkt., 5c.

2101. **Alba.** Pure white; ½ ft. Pkt., 5c.

2102. **Disitiflora.** Large, dark blue flowers, compact and very early; ½ ft. Pkt., 10c.

2103. **NEW FORGET-ME-NOT VICTORIA.** Grows perfectly round in shape, 5 to 7 inches high and 8 to 10 inches in diameter, and is entirely covered with large umbels of flowers of azure blue. This beautiful forget-me-not is the best of all for edgings and growing in pots for market. Pkt., 10c.

2104. **NEW MYOSOTIS ROSE VICTORIA (Myosotis Alpestris Victoria Rosea).** The flowers of this new variety are of a lovely rose color, with the characteristic central double bloom, as well as in habit and growth, of the well-known blue Victoria. Pkt., 10c.

**MYRSIPHYLLUM (Smilax).**

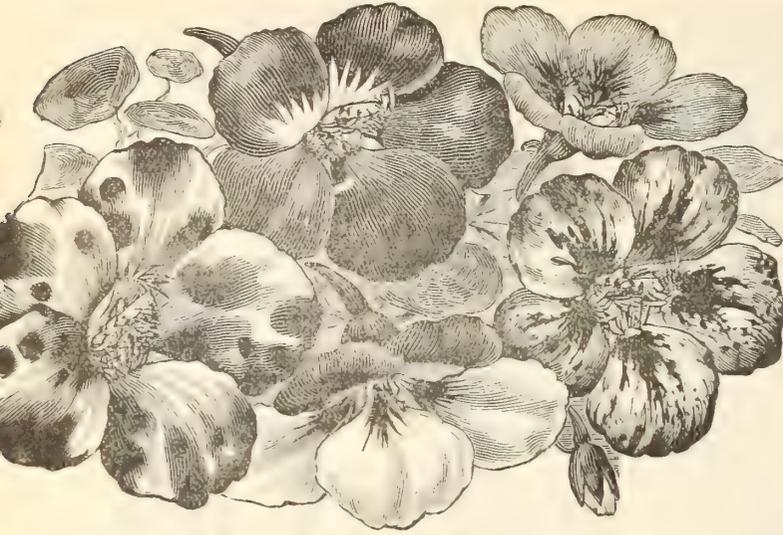
2120. **M. Asparagoides.** Beautiful, delicate, wavy, glossy, deep green foliage; 10 ft. Tender perennial. ¼ oz., 20c.; oz., 60c.; pkt., 10c.



BALSAM APPLE.



NEW MYOSOTIS, ROSE VICTORIA. Pkt., 10c.



DWARF MIXED NASTURTIUMS. Pkt., 5c.; oz., 15c.

## PETUNIA.

The hybrid sorts are especially fine in mixed borders and beds, while the larger flowering kinds, with their delicate colors and pervading fragrance, are deserving favorites for pot culture.

### SINGLE VARIETIES (for Bedding).

2340. **P. Dwarf Inimitable.** Dwarf plants; 6 to 8 inches high; flowers cherry red, with a white centre; splendid for edgings, massing, etc. Pkt., 10c.  
 2341. **P. Striped and Blotched.** Extra strain. Pkt., 5c.  
 2342. **P. Alba.** White; suitable for cemetery. Pkt., 5c.  
 2343. **P. Choice Single Mixed.**  $\frac{1}{4}$  oz., 20c.; pkt., 5c.

### SINGLE LARGE FLOWERING SORTS.

The flowers of this class are from 4 to 6 inches in diameter, beautifully marked, veined and spotted.

2345. **P. Grandiflora Venosa.** Large flowering, finest shade of color, beautifully veined. Pkt., 10c.  
 2346. **P. Grandiflora Fimbriata.** A fine strain with handsomely frilled and fringed flowers. Pkt., 20c.  
 2347. **P. Yellow Throated.** The flowers are very large and of perfect form, with a broad, deep yellow throat, veined very much like a *Salpiglossis*. Pkt., 20c.  
 2348. **P. "Giants of California."** A Californian strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely ruffled or fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the tremendous varieties of colors, markings, veinings, blotchings and stripings, in the most grotesque and beautiful combinations; some with charming deep throats of yellow, white, black, green or maroon, running off into intricate veins. Some of the colors are rich and gorgeous and others of lovely delicate shades. (See cut.) Pkt., 20c.

### DOUBLE FLOWERING SORTS.

The seed of these is obtained by artificial feundation, and about thirty per cent. of double flowers may be expected.

2350. **P. Dwarf Double Liliput** (*Nana Compacta Multiflora, Fl. Pl.*). New double kind, producing bushy plants covered with double flowers, which are partly spotted, blotched and self-colored, making a very pretty plant when in full bloom. Pkt., 25c.  
 2351. **Double Mixed.** Best large flowering double, in finest mixture. Pkt., 25c.  
 2352. **Extra Large Flowering, Double Fringed.** This extra choice strain produces about thirty per cent. of splendid double fringed flowers. Pkt., 35c.  
 2353. **Extra Large Flowering, Double Fringed** (*Lady of the Lake*). This seed will produce about thirty per cent. of large, double, pure white fringed flowers. Pkt., 30c.

## NASTURTIUM.

The dwarf varieties of *Nasturtium* are among the most useful and beautiful annuals for bedding, massing, etc., owing to their compact growth, richness of color and profusion of bloom. The tall sorts are admirably adapted for rock-work, covering trellises or rustic work. They flower most profusely when planted in a poor soil, and remain in bloom for a long time; stand heat and drought without the slightest effect. The seed, if picked young, is an excellent substitute for capers.

### DWARF VARIETIES.

2140. **Scarlet.** Pkt., 5c.; oz., 15c.  
 2141. **Yellow.** Pkt., 5c.; oz., 15c.  
 2142. **Pearl.** New creamy white. Pkt., 10c.; oz., 20c.  
 2143. **Empress of India.** Splendid, very dark leaves and crimson flowers. Pkt., 5c.; oz., 20c.  
 2144. **King Theodore.** Bluish green foliage, flowers velvet crimson. Pkt., 5c.; oz., 20c.  
 2145. **Lady Bird.** A new and distinct sort, rich golden yellow, each petal barred with a broad vein of bright ruby crimson; very showy and charming. Pkt., 10c.; oz., 20c.  
 2146. **Aurora** (*Novelty*). The ground color of this new dwarf variety is chrome yellow, the upper petals being of a lighter tint; the two lower ones are spotted and veined with purplish carmine; fine. Pkt., 10c.; oz., 20c.

2147. **Dwarf Varieties, Mixed.** Comprising a fine mixture. Pkt., 5c.; oz., 15c.

### TRAILING VARIETIES (*Tropaeolum Lobbianum*).

- The leaves and flowers are somewhat smaller than the Tall *Nasturtiums*, but their greater profusion renders them superior for trellises, arbors, for hanging over vases, rock-work, etc.; the flowers are of unusual brilliancy and richness; they are also splendid for winter decoration in the greenhouse and conservatory. Half-hardy annual; 4 to 6 ft.  
 2148. **Asa Grey** (*Novelty*). The flowers of this new kind represent the lightest shade hitherto obtained among *nasturtiums*. Pkt., 10c.  
 2149. **Napoleon III.** Yellow striped, rosy scarlet. Pkt., 5c.  
 2150. **Roi des Noirs.** Almost black. Pkt., 5c.  
 2151. **Splfire.** Fiery red. Pkt., 5c.  
 2152. **Lobb's Nasturtiums, Mixed.** Pkt., 5c.; oz., 20c.

### TALL NASTURTIUMS.

2153. **Nigro Purpureum.** Very dark maroon. Pkt., 5c.  
 2154. **Tall Orange.** Pkt., 5c.; oz., 15c.  
 2155. **Tall Scarlet.** Pkt., 5c.; oz., 15c.  
 2156. **Tall Mixed.** Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.



PETUNIA "GIANTS OF CALIFORNIA." Pkt., 20c.

# KINGLY PANSIES

OUR CROWNED  
COLLECTION



IN OUR  
CROWNED  
KINGLY COL-  
LECTION  
MIXED PANSIES,

We have a strain that cannot be surpassed in size of flower, perfection of bloom or for the variety of markings and richness of coloring. They bloom profusely throughout the entire summer.

**JOHNSON & STOKES' KINGLY COLLECTION OF GIANT PANSIES, MIXED.**

2299. This superb collection cannot be surpassed for size, shape, markings, or richness of color of the flowers. Pkt., 25c.; 1/2 oz., \$1.00.

2280. **P. Imperial German Large Flowering** Embracing fifty choice prize varieties in every known color and marking. Liberal pkt., 15c.; 2 pkts., 25c.; oz., \$5.00.

2281. **Bugnot's Large Stained.** A new French variety, flowers of enormous size; the colors are extremely varied. Pkt., 25c.; 5 pkts., \$1.00.

2282. **Giant Trimardeau.** Flowers of great size and in an endless variety of beautiful shades. Pkt., 15c.; 2 pkts. for 25c.

	Per packet.
2286. Black (Faust) . . . . .	5
2274. Bronze-Colored . . . . .	5
2275. Emperor William, Ultramarine Blue . . . . .	5
2276. English Large Flowering, Fine Mixed . . . . .	10
2277. Fire Dragon, Fiery Orange and Bronze . . . . .	5
2278. Lord Beaconsfield, Deep Purple Violet . . . . .	5
2279. Odier, Extra Large Blotched, Rich Colors, per 1/4 oz., \$1.25 . . . . .	10
2283. Prince Bismarck, Beautiful Golden Bronze . . . . .	5
2284. Quadricolor, or Pheasant's Eye . . . . .	5
2285. Snow Queen, Satiny White . . . . .	5
2287. Striped and Mottled, Large Flowered . . . . .	10
2288. Johnson & Stokes' Giant White . . . . .	10
2289. Johnson & Stokes' Giant Yellow . . . . .	10
2290. Johnson & Stokes' Giant Emperor William, Blue . . . . .	10
2291. Johnson & Stokes' Giant Black . . . . .	10
2292. Johnson & Stokes' Giant Striped . . . . .	10
2293. Johnson & Stokes' Giant Mixed . . . . .	10
2296. Johnson & Stokes' Blotched, Mixed . . . . .	15
2297. White, Pure, Without Eye . . . . .	5
2298. Yellow Gem, Pure Yellow, Without Eye . . . . .	5
2300. Finest German, Mixed, per oz., \$1.00 . . . . .	10
2301. Fine Mixed, per oz., 75c. . . . .	5
2302. Gold Margined, All Colors . . . . .	5
2303. Light Blue, Sky Blue, Fine . . . . .	5
2304. White, with Dark Centre . . . . .	5
2305. Yellow, with Black Centre . . . . .	5
2306. Mahogany Colored, Splendid . . . . .	5
2307. Havana Brown, New Shades . . . . .	5
2308. Azure Blue, Very Fine . . . . .	5

**\$50.00 IN GOLD PREMIUMS FOR BIGGEST PANSIES.**

We know that in our "Kingly Collection of Giant Pansies Mixed" we have a fine strain of pansies as it is possible to produce. To stimulate an effort to show them at their best, we offer the following **GOLD PRIZES:**

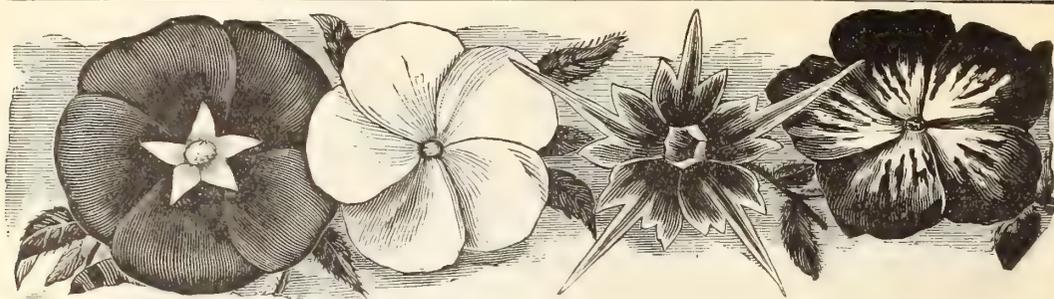
- \$25.00 in Gold for the Largest Pansy.
- 10.00 in Gold for the Next Largest.
- 5.00 in Gold for the Next Largest.
- 3.00 in Gold for the Next Largest.
- 2.00 in Gold for the Next Largest.
- 1.00 in Gold for the Next Largest.
- 1.00 in Gold for the Next Largest.
- 1.00 in Gold for the Next Largest.
- 1.00 in Gold for the Next Largest.

**CONDITIONS OF COMPETITION.**

Competition is open to all who purchase of us, during 1896, a packet of our J. & S. Kingly Collection of Giant Pansies Mixed. Inside of each packet will be found a card, on which the flower must be carefully mounted and pressed, and sent to us on or before October 1st, 1896.

**TRY FOR IT.** We would rather pay the premiums to you than to anybody else we know.

Number of Pansy, 2299.



PHLOX, LARGE FLOWERING, MIXED. Pkt., 10c; oz., 75c.

## Phlox Drummondii.

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues, throughout the summer. Hardy annual; 1½ feet.

2360. **Phlox Drummondii, Mixed Colors.** Pkt., 5c; oz., 50c.

### LARGE FLOWERING PHLOX.

An improved strain, with very large, perfectly round flowers, the petals overlapping each other. (See cut.)

2371. **Large Flowering, Mixed.** Pkt., 10c.

2376. **New Dwarf Large Flowering, Mixed.** Splendid for pot culture and ribbon bedding. Pkt., 10c.

2367. **Star of Quedlinburg.** The flowers of this striking novelty have a most distinct and star-like appearance. (See cut above.) Pkt., 10c; 3 pkts., 25c.

2366. **Hardy Perennial Phlox.** Fine mixed varieties. Pkt., 10c.

### POPIES.

Showy plants, making a gorgeous display of large brilliant flowers. They are of easy culture, but the seed should be sown where it is to remain, as they will not bear transplanting.

2380. **P. Umbrosum.** Brilliant, deep scarlet, marked with four large black spots. Pkt., 5c.



2384. **P. SNOWDRIFT.** This charming new poppy produces pure snowy white extremely double flowers, of perfect form and large size. Pkt., 10c.

2389. **Fire Dragon.** Brilliant scarlet, with black spots margined white. Pkt., 5c.

2390. **P. Double Paeony Flowered, Mixed.** Immense double flowers, in form resembling paeonies. Pkt., 5c.

2381. **P. Mikado (New Striped Japanese Poppy).** The flowers double, white striped crimson, with elegantly curved petals like a Japanese chrysanthemum. Pkt., 10c.

2382. **Carnation Flowered, Mixed.** Splendid large double flowers. Pkt., 5c; oz., 20c.

2383. **New Shirley.** Is perfectly hardy, and flowers profusely the first season from seed. The colors are pure, soft and varied, and range from bluish white, rose, delicate pink and carmine, to a bright sparkling crimson. Pkt., 5c.

2385. **P. THE BRIDE.** A beautiful new variety, with very large, fine white flowers of perfect form. Pkt., 10c.

2386. **P. Orientale.** Large oriental poppy; a stately perennial; 2½ ft.; with bold showy flowers. Pkt., 10c.

2387. **P. NEW WHITE SWAN.** The flowers of this beautiful Poppy are of immense size, very double, with beautifully lacinated petals, and of the purest possible white. Pkt., 10c.

2388. **P. Glaucum (New Tulip Poppy).** A glossy new annual poppy, twenty inches high, with beautifully shaped, large flowers, four inches across, of a most brilliant dark scarlet. The two outside petals are double the size of the inner ones, and each pair forms by itself a round cup of flower, which nearly resembles a single tulip. Pkt., 10c; 3 pkts., 25c.

2391. **P. Mixed.** Composed of the finest double and single annual sorts. Pkt., 5c; oz., 20c.

### PORTULACA.

2400. **P. Finest Single, Mixed.** A large variety of the most brilliant colors. Pkt., 5c; oz., 40c.

2401. **Double Rose Flowered, Mixed.** The most brilliant shades and choice flowers. Pkt., 10c.

### PRIMULA (Primrose).

2420. **P. Fimbriata Sinensis, Extra Choice, Mixed.** Very large magnificent flowers of the richest and most varied colors. Pkt., 25c.

2421. **Fimbriata Flore Pleno, Mixed.** An exceedingly choice strain of double varieties. Pkt., 35c.

2422. **Fimbriata Sinensis, Fine Mixed.** Pkt., 15c.

2423. **P. Veris (English Cowslip).** Pkt., 5c.

2424. **P. OBCONICA.** A profuse blooming primrose, bearing on long stems heads containing ten to fifteen flowers. The flowers are pure white, shading occasionally to lilac, and have the true primrose fragrance. Pkt., 10c; 3 pkts., 25c.

### PYRETHRUM (Feverfew).

2440. **P. Parthenifolium Aureum (Golden Feather).** A highly ornamental golden yellow foliage plant, unexcelled for bedding. Hardy perennial; 1½ ft. Pkt., 5c; oz., 50c.

2441. **P. Roseum (Persian Insect Powder Plant).** Handsome aster-like flowers, with pink rays and deep yellow centres; foliage fern-like, most beautifully cut. Pkt., 10c.

### RICINUS (Castor Oil Bean).

2460. **R. Gibsoni.** Handsome deep red foliage, compact branching habit; 5 ft. Pkt., 5c.

2461. **Sanguineus.** Leaves green, stalks blood red, showy red fruit; 8 ft. Pkt., 5c.

2462. **Philippinensis.** A majestic variety, with beautiful gigantic foliage; 10 ft. Pkt., 5c.

2463. **Mixed.** Many choice sorts. Pkt., 5c; oz., 20c.

2464. **RICINUS, DUCHESS OF EDINBURGH.** The stem and leaves of this beautiful plant are of a bright metallic bronze; the large branches of the fruit are of a vivid red, and as they are borne up some ten or twelve feet from the ground, it gives a tropical effect that is unexcelled. All this can be obtained in one year from the seed. Pkt., 5c; oz., 20c.

2465. **Ricinus Zanzibariensis.** The leaves of this new variety attain a gigantic size, measuring 2 to 2½ ft. across, and include light and dark green and coppery bronze colors. This stately plant will give the lawn a fine tropical effect. Pkt., 10c; 3 pkts., 25c.

### SALVIA.

A very ornamental free-flowering plant, remaining in bloom until killed by frost.

2520. **S. Splendens (Scarlet Sage).** Large spikes of vivid scarlet flowers; 2 ft. Pkt., 10c.

2521. **Patens.** Superb deep blue flowers; 2 ft. Pkt., 10c.

2522. **Salvia Splendens Ingenieur Clevnad.** A new and splendid variety of this old favorite, blooming some two months earlier than the old sort, and producing flowers in the greatest profusion, of a splendid brilliant scarlet red. Pkt., 15c; 2 pkts., 25c.

### SALPIGLOSSIS (Velvet Flower).

2500. **S. Fine, Mixed.** Sky-blue and scarlet flowers, very beautifully penciled. Hardy annual; 1½ ft. Pkt., 5c.

2501. **SALPIGLOSSIS GRANDIFLORA.** The large flowering Salpiglossis is one of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors and exquisitely veined and laced. They remain long in bloom, and in rich coloring they vie with orchids. Pkt., 5c.



Dainty. Delicate. Lovely.  
**SWEET PEAS.**

The improvement in Sweet Peas the past few years has been marvellous and the good work steadily goes on, and at the same time, with this improvement, the price is coming down, so that the very finest sorts are now within the reach of every one. The seed should be sown *as early as the ground can be worked* in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of summer. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming.



- 2707. **Adonis.** Soft rosy pink.
- 2708. **Apple Blossom.** Bright pinkish rose.
- 2712. **Blanch Ferry.** Pink standards and white wings.
- 2681. **Blushing Beauty.** A very soft pink.
- 2713. **Boreatton.** Deep maroon self, rich and velvety.
- 2702. **Butterfly.** White, edged and shaded with blue.
- 2738. **Countess of Radnor.** Delicate lavender.
- 2724. **Captain of the Blues.** Bright blue.
- 2725. **Dorothy Tennant.** Rosy, mauve self.
- 2727. **Duke of Clarence.** Clear, rich, rosy claret.
- 2722. **Emily Henderson.** A pure white; very large.
- 2715. **Empress of India.** Rosy, pink and white.
- 2728. **Firefly.** Intense scarlet crimson, of good size.
- 2729. **Gaiety.** White, striped with rosy lilac.
- 2730. **Her Majesty.** Large, showy; soft rosy pink.
- 2731. **Ignea.** Fiery crimson scarlet.
- 2718. **Isa Eckford.** Creamy white, with pink blush.

- 2732. **Lemon Queen.** Almost white, with lemon tint.
- 2723. **Lottie Eckford.** Creamy white, with blue edge.
- 2733. **Miss Hunt.** Pale carmine standards, pink wings.
- 2734. **Mrs. Sankey.** Eckford's best pure white.
- 2735. **Monarch.** Bronze-crimson and blue.
- 2714. **Orange Prince.** Bright orange pink.
- 2736. **Primrose.** Light primrose yellow.
- 2709. **Princess Beatrice.** Beautiful soft pink and rose.
- 2720. **Princess of Wales.** Striped mauve on white ground.
- 2711. **Queen of the Isles.** Scarlet, with white stripes.
- 2701. **Scarlet Invincible.** Good scarlet.
- 2721. **Senator.** Chocolate stripes on creamy ground.
- 2717. **Splendor.** Bright rose pink, shading into crimson.
- 2719. **The Queen.** Rosy pink, shaded light mauve.
- 2737. **Venus.** A grand salmon buff.
- 2726. **Eckford's Choice Varieties, Mixed.**

**NOTE THE LOW PRICES.**

ANY OF THE ABOVE VARIETIES: Packet, 5c.; ounce, 10c.; ¼ pound, 20c., by mail, post-paid.

**NOVELTIES IN SWEET PEAS.**

- Firefly.** Intense scarlet crimson; very large flower.
- Mrs. Eckford.** Very large, beautiful self colored primrose yellow.
- Mrs. Gladstone.** Very fine delicate pink, with blush wings.
- Blanche Burpee.** Eckford's newest and finest large pure white.

- Lady Penzance.** A beautiful laced rose-pink, touching orange; wings darker and purer pink. Of superb, large form.
- Peach Blossom.** Salmon-pink standards, upper half shading into buff-white; wings rich, soft pink. Very distinct.

Price of any of above six Novelties: 8c. per packet, or one packet each of the six, for 30c.

**ECKFORD'S CHOICEST MIXED.**

This comprises a fine variety of choice sorts mixed.

**NOTE THE PRICES.** Packet, 5c.; ounce, 10c.; ¼ lb., 15c.; pound, 40c., post-paid.

For Bargain Collections of Flower Seeds see page 93.

**SCABIOSA** (*Mourning Bride*).

A handsome border plant, bearing a profusion of beautiful fragrant flowers; very handsome for table bouquets. Hardy annuals.

2580. **S. Candidissima Alba Plena.** Pure white, double flowers; 2 ft. Pkt., 5c.  
2551. **Dwarf Mixed.** White, red and purple flowers; 1 ft. Pkt., 5c.

2040. **Sensitive Plant** (*Mimosa*). A curious plant. The leaves will close if touched or shaken; 1 ft. Half-hardy annual. Pkt., 5c.

**SMILAX.**

2120. Largely used by florists in arranging bouquets. Pkt., 10c.; ¼ oz., 20c.; oz., 60c.

**STOCKS, or GILLIFLOWERS,**

*Dwarf Large Flowering Double. Ten Weeks Stocks.*

2660. **S. Blood Red.** Pkt., 10c.  
2641. **Crimson.** Pkt., 10c.  
2662. **White.** Pkt., 10c.  
2663. **Blue.** Pkt., 10c.  
2664. **Dwarf Large Flowering German Double, Blood Red.** Pkt., 10c.

2665. **Extra Choice Mixture.** Very double flowers. Pkt., 10c.

2666. **Dwarf Wallflower-Leaved German, Mixed.** Very fine, large double. Pkt., 10c.

2667. **Improved Snowflake.** A fine new variety, with extremely large and double, pure white flowers. Pkt., 10c.

**SWEET WILLIAM** (*Dianthus Barbatus*). Fine single mixed.

These plants, when in full bloom, present a beautiful sight, and for a fine display are unsurpassed. Blooms freely the first season from seed. Hardy perennial; 1½ ft. Pkt., 5c.; oz., 20c.

2740. **Sweet William Perfection Double, Mixed.** The finest, largest and most double varieties. Pkt., 10c.

**THUNBERGIA** (*Black-Eyed Susan*).

A beautiful class of very ornamental climbers, suitable for greenhouse or out-door culture. Half-hardy annuals; 4 ft.

2760. **T. Alba Oculata.** White, dark eye. Pkt., 5c.  
2761. **T. Aurantiaca.** Orange, dark eye. Pkt., 5c.  
2762. **T. Bakeri.** Pure white. Pkt., 5c.  
2763. **T. Fine, Mixed.** Choice shades. Pkt., 5c.; oz., 40c.

2764. **T. Alata.** Buff, dark eye. Pkt., 5c.

**TORENIA.**

Very pretty summer plants for hanging baskets or borders. Half-hardy annuals; ¾ ft.

2780. **T. Fournieri.** Sky blue, with a bright yellow throat. Pkt., 10c.

2781. **T. Baillonii.** Golden yellow flowers, with a brownish red throat. Pkt., 10c.

**TROPEOLUM.**

Very elegant and profuse blooming climbers, for in-door or out-door culture. Half-hardy annuals.

2800. **T. Peregrinum** (*Canary Bird Flower*). Yellow; 10 ft. Pkt., 5c.

**VERBENA.**

Well-known plants of great beauty and variety, with beautiful dazzling, self-colored, striped and variegated flowers. Half-hardy perennials; 1 ft.

2820. **V. Hybrida, Striped.** Very brilliant shades. Pkt., 10c.; oz., \$1.00.

2821. **V. Candidissima.** Large trusses of the purest white flowers. Pkt., 10c.; oz., \$1.00.

2822. **V. Coccinea.** Brilliant scarlet. Pkt., 10c.; oz., \$1.00.

2823. **V. New Mammoth.** Very large flowering, many of the flowers being the size of a silver quarter. Pkt., 10c.; 3 pkts., 25c.; oz., \$1.75.

2824. **Choicest Mixed.** Selected from the newest and finest named varieties. Pkt., 10c.; 3 pkts., 25c.; oz., \$1.25.

2825. **Fine Mixed.** All good varieties. Pkt., 5c.; oz., 75c.

2826. **Lemon Verbena** (*Aloysia Citriodora*). Lemon scented foliage. Pkt., 10c.

**VINCA.**

Beautiful free flowering plants, suitable for house culture or bedding purposes, blooming the first year from seed. Half-hardy perennial; 1½ ft.

2840. **V. Rosea.** Rose, with dark eye. Pkt., 5c.

2841. **V. Alba** White, with crimson eye. Pkt., 5c.

2842. **V. Alba Pura.** Pure white, exquisite. Pkt., 5c.

**VIOLET** (*Viola Odorata*).

A great favorite, much in demand on account of its abundant and fragrant bloom. Hardy perennial; ½ ft.

2860. **V. Single White.** Sweet scented. Pkt., 10c.

2861. **V. Single Blue.** Sweet scented. Pkt., 10c.

2862. **V. Mixed.** Pkt., 10c.

**WALLFLOWER** (*Cherianthus Cheri*).

A handsome popular plant, with massive spikes of fragrant flowers. Hardy perennial; 2 ft.

2900. **Wallflower, Double Mixed.** Yellow, brown and purple flowers. Pkt., 10c.

2901. **Single Mixed.** Showy colors. Pkt., 5c.; oz., 25c.

**ZINNIA** (*Youth and Old Age*).

The Zinnia is one of our most showy plants, so easy of cultivation and handsome that it will always be popular. Hardy annual; 1½ ft.

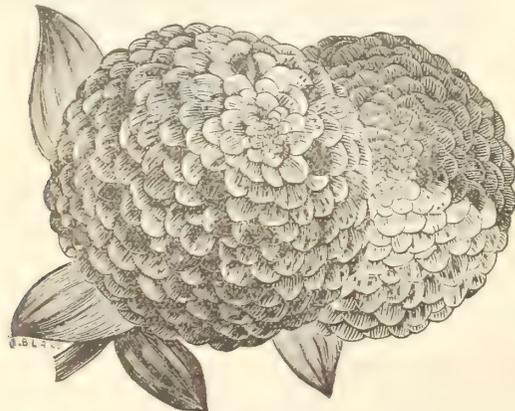
2940. **Z. Elegans, Double Mixed.** Dazzling scarlet, yellow, orange, rose, lilac, crimson and white. Pkt., 5c.

2941. **Z. Haageana, Fl. Pl.** Deep orange yellow, retaining its color when dried. Pkt., 10c.

2942. **Z. DOUBLE STRIPED ZEBRA.** A superb strain of this very popular flower, the petals being distinctly striped. They run through all shades known to the Zinnia, such as orange, crimson, pink, yellow, rose, violet and white. They are very compact in growth, and are far superior to those usually grown. Pkt., 10c.

2943. **Z. Double Pure White.** Pkt., 5c.

2944. **FIGMY ZINNIA.** The plants of this excellent little novelty are of candelabra form, close and vigorous in habit, and when fully developed are only five to seven inches high, and are nearly covered with pretty flowers, extraordinarily double, and of an intense orange yellow. It continues in bloom throughout the season, and is very suitable for edging or bedding, as well as of much value for pot culture. Pkt., 10c.; 3 pkts., 25c.



ZEBRA ZINNIAS.

Read up on that Golden Pansy Competition, on page 89.



BARGAINS IN

FLOWER SEEDS

No. 2960. OUR WILD-FLOWER  
OR  
Children's Garden.

OVER 100 SORTS FOR 10c.

This mixture embraces over 100 sorts of the easiest growing sorts, producing a constant and varied bloom the whole season, for sowing in shrubbery, under trees and in beds on which no care will be bestowed, or even for sowing in exposed situations, where wildness is preferred to order and precision. The mixture comprises Mignonette, Car dytuft, Larkspur, Marigold, Poppies, Foxgloves and many other garden favorites, which will flower successively and yield an abundance of bloom. Many would like a few flowers, but cannot spare the time to give the necessary culture. These look out for themselves. It is also just the thing for children. Pkt., 10c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

Our Bargain Collections.

OUR  
12-CENT  
BARGAIN

Contains one full-sized packet each of Sweet Alyssum Mignonette, Large Flowering Sweet Scented. Morning Glory Mixed. Pansy, Fine Mixed and Sweet Peas Mixed. Five packets with cultural directions upon each packet.

OUR  
25-CENT  
BARGAIN

Contains twelve full-sized packets, handsomely illustrated in colors, with reliable cultural directions upon each packet, as follows: Aster, Choice German Mixed. Balsam, Double Splendid Mixed. Pinks, Double Chinese Mixed. Four O'Clocks Fine Mixed. Marigold, Double Mixed. Pansy, Fine German Large Flowering. Petunia, Choice Mixed. Phlox Drummond, Large Flowering Mixed. Poppy, Finest Double Mixed. Sweet Peas; Large Flowering Mixed. Verbena, Splendid German Mixed and Sweet Alyssum.

OUR  
50-CENT  
BARGAIN

Contains twenty-five packets of choice flower seeds, as follows: Pansy, Large Flowering Mixed. Carnation Pinks, Double Mixed. Forget-Me-Not. Phlox Drummond, Large Flowering Mixed. Verbena, Choice German Mixed. Ageratum, Fine Mixed. Aster, Splendid German Mixed. Sweet Alyssum. Balsam, Camellia Flowered Double Mixed. Calliopsis, Mixed Colors. Cosmos, Choice Mixed. Canterbury Bells. Cypress Vine, Mixed. Candytuft, Fine Mixed Evening Primrose. Everlasting Flowers, Mixed. Godetia, Choice Mixed. Mignonette, Large Flowering Sweet Scented. Heliotrope, Fine Mixed. Nasturtium, Dwarf Varieties Mixed. Petunia, Choice Mixed. Poppy, Finest Double Mixed. Wallflower, Fine German Mixed. Portulaca, Splendid Mixed and Eckford's Large Flowering Sweet Peas, with full cultural directions upon each packet.

New "California" Violet.

THE "CALIFORNIA" VIOLET is the most robust grower of all violets; flowers the size of a silver dollar; stems ten to fourteen inches in length; color and fragrance perfect; free from disease. In San Francisco, where it was first introduced, and where the people could see the flowers in the store windows, there was a wild rush when the plants were first offered at retail. Price, 15c. each; \$1.50 per dozen.

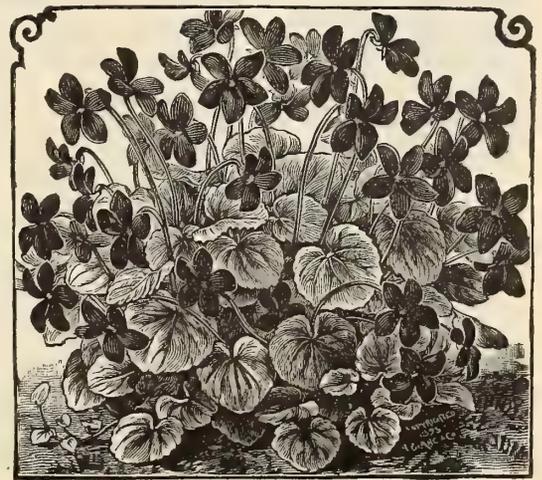
VIOLET, MARIE LOUISE.

The well-known double light purple variety. We offer strong, healthy plants, so that any amateur will have no difficulty in growing them. Thousands of this peerless variety are grown for the flowers alone, to supply the cut-flower markets of the country during the winter season. Price, 10c. each; \$1.00 per dozen; \$6.00 per 100.

CARMINE FOUNTAIN.

(Thysanctanthus Rutilans.)

We read in *Gardeners' Chronicle*: "Of all plants that bloom during winter and spring, the most graceful and beautiful and best adapted for in-door decoration is *Thysanctanthus*. As a table plant its tubular blooms on long (20-inch) thread-like branches show to great advantage. Considering its easy growth and the length of time it lasts in bloom, it is just one of those plants that should find a place in every collection." Price, 20c. each.



NEW "CALIFORNIA" VIOLET. Price, 15c. each.

# Summer Flowering Bulbs



ROSE SCENTED PEONIES.

## EXQUISITE ROSE SCENTED PAEONIES.

These magnificent, perfectly hardy plants rival the rose in brilliancy of color, perfection of bloom, and have the true rose fragrance. They thrive in almost any soil or situation, and when they become thoroughly established in the same, make a magnificent display of flowers and foliage. Strong flowering roots by mail: Shades of pink, 25c. each; \$2.50 per dozen. Shades of white, 25c. each; \$2.50 per dozen. Shades of red, 25c. each; \$2.50 per dozen. Mixed assorted colors, 20c. each; \$2.00 per dozen.

## THE CHINESE SACRED LILY.

These bulbs are very large, and each one sends up from five to eight spikes, which bear clusters of large, perfect, waxy white blossoms, with a yellow centre, as shown in our illustration. They have a powerful and delicious fragrance, which is not excelled by any flower, and grow well in pots of soil; but the most popular way of blooming them is the Chinese method, as follows: Fill a bowl or some similar vessel with pebbles, in which place the bulb, setting it about one-half its depth,



CHINESE SACRED LILY.

so that it will be held firmly, then fill with water to the top of the pebbles and place in a warm sunny window. The bulb will bloom in four to five weeks. Price, by mail, 15c. each, or 4 for 50c. By express, 10c. each; 75c. per dozen; 100, \$5.00.

## MADEIRA, OR MIGNONETTE VINE.

A rapid, luxuriant summer climber, with thick, waxy foliage and fragrant flowers. Each, 6c.; 5 for 25c.; 50c. per dozen.

## CINNAMON VINE.

A beautiful, rapid-growing summer climber, with clean, glossy foliage and spikes of delicious cinnamon-scented flowers; perfectly hardy, the stem dying down in winter, but growing with great rapidity in the spring. Insects do not trouble it. Roots, 10c. each; \$1.00 per dozen, all post-paid.

## CALADIUMS.

### C. Esculentum (Elephant's Ears).

A very effective plant and suitable for either a single plant on the lawn, masses in beds, or for margins of water; its very distinct, apron-like leaves often attaining the length of three feet by twenty inches wide. Bulbs can be stored in dry sand in winter, and kept from year to year. First size, 10c. each; \$1.00 per dozen. Second size, 15c. each; \$1.50 per dozen. Extra large bulbs, 25c. each; \$2.50 per dozen, post-paid.

## SUMMER FLOWERING OXALIS.

Valuable for edging walks, flower beds, etc. Bulbs planted three inches apart form rounded rows of delicate foliage, about one foot high, which produce flowers in endless succession. 10c. per doz.; 50c. per 100.

## IRIS (Flower-de-Luce).

This beautiful genus of plants obtained its title of Iris—which is the Greek name for the rainbow—from the ancients, as the most appropriate because of the varied hues and tints of the flowers. Robust growing, flowering in midsummer, varying in shades of white, maroon, deep blue, yellow, carmine and violet, beautifully veined and mottled. They are perfectly hardy, and when once planted will increase in size and beauty every year.

**I. Kämpferi.** These Japanese Iris often have flowers ten inches in diameter; bloom in July; prefer a moist, sunny situation. All colors mixed. Each, 10c.; \$1.00 per doz.

**I. Germanica.** These rival the orchid in variety of coloring, shape and shading. Perfectly hardy and adapted to all situations. Each, 10c.; \$1.00 per doz.

**LILIUM AURATUM.** The Golden Banded Lily of Japan. This queen of lilies has immense blooms, measuring nearly a foot across. The large white petals are thickly spotted with rich chocolate crimson, and have a bright golden yellow band through the centre of each. Each, 15c.; 2 for 25c.; \$1.25 per doz., post-paid.



CALADIUM ESCULENTUM.



CINNAMON VINE. Each, 10c.

**SPOTTED LEAF CALLA (Richardia Alba Maculata).** This Calla resembles the White Calla, but is of a somewhat smaller habit. The leaves are of a glossy deep green, with numerous white spots, making it very ornamental at all times, even when not in bloom. It makes a splendid plant for borders or beds. Price, first size, dry roots, each, 15c.; 4 for 50c.

**GLADIOLUS.** Our Grand Mixed Gladiolus is composed of choice varieties only. We grow them in enormous quantity on our own grounds, and every care is exercised to weed out undesirable sorts, and our customers can depend upon getting a large and magnificent variety of colors and markings, ranging through all the shades of pink, red, white and yellow, salmon and buff, with innumerable markings and varieties. They cannot be too highly praised. 3 for 10c.; 30c. per doz.; 45 for \$1.00, or \$2.00 per 100, post-paid. By express, \$1.70 per 100; \$16.00 per 1000.

**TUBEROSES** One of the most delightfully fragrant and beautiful of the summer-flowering bulbs, throwing up spikes of double white flowers three feet high, which remain in bloom a long period. For flowering in the open border, plant about the first of May. Post-paid, each, 5c.; 40c. per doz. Express, each, 4c.; 25c. per doz.; \$1.50 per 100; \$12.00 per 1000.

**TUBEROUS ROOTED BEGONIAS.** These magnificent flowering bulbs are now so cheap that they should be in everybody's garden. They are all shades of red, pink, yellow and white. Price, single sorts mixed, 10c. each; \$1.00 per doz.

## OUR DRIVING BULB COLLECTIONS:

FOR 25c.

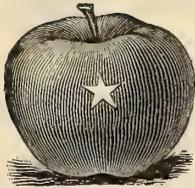
3 Beautiful Gladiolus, 2 Pearl Tuberoses, 1 Cinnamon Vine, 3 Summer Flowering Oxalis.

FOR 50c.

6 Beautiful Gladiolus, 3 Pearl Tuberoses, 1 Rose Scented Paeony, 1 Cinnamon Vine, 1 Iris Germanica, 1 Spotted Calla Lily, 6 Oxalis, 1 Tuberos Rooted Begonia.

# SMALL FRUITS

## APPLES.



**PARLIN'S BEAUTY.** Same price as Starr.

**YELLOW TRANSPARENT.** Earliest ripening apple known. Medium size, lemon yellow, juicy and good quality. Price, 1 year, mail or express, 15c. each; 4 for 50c. 2 year, express, 20c. each; 3 for 50c. We can also furnish, at same rates, Ruby Gem, Glowing Coal, Carlough, E. Harvest, Red Beittgheimer, M. Blush, Grimes Golden, Smith Cider, Fallwater, Baldwin, Ben Davis, Del. Winter and Paragon.

## PEARS.

**KOONCE.** A chance seedling of exquisite beauty, good quality and ripening very early. Tree rapid grower, free from blight and very productive. Valuable for market. Price, 1 year, mail or express, 35c. each; 2 for 60c.; 4 for \$1.00. 1 year, extra, express, 50c. each; 3 for \$1.25.

**SENECA.** A seedling of Bartlett. Much the same size and shape, with handsome blush, rich vinous quality, very productive and valuable. Price, 1 year, mail or express, 35c. each; 2 for 60c.; 4 for \$1.00. 2 year, express, 75c. each; 3 for \$1.50.

**LINCOLN CORELESS.** Large handsome winter pear. Vigorous grower, heavy bearer of fruit, measuring 10 to 12 inches around and weighing 16 to 20 ozs. each. Golden yellow at maturity. Free from seeds or core. Price, 1 year, mail or express, 40c. each; 3 for \$1.00. 2 year, express, 75c. each; 3 for \$1.50.

**JAPAN GOLDEN RUSSET.** A luxuriant grower, immense foliage, free from blight, enormously productive of beautiful golden russet pears, unsurpassed for canning or cooking. Price, 1 year, mail or express, 25c. each; 5 for \$1.00. 2 year, express, 40c. each; 3 for \$1.00.

## PLUMS.

**Abundance, Satsuma, Burbank and Spaulding.** 1 year, by mail, 25c. each; or one each of any three for 60c. 2 year, by express, 35c.; or one each of any three for 85c.

## PEACHES.

**Mt. Rose, Elberta, Stump, Old Mixon, Crawford's Late, Ford's Late, and Crosby.** By mail or express, 20c. each; 3 for 50c.; 7 for \$1.00.

**ROCKY MOUNTAIN DWARF CHERRY.** Grows 4 to 6 ft. high and begins to bear at two years of age. Very productive, eighty cherries having been picked off a branch 12 inches long of a 2 year old bush. Fruit jet black, size of and ripening after Eng. Morello. Delicious to eat out of hand or makes a very appetizing cordial or pectoral. Price, 1 year, by mail, 20c.; 3 for 50c. 2 year, by express, 25c.; 3 for 60c. 3 year, by express, 40c.; 3 for \$1.00. 4 year, bearing, by express, 50c.; 3 for \$1.25.

## CURRENTS.

**CHERRY.** Large red, excellent for jelly. 10c. each; 75c. per doz.; \$3.00 per 100.

**Fay.** Large red, very productive. 15c. each; \$1.00 per doz.; \$5.00 per 100.

**Crandall.** Large black. 20c. each; \$2.00 per doz.; \$10.00 per 100.

## GOOSEBERRIES.

**INDUSTRY.** Best of English sorts. 20c. each; 3 for 50c. **Downing.** Largest American sorts. 10c. each; 3 for 25c.

**GOLDEN MAYBERRY** belongs to the Raspberry family. Produces a large handsome fruit of golden color, size of Cuthbert Raspberry and ripening before Strawberries; of delicious quality. Plant grows in tree form, increasing in size and productiveness with age; very desirable. Price, 25c. each; 3 for 65c.; \$2.50 per doz.

## RASPBERRIES.



Will be mailed free at rates per single and doz.; at 100 rates, add 50c. per 100 plants.

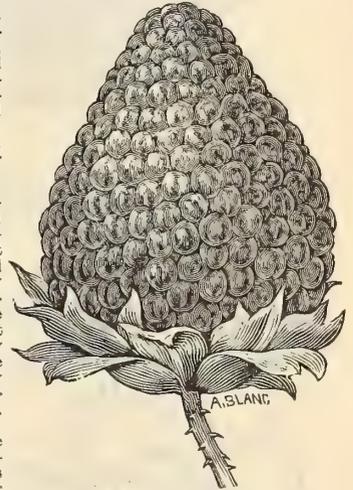
**MILLER'S RED.** The most valuable Raspberry of recent introduction. A seedling of Brandywine. Perfectly hardy, stout, vigorous grower; immensely productive of large luscious berries, ripening with the earliest and continuing until the end of the season and increasing in size as the season advances; round in shape, color bright red; does not fade, but will hold its color after shipment longer than any other red variety. Does not crumble and is the firmest and best shipping raspberry in existence. Rich flavor and good quality. Price, 15c. each; 2 for 25c.; \$1.00 per doz.; \$4.00 per 100.

**CUTHBERT.** The most popular late red Raspberry. Canes hardy, strong, rampant grower and extremely productive of immense, luscious berries, of rich red color, and delicious quality. Price, 10c. each; 40c. per doz.; \$1.00 per 100; \$8.00 per 1000.

**GOLDEN QUEEN.** Is very similar to Cuthbert in habit of growth, productiveness and hardiness. Golden yellow color, very handsome, high quality, and valuable for family use. Succeeds everywhere. Price, 10c. each; 60c. per doz.; \$1.50 per 100.

**RUBUS SORBI-FOLIUS.** A very novel fruit from Japan; showing character and habit of both Strawberry and Raspberry. Plant of low or dwarf habit, producing fruit of size and shape of large Strawberries. It dies to the ground every winter and fruits on the young growth of the new year; of sprightly, pleasant flavor. Price, 25c. each; 3 for 60c.

Collection "A." One plant each, Golden Mayberry, Rubus Sorbifolius and Miller Raspberry for 50c.



RUBUS SORBI-FOLIUS.

## BLACKBERRIES.

Will be mailed free at single and dozen rates; at rates per 100, add 50c. per 100 plants.

**WILSON JR.** is a seedling of Wilson E. and the largest known Blackberry; very early, extremely productive and excellent quality, not hardy north of New York City; though of low trailing habit, is easily covered and well adapted to winter protection. Price, 10c. each; 50c. per doz.; \$1.50 per 100.

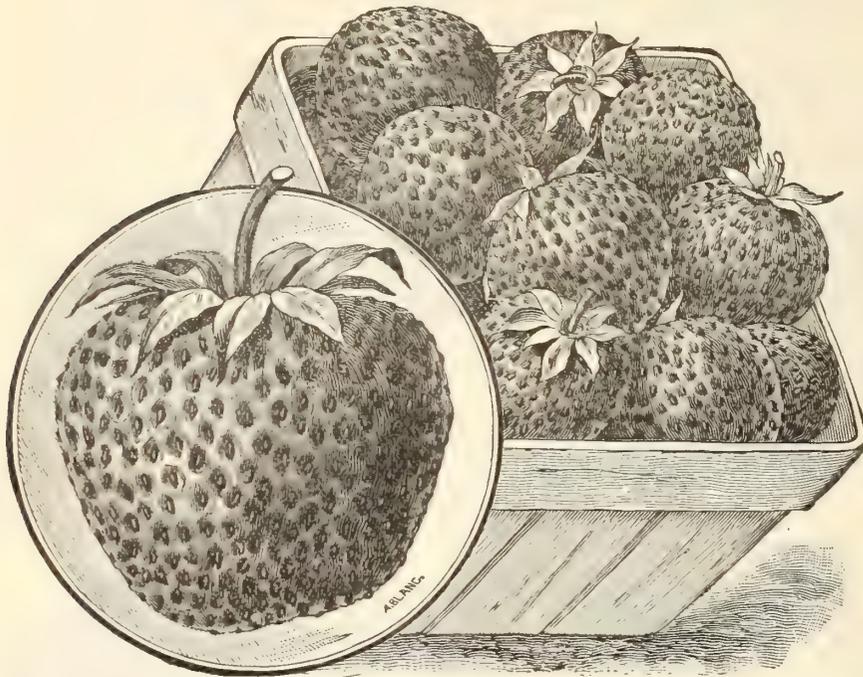
**ERIE.** Strong grower; very hardy, immensely productive; fruit large, round, excellent quality, firm and a good shipper, ripening after Wilson Jr. Price, 10c. each, 50c. per doz.; \$2.50 per 100.

Collection "B." Three plants each, Miller, Cuthbert and Golden Queen Raspberry, and four plants each, Wilson Jr. and Erie Blackberry, for \$1.00.

Our "Fill-Basket" Collection of New Strawberries is a rare bargain. See next page.

# Our "Fill-Basket" Collection of New Strawberries.

ALL RARE NOVELTIES.



THE BRANDYWINE.

Brandywine,  
Mary,  
Timbrell,  
Henry Ward  
Beecher.

Special  
Fill-Basket  
Collection.

PRICES.

6 each, by mail \$1.00  
12 each, by mail 1.50  
25 each, by mail 2.50  
50 each, by exp's 2.00  
100 each, by exp's 3.50

**THE BRANDYWINE.** Combines more good points of a successful variety than any other. Plants full of vitality and vigor, very hardy, perfect blossom. Fruit very large, of a bright, glossy red, extending to the centre. The flavor is of the wild berry, only sweeter. Medium late.

**THE MARY.** An immense berry and very prolific. Deep crimson color to the core. A most excellent market berry. Season, medium to late.

**THE TIMBRELL.** A fine new variety; very dark green foliage, much like Bubach; berry very firm, even form, large, rounded, dark red. Season, late.

**THE HENRY WARD BEECHER.** A most reliable bearer, and is superb under all manner of trials and conditions. Not as large as the Mary, but still a fine, big, bright red berry. Always profitable to grow.

## SPRAY YOUR FRUIT TREES.

We have a very complete line of insecticides and force pumps, and we issue a special circular, which we mail upon request.

**OUR BUCKET PUMP,** small, but thoroughly good. All brass working parts. \$3.50.

**EMPIRE QUEEN.** Has mechanical agitator; all brass working parts; a good air chamber. Price, without barrel, fitted with five feet of hose and graduating nozzle, \$8.00.

**EMPIRE KING.** Similar to Empire Queen, but much larger and more powerful. Has two Eureka nozzles on two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. Price, \$10.00.

**GARFIELD KNAPSACK SPRAYER.** For applying Bordeaux Mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black-rot and kindred diseases. The machine is made entirely of copper and brass, and the chemicals will not corrode or rust it. The air chamber keeps up a pressure, so a continuous discharge is given. (See cut.) Price, \$10.00.



"GARFIELD" KNAPSACK SPRAYER WITH AGITATOR. Price, \$10.00.



EMPIRE KING PUMP WITH AGITATOR. Price, \$10.00.

The following catalogues and circulars are sent free to all who ask for them:

Our Complete Spraying Outfit Circular.

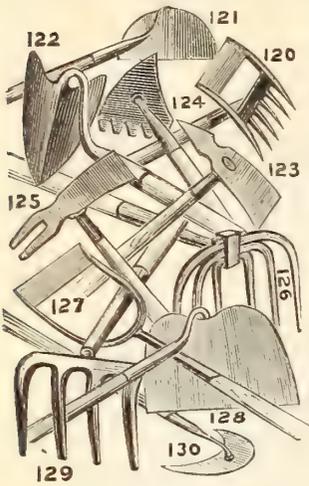
Our Poultry Supply Catalogue for Poultry and Bee-Raisers.

Grasses for the North and South—a Complete List.

Planet Jr. Implement Catalogue and Repair List.



# Horticultural Tools, Tying Material, Etc.



HOES.

**Asparagus Buncher, Acme,** (see page 126), \$1 50  
**Axe, handled, light, \$1.00; heavy,** 1 25  
 mattock, 85c.; with handle, 1 00  
**Bill Hook, for shrubbery,** 1 25  
**Brooms, Rattan, for stable, small,** 1 20  
 large, 1 80  
**Brush Hook, axe handled,** 1 15  
**Dibbles, steel pointed, iron handle,** 40  
 steel pointed, wooden handle (see cut), 45  
 brass pointed, wooden handle, No. 1, 50  
 brass pointed, wooden handle, No. 2, 60  
 brass pointed, wooden handle, No. 3, 70  
**Dock Extractor,** 2 00

**FLOWER POTS.**

	Doz.	100.	1000.
1 3/4-inch, . . . . .	\$0 08	\$0 50	\$4 00
2 1/4 " " " " " " " "	9	55	4 50
2 3/4 " " " " " " " "	10	60	5 00
3 1/2 " " " " " " " "	11	70	5 75
3 3/4 " " " " " " " "	12	80	6 50
4 " " " " " " " "	18	1 15	9 25
5 " " " " " " " "	20	1 35	11 00
6 " " " " " " " "	33	2 25	18 00
7 " " " " " " " "	56	3 75	30 00
8 " " " " " " " "	84	5 60	45 00
9 " " " " " " " "	1 17	7 80	62 50
10 " " " " " " " "	2 06	13 75	110 00
	2 38	15 95	127 50

**FLOWER POT SAUCERS.**

Size.	Dozen.	Size.	Dozen.
4 inch, . . . . .	\$0 20	9-inch, . . . . .	\$0 80
5 " " " " " " " "	25	10 " " " " " " " "	1 60
6 " " " " " " " "	30	11 " " " " " " " "	1 20
7 " " " " " " " "	40	12 " " " " " " " "	1 45
8 " " " " " " " "	50	14 " " " " " " " "	1 70

**Floral Tools, set of 4, small,** 50  
 set of 4, long handled, 1 60  
**Forks, Digging, 4 prong, 75c.; 5 prong,** 90  
 Manure, 4 tine, 75c.; 5 tine, 85  
 Hay, 2 tine, 35c.; 3 tine, 45  
**Hand-weeding,** 15

**Fruit Picker, Wire, can be attached to pole of any length,** 25  
**Grafting Chisels,** 25  
**Garden Lines, 100 ft., braided,** 50  
**Glass Cutter and Glazing Tool,** 10  
**Glazing Points, "Perfect," glass cannot slip, per 1,000,** 60  
**Pincers for applying above,** 50  
**Grafting Wax, 1/4 lb., 10c.; 1/2 lb., 20c.; lb., 30c.; by mail, 15c. per lb. extra.**

**Glass Hooks, American,** 25  
 English, riveted back, 50  
**Hoes, Draw, 5, 6, 7, 7 1/2, and 8 in.,** 35  
 Scuffle, 5 in., 50c.; 6 in., 55c.; 7 in., 60c.; 8 in., 65c.; 9 in., 70c.; 10 in., 75c.; 12 in., 85  
 Warren, 55  
 Prong, or potato hook, 40  
 Onion, 1 prong, 25c.; 2 prong, 30  
 Celery, 14 in., 1 75  
 "Superb," 55  
**Sweet Potato or mattock,** 1 00  
**Transplanting (see cut),** 60  
**Hoe and Rake Combined, 4 teeth,** 35c.; 6 teeth, 45  
**Hose, Rubber, Best Quality, all new rubber, 12 to 15c. per ft.,** 80  
**Good Quality, 3/4 in., per foot,** 80  
**Hose Nozzles (see page 123),** . . . . .

**Knives, Budding, ivory handles,** \$1 15  
 Pruning, stag handles, 75c., \$1.00, 1 15  
 Asparagus, each, 25c.; doz., 2 50

**Mats, for Hot Beds. Made of straw, 3 x 6 ft., \$12.00 doz., each,** 1 25  
**Mole Traps, "Olmstead's" (see cut),** 1 50

**Labels, Painted Pot and Tree, Pot Labels, 3 1/2 in., per 1,000,** 65  
 4 " " " " " " " " 70  
 4 1/2 " " " " " " " " 80  
 5 " " " " " " " " 1 00  
 6 " " " " " " " " 1 25  
 8 " " " " " " " " 3 00  
 12 " " " " " " " " 5 50

**Tree Notched, 3 1/2 in., per 1,000,** 65  
 Wired, iron, 1 25  
 copper, 1 75  
**Picks, handled,** 75

**Plant Protectors, paper, doz., 25c.; per 100, \$1.50; per 1,000,** 14 00

**Plant Bed Cloth. Specially prepared to prevent mildewing and rotting; valuable for forwarding and protecting early plants from frosts, covering hot-beds and frames in spring in lieu of glass, and for throwing over bedding plants at night in fall, for Chrysanthemum houses, etc., at one-tenth the cost of glass. Samples and circular mailed on application.**

**Heavy Grade, per yd.,** \$0 10 1/2  
 Per piece of about 40 yds., per yd., 9 1/2

**Medium Grade, best for general purposes, per yd., 8c.; per piece of about 50 yds., per yd.,** 7

**Light Grade, for tobacco plants, per yd., 4 1/2c.; per piece of 68 yds., per yd.,** 3 1/2

**Plant Sprinklers, Rubber, 1/2 pint size, 50c.; 2/3-pint size, 75c.; 1 pint size, \$1.00 (postage, 10c. each extra).**

**Putty Bulb, Rubber. For glazing. A pressure with the hand ejects the putty along the sash bars. \$1.00 each; by mail (see cut),** 1 10

**Pruners, Waters' Tree (see cut), 4 ft., 75c.; 6 ft., 85c.; 8 ft., \$1.00; 10 ft., \$1.25; 12 ft., \$1.50; extra knives,** 20

**Pruners, Telegraph Tree, operated by cord,** 1 25  
 "Sylvan," for bushes, 1 50

**PULLEYS or HAY BLOCKS. 8-inch, iron bushed,** 60  
 roller, 1 25

**Double Hay Blocks,** 2 00

**Raphia, splendid tying material, per lb.,** 15

**Reels, for Garden Lines, small, 75c.; large,** 1 00  
 galvanized, small, \$1.50; large, 2 00

**Rakes, Steel Garden, 6 teeth, 30c.; 8 teeth, 35c.; 10 teeth, 40c.; 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth,** 55

**Short Tooth, 12 teeth, 45c.; 14 teeth, 50c.; 16 teeth,** 55

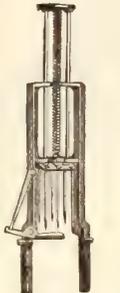
**Steel Bow, best and most durable, 12 teeth, 50c.; 13 teeth, 55c.; 15 teeth,** 60

**Wooden, Hay, 3 bow, 12 teeth,** 35  
**Lawn (see page 115),** 80

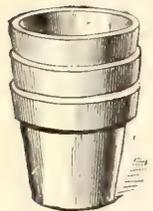
**Saw, Pruning (see cut), double edge, 16 in., 60c.; 18 in., 70c.; 20 in.,** 80



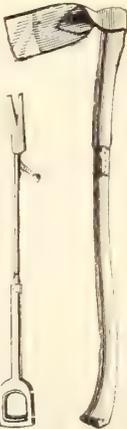
DIBBLE.



OLMSTEAD'S MOLE TRAP.



FLOWER POTS.



DOCK EXTRACTOR.

SWEET POTATO HOE.



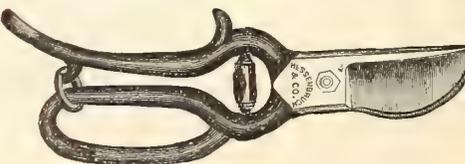
GARDEN REEL.



PERFECTION SHEARS.



GERMAN PRUNING SHEARS. 75c.



RING EYE PRUNING SHEARS. \$1.00.



PUTTY BULB.



TRANSPLANTING TROWEL.



TRANSPLANTING HOE.



# Horticultural Tools and Requisites.

<b>Scythes, Lawn, English riveted back</b> (see cut), . . . . .	\$1 00
“ <b>Grass, American,</b> . . . . .	60
“ <b>Bush, short blades,</b> . . . . .	65
“ <b>Snaths (or handle), patent,</b> . . . . .	75
“ <b>Stones,</b> . . . . .	10
<b>Scissors, Flower and Fruit Picking,</b> . . . . .	75
“ <b>Grape Thinning, for thinning the bunch,</b> . . . . .	60
<b>Shears, Pruning, solid steel, 7 inch, 75c.; 8 inch, 90c.; 9 inch,</b> . . . . .	1 00
“ <b>Levin's Patent,</b> . . . . .	1 25
“ <b>Pruning, malleable, with steel blade, 8 in.,</b> . . . . .	25
“ <b>Hedge</b> (see cut), 8 inch blade, \$1.50; 9 inch, \$1.75; 10 inch, . . . . .	2 00
“ <b>Grass</b> (see page 115), . . . . .	1 00
“ <b>Grass Edging</b> (see page 115), . . . . .	1 25

<b>Shovels, smooth back,</b> . . . . .	65
“ <b>Ames' extra quality,</b> . . . . .	1 25
“ <b>Round Point,</b> . . . . .	75
“ <b>Scoops, Barn,</b> . . . . .	1 00
“ <b>Wire Potato,</b> . . . . .	1 25
<b>Sieves, 18 inch, any mesh,</b> . . . . .	50
“ <b>20 inch, any mesh,</b> . . . . .	60
“ <b>20 inch, extra heavy,</b> . . . . .	75
<b>Spades, smooth back,</b> . . . . .	65
“ <b>Ames' extra quality,</b> . . . . .	1 25

**Syringes, made of solid brass, in the best manner, and highly finished.**

<b>PRICES OF SYRINGES.</b>			
<b>No. A. Barrel, 12 x 1 in. 1 spray and 1 stream rose,</b> . . . . .	1	75	
<b>No. 2. Barrel, 14 1/2 x 15-16 in. 1 coarse and 1 fine spray and 1 stream rose,</b> . . . . .	3	75	
<b>No. 10. Barrel, 18 x 1 1/2 in. 1 coarse and 1 fine spray and 1 stream rose with patent valves, and elbow joint for sprinkling under the foliage,</b> . . . . .	5	00	
<b>No. G. Barrel, 16 x 1 1/2 in. 1 spray and 1 stream rose and elbow joint,</b> . . . . .	4	50	
<b>No. H. Barrel, 18 x 1 1/2 sheet brass, 1 stream rose,</b> . . . . .	2	00	

<b>Stakes, Round Green Tapering.</b>			
Each.	Per Doz.	Per 100	
1 1/2 ft., . . . . . 3c.	15c.	\$0 80	
2 ft., . . . . . 3c.	25c.	1 50	
2 1/2 ft., . . . . . 4c.	35c.	2 25	
3 ft., . . . . . 5c.	50c.	3 00	
4 ft., . . . . . 7c.	70c.	4 50	
5 ft., . . . . . 8c.	80c.	5 50	

<b>Stakes or Dahlia Poles.</b>			
Each.	Per Doz.	Per 100	
3 ft., . . . . . 7c.	70c.	\$4 50	
4 ft., . . . . . 8c.	85c.	5 50	
5 ft., . . . . . 10c.	\$1 00	7 00	
6 ft., . . . . . 14c.	1 25	8 50	

<b>Thermometers.</b>			
<b>Self-Registering, registers both heat and cold.</b>			
White enameled case, 8 inch, . . . . .	\$2	75	
<b>Japanese Tin Cases, 7 inch, 15c.; 8 inch, 18c.; 10 inch, 20c.</b> . . . . .	20		
<b>Hot-bed and Mushroom Bed.</b>			
Brass mounted and tipped, made especially for plunging, . . . . .	1	50	
<b>Tree Scraper,</b> . . . . .	40		
<b>Tree Tubs (see cut), White Cedar.</b>			
Heavy iron hoops, drop handles, iron legs, removable perforated bottoms. Painted green outside and brown inside.			

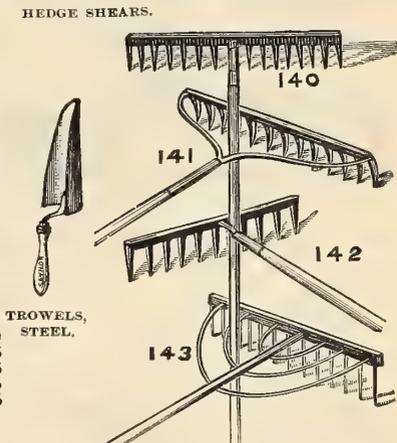
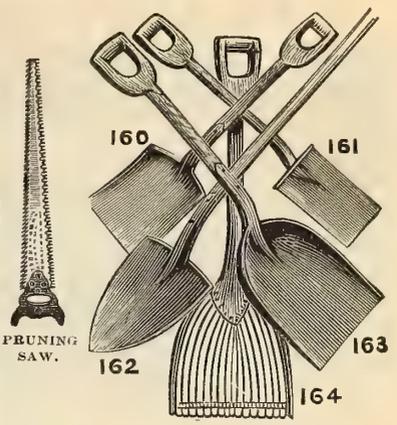
No.	Outside Diam.	Length of Stave.	Price.
0 . . . . .	27 inches	24 inches	\$6 50
1 . . . . .	25 “	22 “	5 50
2 . . . . .	23 “	20 “	4 50
3 . . . . .	21 “	18 “	3 75
4 . . . . .	18 “	16 “	3 25
5 . . . . .	16 “	14 “	2 75
6 . . . . .	14 “	12 “	2 50
7 . . . . .	13 “	11 “	2 25
8 . . . . .	12 “	10 “	2 00

<b>Trowels, ordinary, 5 inch, 10c.; 6 inch, 15c.; 7 inch, 20c.</b> . . . . .	20
<b>Trowels, solid steel, 6 inch, 45c.; 7 inch, 50c.; 8 inch, . . . . .</b>	55
<b>Trowels, Transplanting, (see cut),</b> . . . . .	30

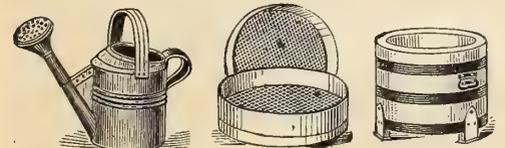
<b>Twine for Tying Truck.</b>			
<b>Jute. One, two, three or four-ply, each 50c. per bag of 5 lbs.; per 100 lbs.</b> . . . . .	8	00	
<b>Flax. Two-ply, usually used for roping onions, \$1.00 per bag of 5 lbs.; per 100 lbs.</b> . . . . .	18	00	
<b>Cotton. For tying herbs, very fine and soft, \$1.00 per bag of 5 lbs.; for tying beets, radishes, etc., 85c. per bag of 5 lbs. For tying celery, this twine is little coarser than that used for tying beets or radishes. Per bag of 5 lbs.,</b> . . . . .	90		

<b>Watering Pots.</b>			
<b>Galvanized Ironclad.</b>			
6 quart, . . . . .	\$0	75	
8 “ . . . . .	1	00	
10 “ . . . . .	1	35	
12 “ . . . . .	1	50	
18 “ . . . . .	1	75	
<b>Heavy Tin, Painted Green.</b>			
4 quart, . . . . .	\$1	40	
6 “ . . . . .	1	75	
8 “ . . . . .	2	25	
12 “ . . . . .	2	55	
16 “ . . . . .	2	85	
<b>Light Tin, Painted Green.</b>			
4 quart, . . . . .	\$0	60	
6 “ . . . . .	7	75	
8 “ . . . . .	9	90	
12 “ . . . . .	1	25	

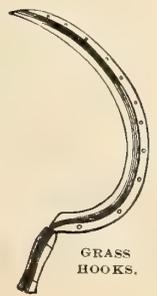
<b>Weeders.</b>			
<b>Excelsior,</b> . . . . .	\$0	10	
<b>Three Prong,</b> . . . . .	15		
<b>Combination,</b> . . . . .	25		
<b>Laing's</b> . . . . .	25		
<b>Hazletine,</b> . . . . .	25		



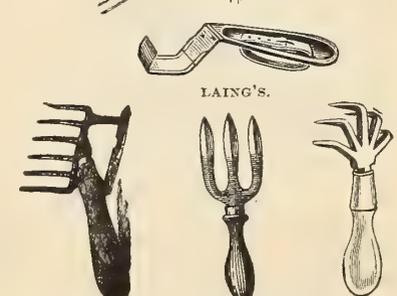
ENGLISH LAWN SCYTHES.



WATERING POTS. SIEVES. TREE TUBS.



GRASS HOOKS.



COMBINATION. HAND WEEDERS. EXCELSIOR.



# FERTILIZERS

## Ashes—Unleached Hard Wood.

These contain all of the fertilizing elements except nitrogen. Ashes correct sourness in the soil, rendering sandy soils more capable of retaining fertilizers, and making clay soils less stiff and more easily worked. They drive away insects, and are indispensable for all crops requiring potash. They are very beneficial for garden and field crops.

**Quantity Required.** Ashes should be applied in considerable quantities, 1 to 2 tons per acre, as one heavy application will help much more than the same quantity would, applied in fractions. If applied by hand, protect by a heavy glove.

**Price:** Per bbl. of about 250 lbs., \$3.00; per ton of 2,000 lbs., in barrels, \$20.00.

## Bone Fertilizers.

These are the true phosphatic manures, containing forty to fifty per cent. phosphate of lime and nitrogen equal to about four per cent. of ammonia. They decompose slowly in the soil and therefore form excellent permanent improvement, being less likely than almost any other kind of manure to waste in rainy seasons, particularly on sandy soils. There is no danger of burning the plants, whether applied as top dressing or directly to the roots. Excellent for top-dressing lawns and grass land, for garden and field crops; we can also recommend them highly for florists' purposes, for rose beds, mixing with potting soil, etc.

**Quantity Required.** For permanent pasture and mowing lands,  $\frac{1}{2}$  to 1 ton per acre. For trees and vines 2 to 4 quarts each. For top dressing, 1,000 to 1,500 lbs. per acre. For field and garden crops,  $\frac{3}{4}$  to 1 ton broadcasted and harrowed in. For rose beds, pot plants, etc., 1 part to about 50 of soil.

**Bone Meal, Flour or Dust.** This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.

**Price:** 1 lb. package, 10c. (by mail, 15c. per lb. extra.); 5 lb. package, 25c.; 50 lb. bag, \$1.50; 100 lb. bag, \$2.50; 200 lb. bag, \$4.50.

**Ground Bone.** This is moderately fine and particularly adapted for general fertilizing purposes; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period.

**Price:** 5 lbs., 25c., per 100 lb. bag, \$2.00; 200 lb. bag, \$3.50; per ton of 2,000 lbs., \$32.00.

**Pure Crushed or Coarse Bone.** This is largely used for pasture lands, being rather slow but permanent in action, and it is also indispensable in the preparation of grape vine borders—for fruit trees, small fruits, etc.—where a lasting fertilizer is required. Also for poultry.

**Price:** Per 100 lb. bag, \$2.25; 200 lb. bag, \$4.00; per ton of 2,000 lbs., \$35.00.

## No. 1 Bone Phosphate.

Benefits the crops more quickly than with any other form of bone, and on account of its readily available properties promotes early maturity, and it is invaluable for most crops, affording constant nourishment during their entire season's growth. In case of rotation of crop it is nearly as valuable for the last as for the first.

**Quantity Required.** For garden and field crops, 500 to 600 lbs. per acre; for garden crops it is best drilled in at seed-sowing time. For top-dressing grass, 600 lbs. per acre.

**Price:** Per bag of 200 lbs., \$2.50; per ton of 2,000 lbs., \$23.00.

## Bowker's Food for Flowers.

An excellent fertilizer for house plants. Easily applied by dissolving in water. Clean to handle, without odor, produces rich green growth and profusion of flowers.

**Price:** Small packages, 15c., or by mail, 20c; large packages, enough for twenty plants one year, 25c., or by mail, 40c.

## Nitrate of Soda.

This is valuable solely for the nitrogen it contains, equal to twenty per cent. of ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is valuable for grain, fodder, corn, sugar beets, potatoes, grasses, peas, beans, clover, etc.

**Quantity Required.** Being extremely soluble it should not be applied until the plants are above ground, when 100 to 500 pounds per acre, mixed with wood ashes or land plaster, for convenience in applying, are generally used.

**Price:** Per 5 lb. package, 30c.; 10 lb. package, 50c.; 25 lb. bag, \$1.25; 50 lb. bag, \$2.00; 100 lb. bag, \$3.00.

**POWELL'S SOLUBLE PHOSPHATES FOR GARDENS (Inodorous).** Full directions on each package of all goods made by us, so there will be no mistake in using. 25-lb. boxes (sufficient plant food for one-eighth acre garden a whole season), \$1.50.

## Cabbage Guano.



This Guano is manufactured for the Cabbage crop and we solicit a trial by the Cabbage Growers, feeling satisfied that they will find it the cheapest and best Guano on the market for Cabbage; equally as good, if not better, than the old No. 1 Guaranteed Peruvian Guano, and probably at one-half the cost. Give it a trial and test its merits.

**Analysis:** Available Phosphoric Acid, 8 to 10 per cent.; Ammonia, 2 to 3 per cent.; Actual Potash, 2 to 3 per cent. Equal to Bone Phosphate of Lime, 17 to 21 per cent.; Sulphate of Ammonia, 8 to 12 per cent.; Sulphate of Potash, 4 to 6 per cent. **Price:** \$3.00 per bag of 200 lbs.; \$26.00 per ton.

## Land Plaster, or Gypsum.

It is an excellent addition to land requiring lime and sulphates, particularly for such crops as turnips, potatoes, grasses and clovers. Its fertilizing action is not so much due to its value as a plant food, as to its absorbing and fixing ammonia and rendering soluble the inert plant foods of the soil, so that the growing crops can take them up.

**Quantity Required.** Broadcasted and harrowed in,  $\frac{1}{2}$  to 1 ton per acre.

**Price:** Per bag of 200 lbs., 90c.; per ton, \$7.00.

## Gilt Edge Potato Manure.

Farmers who wish to grow a profitable crop of Potatoes, either in connection with stable manure or without, can do so by the use of the Gilt Edge Potato Manure; larger crops, larger, smoother and better quality, not so liable to be worm-eaten or scabby, and less liable to rot than those where the Gilt Edge is not used.

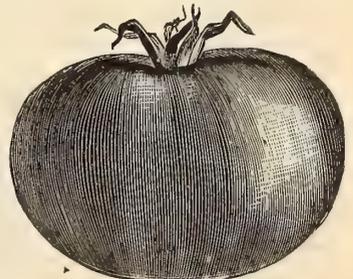
If stable manure is used, put from 300 to 400 lbs. of Gilt Edge per acre in the row at the time of planting. Without stable manure, put from 600 to 1,000 lbs. per acre in the row at the time of planting.

**Analysis:** Available Phos. Acid, 6 to 8 per cent.; Ammonia, 3 to 4 per cent.; Actual Potash, 5 to 7 per cent. Equal to Bone Phosphate, 10 to 12 per cent. Equal to Sulphate Ammonia, 12 to 16 per cent. Equal to Sulphate Potash, 10 to 12 per cent.

**Price:** \$3.25 per bag of 200 lbs.; \$30.00 per ton.

## Tomato Guano.

This Guano is a complete and reliable manure, manufactured expressly for fertilizing the tomato plant. It is just what is needed to push the crop forward, and if properly applied often enables the farmer who uses it to get his tomatoes in the market from 6 to 10 days earlier than those who do not use this Guano. It also leaves the soil in a rich and good condition for the crop that follows. It is adapted to all soils and climates, and tomato growers everywhere should try it, and satisfy themselves that it is the best and cheapest fertilizer in the market.



**Analysis:** Available Phos. Acid, 8 to 10 per cent.; Ammonia, 2 to 3 per cent.; Actual Potash, 2 to 3 per cent. Equal to Bone Phosphate, 17 to 21 per cent. Equal to Sulphate of Ammonia, 9 to 11 per cent. Equal to Sulphate of Potash, 4 to 6 per cent.

**Price:** \$3.00 per bag of 200 lbs., \$26.00 per ton.

# .... INSECTICIDES ....

## SPRAY YOUR FRUIT TREES

The annual loss to farmers in this country from fungus diseases and insects has been closely estimated at \$5,000,000. So important have these things become that the U. S. Department of Agriculture at Washington has two of its most important divisions investigating them. One called **Vegetable Pathology**, under Prof. Galloway; this pertains to **Plant Diseases**, such as blight, rots, mildew, etc. The other is called **Entomology**, under Prof. Riley, which pertains to **Insects**—both divisions carrying on investigations as to the causes and effects, and making experiments and recommendations for the benefit of farmers, gardeners, horticulturists and florists.

## REMEDIES FOR INSECTS,

### CATERPILLAR LIME.

**ERMISCH'S CATERPILLAR LIME (Owl Trident Brand)** is recommended to orchardists and everybody interested in the preservation, health and beauty of trees, as a certain means of preventing the ravages of numerous noxious insects infesting forest, fruit and shade trees.

It is a simple, efficacious and inexpensive remedy against insects that crawl up and down the trunks of trees and bore into them.

Its general use will largely assist in giving back to the trees in forests, public parks, streets, squares, highways, orchards and private grounds a healthy appearance, which they now often lack, owing to the ravages of various noxious insects preying upon them annually, causing extensive losses, and make them more beautiful and more productive than before.

Price, 5 lb. can, . . . \$1 00    25 lb. keg, . . . \$3 75  
 10 " " . . . 1 75    50 " " . . . 6 75

**FIR TREE OIL.** Frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy bug, scale, red spider, aphid (black and green), thrip, blight, worms and slugs, and is also a valuable remedy for animal parasites and insects. Price, ½ pint tin, 40c.; pint, 75c.; qt., \$1.40.

### FIR TREE OIL SOAP.

One Ounce Makes a Gallon of Non-poisonous Insect-killing Liquid.

**Fir Tree Oil Soap** is especially useful on greenhouse and garden plants, killing red spider, mealy bug, aphid, etc. In the vegetable garden it is unrivalled for disposing of potato-bugs, cabbage worms, currant worms, black-fly, etc. On trees it destroys the caterpillar, elm-leaf beetle, etc. It does not injure fruit or foliage; there is no danger to the person using it, nor of the fruits or vegetables on which it has been used in the slightest degree poisoned, for there is no poison in Fir Tree Oil.

½ lb. tins, . . . . . \$0 25    By mail, . . . . . \$0 70  
 2 " " . . . . . 75 " " . . . . . 1 00  
 5 " " . . . . . \$1 75    by express only,  
 10 " " . . . . . 3 25    the purchaser  
 20 " " . . . . . 6 00    paying carriage.

**KEROSENE EMULSION.** For plant lice of any kind, cabbage worms, scale insects on apple, pear, orange, lemon and other trees, horn flies. 5 gallon bucket (makes 75 gallons wash), \$1.25.

**HELLEBORE, POWDERED WHITE.** For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris green and London purple and, safer to use when fruits or vegetables are nearly ripe. Price 25c. per lb., or by mail, 40c.

**Dry Application.** Dust on dry, or mix 1 lb. with 4 lbs. of powdered lime or flour, dust on with powder duster, bellows or gun.

**In Solution.** Dissolve 1 oz. to 3 gallons of water; apply with syringe, pump or vaporizer.

## REMEDIES FOR FUNGUS

Such as Mildew, Rust, Black Rot, Etc.

**COPPERDINE.** (Ammoniacal solution of carbonate of copper.) A famous remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc. Price, quart can, 50c.; 1-gallon can, \$1.50; 5-gallon can, \$6.25. By express or freight only.

Dilute 1 pint to 10 or 12 gallons of water; apply with Knapsack sprayer or bellows vaporizer.

**FLOWERS OF SULPHUR.** For the prevention and destruction of mildew on roses and other plants. Price, 10c. per lb.; 10 lbs., 10c.; 25 lbs. and over, at 5c. per lb.; if by mail, add 15c. per lb. for postage.

Apply with bellows or gun.

**GRAPE DUST (HAMMOND'S).** A non-poisonous powder for the remedy and control of mildew and rot on grapes, gooseberries, roses, etc. Price, 5-lb. package, 35c.; 100-lb. keg, \$5.00. By express or freight only.

Apply with bellows or powder gun.

**LONDON PURPLE.** Very poisonous and equally as efficacious as Paris green and more soluble in water. Price, 25c. lb.; 10-lb. lots and over, at 20c. per lb. If by mail, add 15c. per lb. for postage. Use in the same way as Paris green.

**PARIS GREEN.** A poisonous, insoluble powder, indispensible on the farm or garden—for preventing the ravages of potato bugs, codling moth, worms, caterpillars, slugs and bugs. Price, 25c. per lb.; 5-lb. can, \$1.15.

**Dry Application.** Mix with plaster, flour or other dilutant—one part to 100; apply with duster, bellows or gun.

**In Solution.** Mix 1 lb. to 200 or 300 gallons of water. Apply with pump, syringe or vaporizer.

**Bait.** For cut worms, mix 1 oz. with 8 ozs. of syrup; mix thoroughly with fresh chopped grass or leaves.

**PERSIAN INSECT POWDER (Daluanian).** 1 lb., 50c.; by mail, 65c.

**QUASSAINE.** This is a Concentrated Fluid Extract Quassa, held in suspension by Whale Oil Soap—adopted and officially recommended by the State Horticultural Board of Washington, as a cheap and reliable non-poisonous insecticide for hop lice, aphid and all scale insects; nothing better for rose bushes and house plants. Quart cans (25 gallons wash), 50c. per can; 1 gallon cans (10 gallons wash), \$1.50 per can; 2 gallon cans (20 gallons wash), \$2.50 per can.

**HAMMOND'S SLUG SHOT.** An insecticide of well-known virtue, in the form of a very fine powder; for the cut worm, caterpillar, currant and gooseberry worm and curculio it is invaluable. It will also destroy many other insects infesting trees, plants, vines, etc.

5-lb. package, 25c., 100 lbs., \$4.00; bbl., of about 225 lbs., 3½c. per lb.

**THRIP JUICE.** A concentrated extract, arseniated, destructive for mealy bug, scale, thrips, bark lice, codling moth, canker worm, elm-leaf worm, beetles, caterpillars, etc. Price, ½ pint can, 30c.; 1 pint, 50c.; 1 qt., 75c.; 1 gal., \$1.00; 5 gal. keg, \$7.00.

Mix ½ pint to 25 gallons of water and spray on with syringe, vaporizer or pump.

**TOBACCO DUST.** Largely used by market gardeners for destroying the cabbage fly and louse. 51 c., 25c.; 100 lbs., \$3.00.

**TOBACCO STEMS.** For fumigating greenhouses. 1-lb. package, 2c.; bbl., \$1.00; bale of about 250 lbs., \$1.50.

**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, 10c. per lb.; 25 lbs. and over, at 8c. per lb.; if by mail, add 15c. per lb. for postage.

For insects on plants, dissolve ¼ lb. to a gallon of water, apply with syringe or spraying pump.

For bark insects, etc., dilute with water to consistency of thick paint, and apply with brush.



**POWELL'S SULPHO-STEATITE POWDER.** For lettuce, mildew, powdery and downy mildew of the grape, rose mildew and other fungus diseases affecting plants under glass. 25-lb. boxes (used as a dust), 8c. per lb.

**POWELL'S MILDEW MIXTURE.** For powdery mildew on fruits, flowers and vegetables. 1-gallon can (makes 50 gallons spray), \$1.50.

**BORDEAUX MIXTURE.** (Standard Strength.) A valuable and indispensable fungicide for grape growers—thereby insuring larger crops and finer grapes, and preventing failure. A sure cure and preventive for black rot, mildew and rust, also of great value for other plants suffering with kindred diseases. Price, 20-lb. pkgs., \$1.00. By express or freight only.

Dissolve 10 lbs. to 25 gallons of water, and apply with Knapsack sprayer or vaporizer.

# PUMPS AND IMPLEMENTS FOR . . . . . . APPLYING INSECTICIDES.



LITTLE GEM PUMP. \$3.00.

**EMPIRE QUEEN.** Has mechanical agitator; all brass working parts; a good air chamber. Price, without barrel, fitted with five feet of hose and graduating nozzle, \$8.00.

**EMPIRE KING.** Similar to Empire Queen, but much larger and more powerful. Has two Eureka nozzles on two ten-foot sections of heavy hose, so two rows of trees or vines can be sprayed at one time. Has mechanical agitator and all brass working parts. (See cut.) Price, \$10.00.

**"LITTLE GEM" HAND FORCE PUMP.** This is the best and most durable portable hand pump in the market. Made of solid brass, with large air chamber, and is double-acting, throwing an absolutely continuous stream, fitted with a Vermorel nozzle, which throws a very fine spray and using only a small amount of liquid to cover a large space; very light and easily carried, and works from any bucket or tub. (See cut.) Price, \$3.00.

**THE ASBESTOS TORCH.** Saturate with kerosene and burn out the caterpillar nests. Price, 50c. each.

**LEGGETT'S IMPROVED POWDER GUN.** For applying any dry powder, such as Paris Green, London Purple, Hellebore, Insect Powder, Lime, Plaster, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste; the work being more rapidly done than by any other known implement. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes, that carries with it a small portion of powder. The quantity may be increased or diminished as desired. (See cut.) Price, complete, \$7.50.

**GARFIELD KNAPSACK SPRAYER.** For applying Bordeaux Mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black-rot and kindred diseases. The machine is made entirely of copper and brass, and the chemicals will not corrode or rust it. The air chamber keeps up a pressure, so a continuous discharge is given. (See cut.) Price, \$10.00.

**THE "LENNOX" SPRAYER.** A cheap sprayer for applying poisonous fluids such as Paris Green, water, etc., to grape vines, low trees, bushes, potatoes, garden vegetables, etc. It is made of galvanized iron, holds five gallons of fluid, which flows through the rubber tube and is forced out in a spray by pressing the rubber bulb held in the hand; this spray will reach 10 to 12 feet. Price, with single sprinkling attachment, as shown in the cut, \$3.50.

*The "Lennox" Sprayer is not adapted for throwing fungicides such as Bordeaux Mixture, as the spray is not fine enough nor continuous as in the Knapsack Sprayer offered above.*

**EUREKA FUMIGATORS.** For fumigating greenhouses with dampened tobacco stems; made of galvanized sheet-iron; a damper regulates the draft; no danger of fire; no ashes or litter. (See cut.) No. 1, 12 in. high, \$1.25; No. 2, 16 in. high, \$1.75; No. 3, 20 in. high, \$2.00; No. 4, 24 in. high, \$2.75.

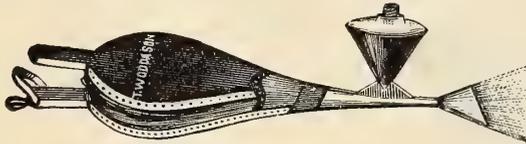
**INSECT POWDER GUN.** Price, 15c.

**EDDY'S PARIS GREEN DISTRIBUTOR.** For dusting Paris Green and Plaster. The weight is carried by a strap across the shoulder. The best device we know of. (See cut.) Price, \$1.25.

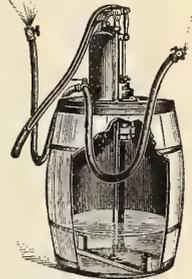
**BELLOWS FOR DISTRIBUTING DRY POWDERS.** Large Double Cone, \$2.75; Large Single Cone, \$1.75; Small Single Cone, \$1.00.



"GARFIELD" KNAPSACK SPRAYER WITH AGITATOR Price, \$10.00.



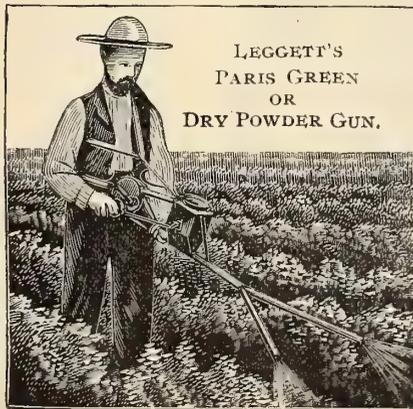
BELLOWS. LARGE SINGLE CONE.



EMPIRE KING PUMP WITH AGITATOR. Price, \$10.00.



LENNOX SPRAYER IN USE. Price, \$3.50.



GREENS—TWO ROWS AT ONCE. \$7.50.

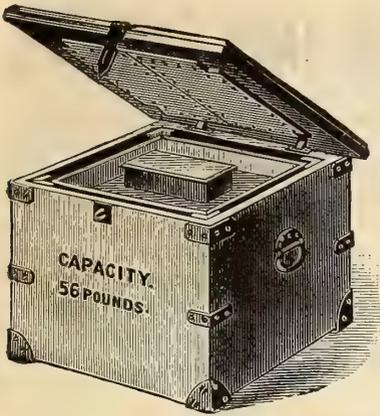


EDDY'S PARIS GREEN SIFTER. \$1.25.

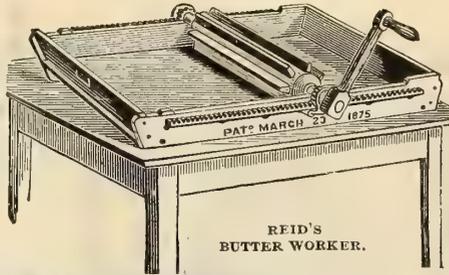


FUMIGATORS.

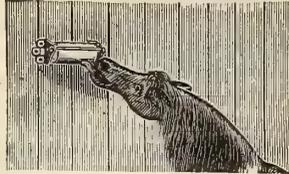




BUTTER SHIPPING BOX.



REID'S BUTTER WORKER.



SALT ROLL. 50c.

**DAIRY SUPPLIES—Continued**

**Creameries.—Reid's "Peerless."**

No. 2, 2 cans, 4 to 6 cows (See cut),	\$21 60
3, 3 " 7 to 9 "	29 40
4, 4 " 10 to 12 "	32 00
5, 6 " 13 to 18 "	41 60
6, 8 " 19 to 24 "	51 20

**Labels, for sheep, hogs and cattle.** Stamped with your name and numbered. (See Cut).  
 For **Sheep and Hogs**, per dozen, 50c.; per 100, 2 50  
 Punch for above, each, 1 00  
 For **Cattle**, per dozen, 75c.; per 100, 4 50  
 Punch for above, each, 1 50

**Lactometers**, each, 35c.; by mail, 50

**Milk Cans.—Railroad.**  
 20 quart, extra heavy, 3 00  
 30 " " " 3 50  
 40 " " " 4 00

**Milking Pail and Stool, "Perfect,"** 2 25

**Milking Tubes**, silver-plated, three sizes, each, 30

**Ox Balls**, for the tips of horns, brass, each, 6c., 8c., 10c. and 12

**Parchment Butter Paper.** Per 1,000 Sheets.  
 8 x 8 inches, for 1/2 lb. square prints, \$0 75  
 9 x 9 " " 1 " round " 85  
 8 x 11 " " 1 " square " 90  
 10 x 10 " " 1 " square " 95  
 9 x 12 " " 1 " round and cot. cheese, 1 00  
 12 x 12 " " " or square, 1 50  
 12 x 18 " " cottage cheese, 2 00  
 12 x 18 " " 2 lb. square prints, 2 00

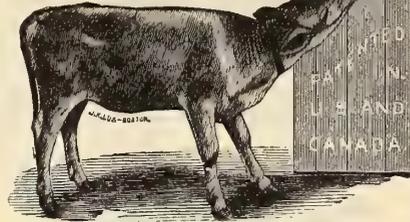
**Root Cutters, Banner (See cut),** 10 00

**Salt Roll**, to fasten to stalls, complete (See cut), 50  
 Extra Salt Rolls, 15

**Shipping Butter Boxes.**  
 Capacity, 20 pounds, 3 00  
 " 30 " 3 40  
 " 40 " 3 80  
 " 56 " 4 00  
 " 80 " 4 40  
 " 96 " 4 60  
 " 120 " 4 80

**Teat Openers.** Humane way of opening obstructed teats, 75

**Thermometers.**  
 Floating Glass Dairy, 25c. each; per dozen, 2 00  
 Maximum and Minimum, each, 2 75  
 Hot Bed or Mushroom Bed, with brass end, 1 50  
 Wooden Back, red fluid, 35  
 Tin Case, 7 inch, 15c.; per dozen, 1 50  
 " 8 " 18c.; " 1 75  
 " 10 " 20c.; " 2 00



SMALL'S CALF FEEDER. \$2.00.

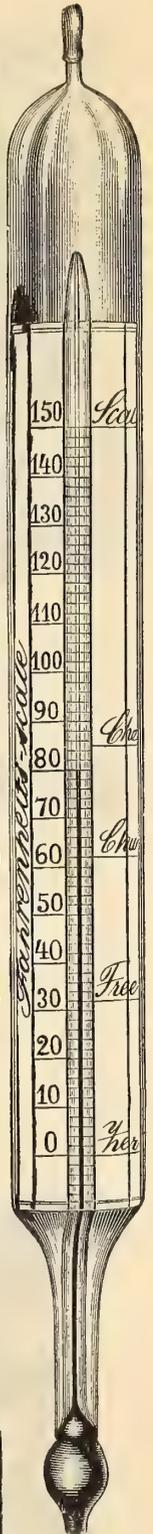


MILKING PAIL AND STOOL. \$2.25.

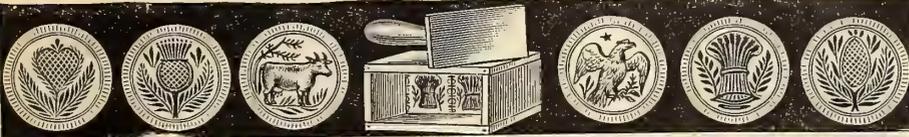
BULL GUARD in use. A perfect tamer.



BANNER ROOT CUTTER. Price, \$10.00.



FLOATING DAIRY THERMOMETER. 25c. each; 30c. by mail.



Heart.

Thistle.

Cow.

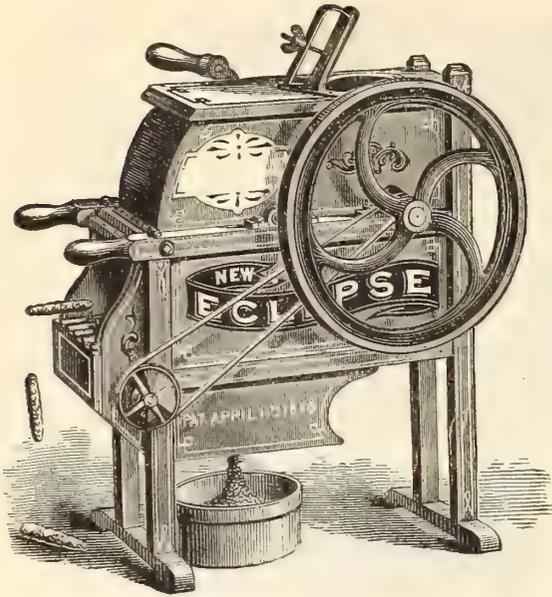
Square Mould.

Eagle.

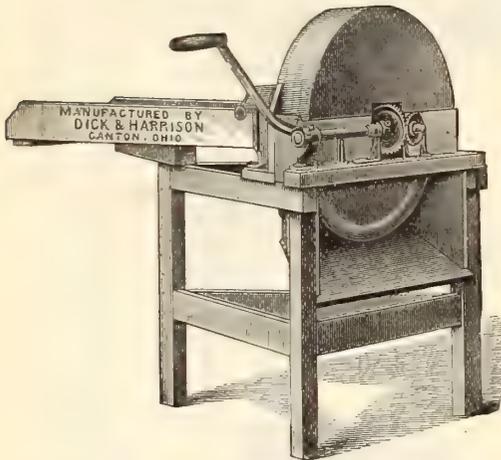
Sheaf.

Pineapple.

ROUND BUTTER PRINTS.



CORN SHELLERS. BEST STYLES, IN VARIETY.



DICK FODDER CUTTERS.



"QUAKER CITY" POWER GRINDING MILL. \$45.00.

# FARM IMPLEMENTS.

We have added a **Farm Implement** Department to our business, under the care of a competent manager, and in the future this department of our business will occupy a permanent place. Having no old stock to dispose of, our line will be strictly of **up-to-date** tools, and we invite correspondence for anything in this line.

Special catalogues and circulars issued.

**PLOWS, AND EXTRAS**

**HARROWS,**

Lever, Spike Tooth, Disk, Cutaway, Spading, Spring Tooth.

**CULTIVATORS,**

Riding and Walking.

**MOWERS,**

**HAY RAKES,**

**HAYING TOOLS,**

**CORN MARKERS,**

**CORN DRILLS,**

**CORN SHELLERS,**

Hand and Power.

**FODDER CUTTERS,**

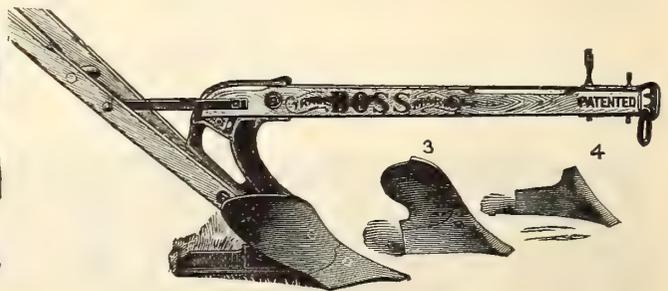
Hand and Power.

**FARM WAGONS,**

**HORSE POWERS,**

**ETC., ETC.**

In ordering repairs, give **name** and **number** of **machine**, also numbers and marks on parts wanted.



MARKET GARDENER'S "BOSS" PLOW.





# Incubators and Brooders.

## THE "PINELAND"

The New Model Pineland Incubators stand ahead of all other makes as being the most successful, strongest, best built incubators made. They have taken first premium three successive seasons at the great New York Poultry Show, in the hottest kind of competition.

**PRICE LIST.**

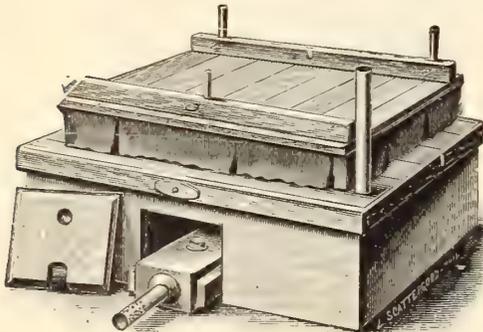
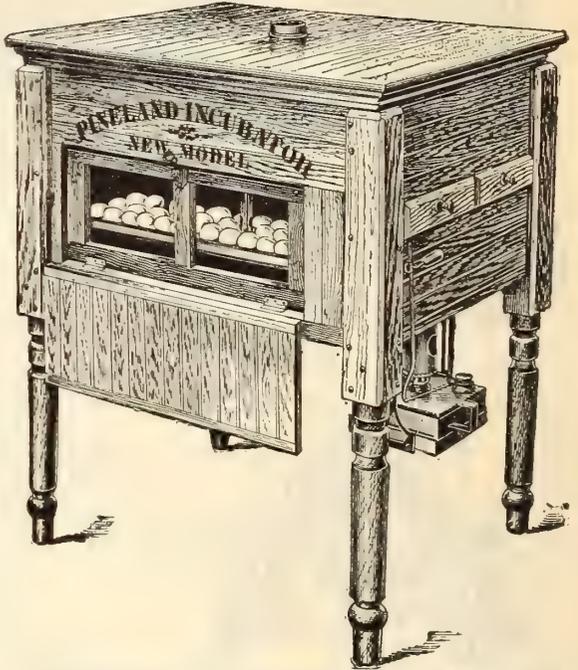
New Model Pineland, 50 egg, . . . . .	\$19 00
" " " 100 " . . . . .	21 00
" " " 200 " . . . . .	32 00
" " " 320 " . . . . .	48 00
" " " 400 " . . . . .	56 00

## "Von Culin" Simplicity Hatcher.

We also can supply the Von Culin Incubators to those who prefer them. They are thoroughly reliable machines and run steady as a clock. Once get them properly regulated and they will not vary two degrees during the entire hatch. They are heavy, strong, well made and thoroughly guaranteed.

**PRICE LIST.**

No. 1. 80 eggs, . . . . .	\$22 50
" 1½. 100 " . . . . .	25 00
" 2. 140 " . . . . .	30 00
" 2½. 200 " . . . . .	35 00
" 3. 250 " . . . . .	40 00
" 4. 432 " . . . . .	55 00
" 5. 600 " . . . . .	75 00



THE PRESSY BROODER, \$5.00.

## PINELAND BROODERS.

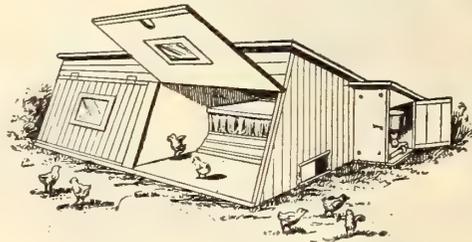
Pineland Indoor Brooder, 100 chicks, \$10.00  
 " Nursery Brooders. These can be attached to any Pineland Incubator except the 50-egg size.

Nursery Brooders,

100 and 200-egg Incubators, . . . . .	\$10 00
320 " 400 " " . . . . .	12 00

Pineland Outdoor Brooders,

50-chick, . . . . .	\$15 00
100 " . . . . .	20 00
150 " . . . . .	25 00
200 " . . . . .	30 00



PINELAND OUTDOOR BROODER.

## HAMMONTON INCUBATORS.

For a cheap Incubator without a thermostat, we recommend the Hammonton. We have sold hundreds of them, and they give very general satisfaction.

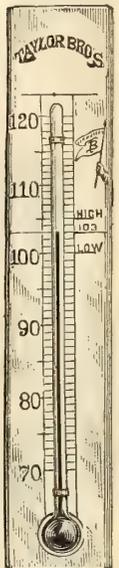
**PRICES.**

150 egg, . . . . .	\$17 00
300 " . . . . .	25 00

## THE PRESSY BROODERS.

We believe this is one of the very best Brooders made, regardless of price. We use them ourselves and have sold thousands of them with universal satisfaction.

Price, complete, with stove, . . . \$8.00



INCUBATOR THERMOMETER. 50c.

**N. B.**—After you hatch the chicks out with the *Pineland* or the *Von Culin* or the *Hammonton*, and have them safely housed in the *Pressy Brooder*, you should have some **CHICK MANNA** on hand to feed them on. With **Chick Manna** you can raise every chick you hatch. It is a complete food for the first two weeks, and this is the critical period.

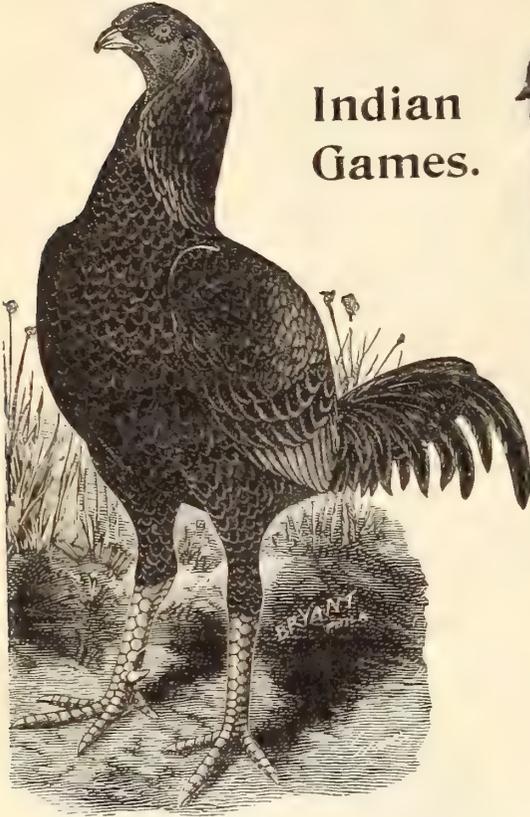
**Prices of Chick Manna**, 1-lb. package, 10 cts.; 5-lb. package, 40 cts.; 60-lb. case, in bulk, \$4.20.



HIGH  
GRADE

# FANCY POULTRY

For Prices of  
Fowls and Eggs  
See 3d Cover Page.



Indian  
Games.



BARRED PLYMOUTH ROCK COCKEREL.

## BARRED PLYMOUTH ROCKS.

The most popular and profitable breed. Our strain is grand. No finer to be had.

## CORNISH INDIAN GAMES.

Very popular, excellent table birds. Make a fine cross for producing broilers.



## GOLDEN WYANDOTTES.

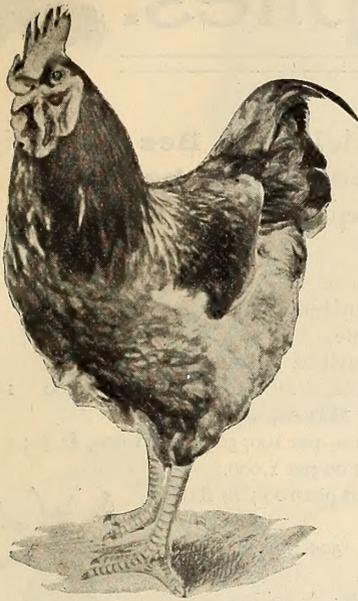
Very hardy, prolific layers and good market variety.



OUR PRIZE-WINNING WHITE PLYMOUTH ROCK COCKEREL, "JIM DANDY, JR."

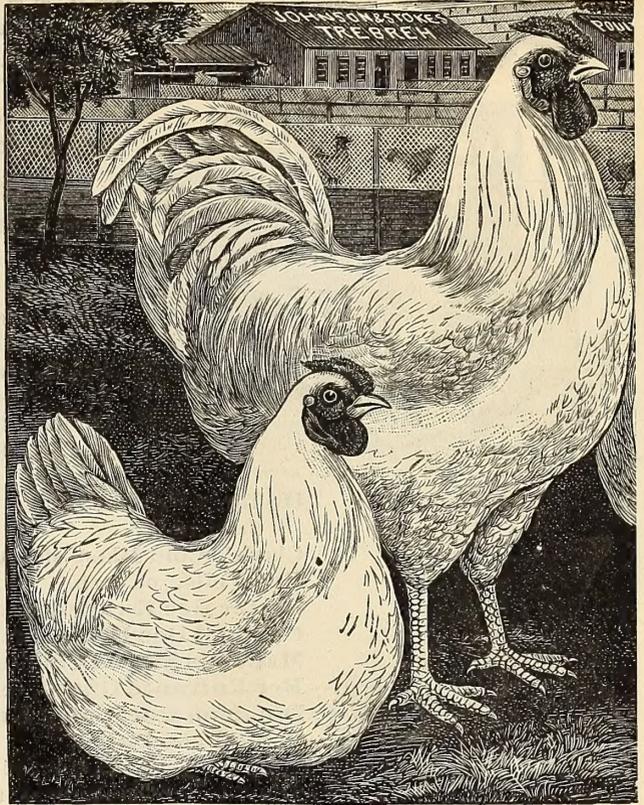
A most beautiful and profitable breed. True to type. Our stock is pure.

For Price-List of Birds and Eggs, see 3d Cover Page.



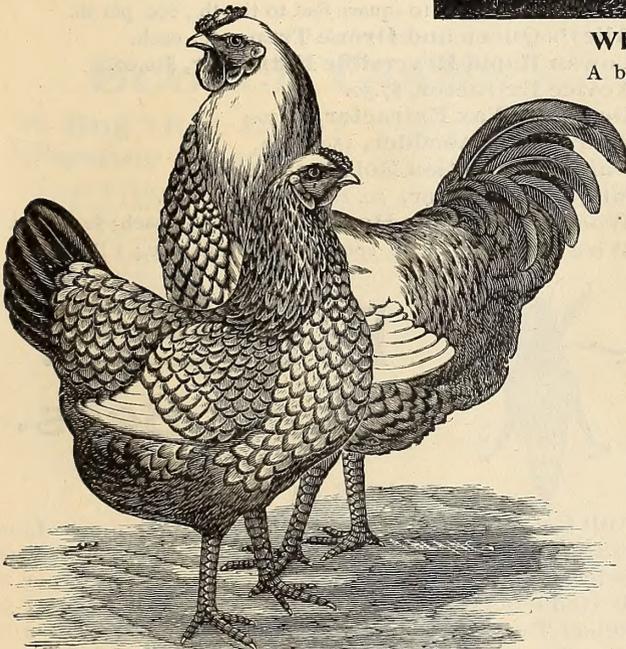
**BUFF PLYMOUTH ROCKS.**

A new strain of the popular Plymouth Rock breed.



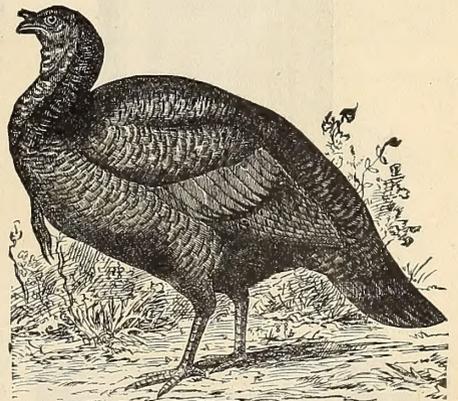
**WHITE WYANDOTTES.**

A beautiful all-round favorite.



**PRIZE SILVER LACED WYANDOTTES.**

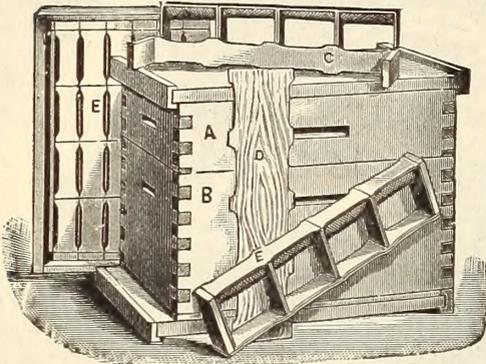
Our strain of this choice breed is unexcelled. Steady, reliable layers, and a fine table fowl.



**PRIZE MAMMOTH BRONZE TURKEY.**

It is just as easy to raise the Mammoth Bronze as the ordinary stock, and they weigh, on an average, fully 25 per cent. more. Our stock is fine.

# Bee Keepers' Supplies.



THE DOVETAILED HIVE.

Any Article in Bee Supplies not mentioned here will be quoted by letter.

	Each.	Per doz. set up.	Per doz. in flat.
<b>No. 1, Dovetailed Hives,</b> complete, . . . . .	\$1.50	\$15.00	\$12.00
<b>No. 5, Dovetailed Hives,</b> complete, . . . . .	1.50	16.00	14.00
<b>Observatory Hives,</b> set up, \$1.50.			
<b>Section Boxes,</b> per 100, 50c.; per 1,000, \$3.50; 5,000 lots at \$3.00 per 1,000.			



BEE VEILS. 50c.

**Hoffman Frames,** put up, \$2.50 per 100; in flat, \$1.70 per 100.

**Clark's Cold Blast Smoker,** 50c.; by mail, 70c.  
**Bee Veils,** 50c. each.

**Porter Bee Escapes,** 25c. each; \$2.50 doz.

**Cogshall Bee Brush,** 20c. each; by mail, 25c.

**Manum's Swarm Catcher,** \$1.00 each.

**Bee Entrance Guard,** 6c. each; by mail, 10c.

**Bingham Uncapping Knife,** \$1.00 each.

**Comb Foundation.**



Medium Brood, 5 to 6 square feet to the lb., 50c. per lb.

Thin Surplus, 10 square feet to the lb., 60c. per lb.

**Alley's Queen and Drone Trap,** 50c. each.

**Cowan Rapid Reversible Extractor,** \$10.00.

**Novice Extractor,** \$7.50.

**Doolittle Wax Extractor,** \$3.50.

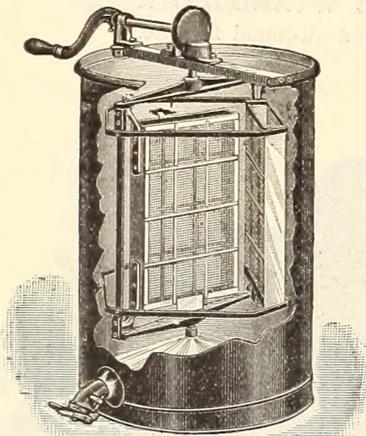
**Spur Wire Imbedder,** 15c. each.

**Daisy Foundation Roller,** 15c. each.

**Simplicity Feeder,** 5c. each; 45c. per doz.

**Wood Bound Zinc Honey Board,** 15c. each; \$2.50 doz.

**Wire on spools.** ¼ lb. spool, 10c.; ½ lb., 16c.; 1 lb., 25c.



COWAN RAPID REVERSIBLE EXTRACTOR. \$10.00.

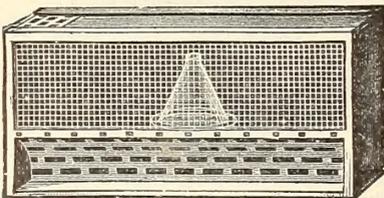


## BEES. Queen Bees.

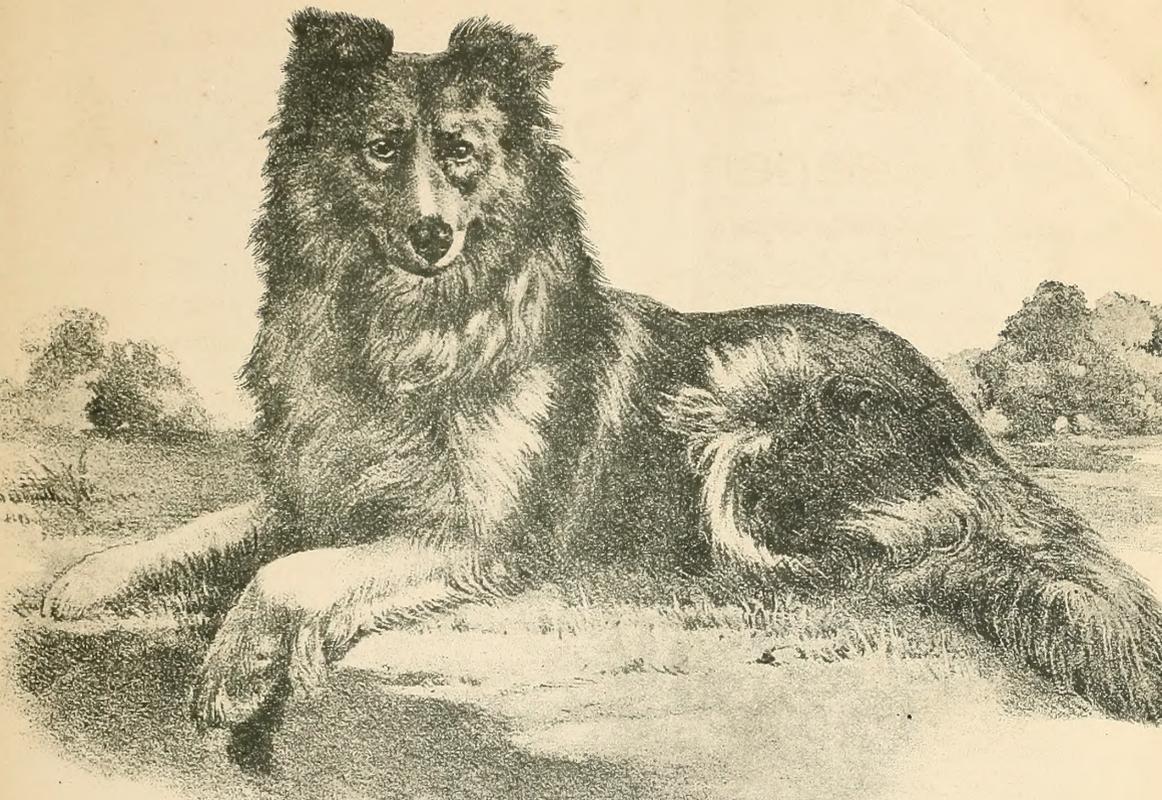
### PRICES OF BEES.

<b>Full Colony of Bees,</b> . . . . .	\$5 00
<b>Mated Queens,</b> . . . . .	1 00
<b>Selected Untested Queen,</b> . . . . .	1 25
<b>Tested Queen,</b> . . . . .	1 50
<b>Select Tested Queen,</b> . . . . .	2 50
<b>Fine Breeding Queen,</b> . . . . .	5 00

NOTE.—The price of Colony does not include Queen; that must be added to the price. The hive will also be additional, and prices will be found above.



ALLEY'S QUEEN AND DRONE TRAP. 50c.



IMPORTED SCOTCH COLLIE  
"SHERIFF" No 22.764  
FROM A PHOTOGRAPH

## Scotch Collie Shepherd Dogs

### A Dog that Every Farmer Needs . . .

one year old they are able to perform full duty, herding sheep, cattle, swine and other kinds of stock. They have a dainty carriage and fine style, profuse silky hair, bushy tail carried low, ears small and semi-erect, head long and sharp, chest deep, with plenty of lung room. In general form, lithe, symmetrical and graceful; altogether a handsome dog, and in sagacity he excels all others of the dog family.

The pure-bred Scotch Collie Shepherd Dog takes as naturally to driving stock as the Pointer and Setter to hunting birds. They are of a kind and affectionate disposition, and become strongly attached to their master's family. They are very watchful and always on the alert, while their intelligence is really marvellous. At

**IF FARMERS KNEW** Collie's usefulness in guarding his property, his assistance in the care of his cattle and sheep, the faithful, gentle and affectionate guardian and playmate of his children, they would not be without him at almost any cost.

At our kennels will be found a combination of the best and most aristocratic Scotch Collie blood to be found in America. Correspondence solicited.

**PRICES OF PUPPIES.** We can furnish first-class Puppies from the above stock, ten to twelve weeks old, at \$10 each, or \$17 per pair, no akin. These are first-class pups, but our selection. For your selection or pick of the litters we get \$15 to \$20 each, or \$25 to \$30 per pair.



## Fancy Poultry

..and..

## Poultry Supplies

We are large breeders of Choice Fancy Poultry and our special **CATALOGUE OF POULTRY and POULTRY SUPPLIES** is most complete. It is sent free.

### Poultry Price-List

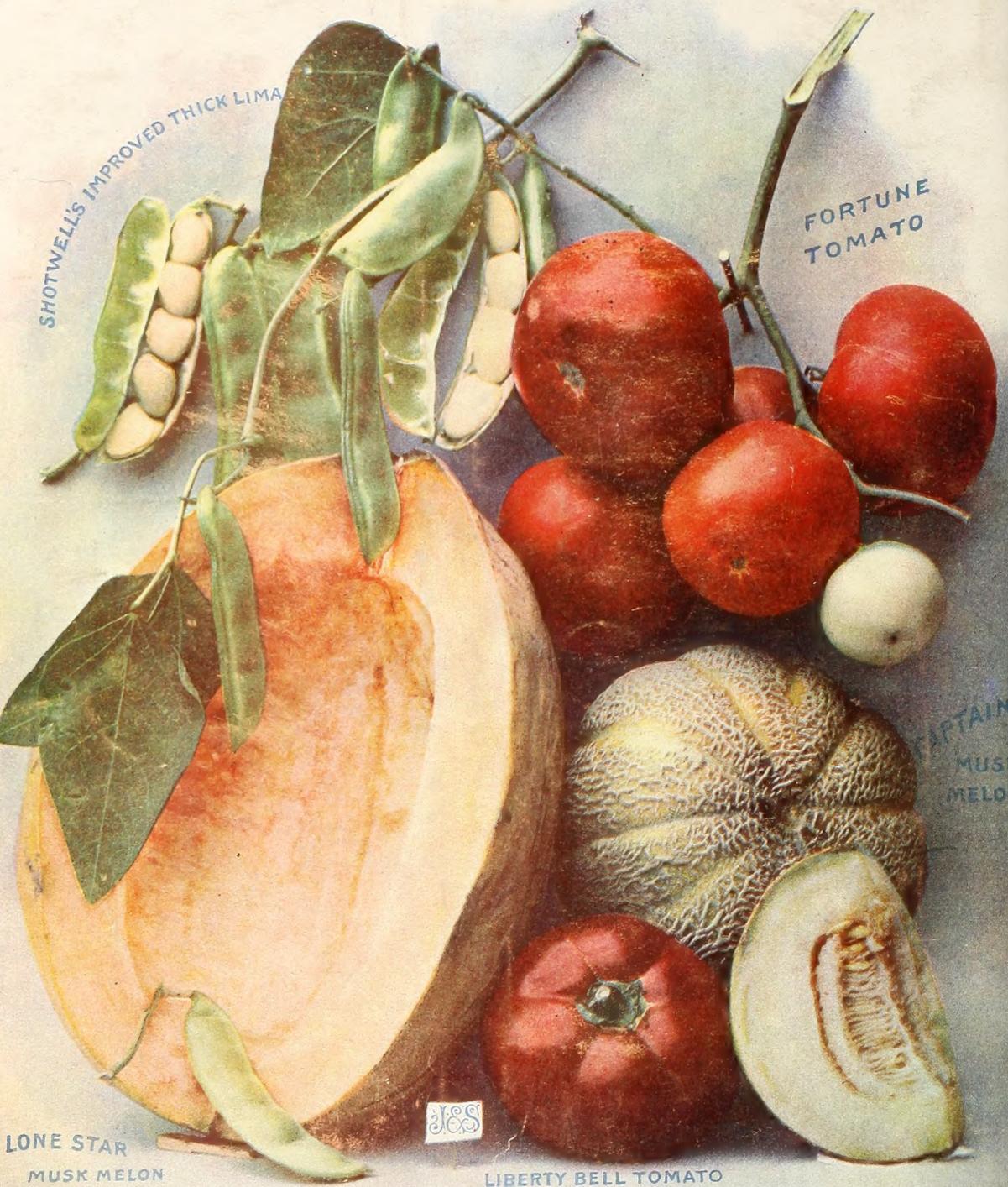
Below we give a list of prices of fowls and eggs, kept by us at all times. If any variety is wanted not included in this list, write us, as our extensive acquaintance with poultry raisers enables us to procure almost any breed.

	Good Cockerel.	Extra Selected Cockerel.	Per Trio.	Eggs per 13.	Eggs per 26.
White Wyandottes . . . . .	\$4 00	\$5 00	\$10 00	\$2 50	\$4 50
Golden Wyandottes . . . . .	4 00	6 00	10 00	2 50	4 50
Laedl Wyandottes . . . . .	4 00	5 00	10 00	2 50	4 50
Buff Plymouth Rocks . . . . .	4 00	6 00	10 00	2 50	4 50
White Plymouth Rocks . . . . .	4 00	5 00	10 00	2 50	4 50
Barred Plymouth Rocks . . . . .	3 00	5 00	9 00	2 00	3 50
Indian Games . . . . .	4 00	6 00	10 00	2 50	4 50
Black Minorcas . . . . .	3 00	5 00	9 00	2 00	4 50
Black Spanish . . . . .	3 00	5 00	9 00	2 00	3 50
Langshans . . . . .	3 00	5 00	9 00	2 00	3 50
Houdans . . . . .	3 00	5 00	9 00	2 00	3 50
Light Brahmas . . . . .	3 00	5 00	9 00	2 00	3 50
Dark Brahmas . . . . .	3 00	5 00	9 00	2 00	3 50
White Leghorns . . . . .	3 00	5 00	9 00	2 00	3 50
Brown Leghorns . . . . .	3 00	5 00	9 00	2 00	3 50
B. B. Red Games . . . . .	3 00	5 00	9 00	2 00	3 50
Buff Cochins . . . . .	3 00	5 00	9 00	2 00	3 50
Partridge Cochins . . . . .	3 00	5 00	9 00	2 00	3 50
				Per 6.	Per 12.
Mammoth Bronze Turkeys . . . . .	7 00	8 00	16 00	3 00	5 75
Pekin Ducks . . . . .	3 50	4 50	9 00	1 00	2 00

# JOHNSON & STOKES

217 AND 219  
MARKET STREET.

PHILADELPHIA.



SHOTWELL'S IMPROVED THICK LIMA

FORTUNE  
TOMATO

CAPTAIN  
MUSK  
MELON

LONE STAR  
MUSK MELON



LIBERTY BELL TOMATO