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LEONARD'S

ILLUSTRATED - 1897 - CATALOGUE



S. F. LEONARD

153 - 155 West Randolph Street

CHICAGO



PHOTOGRAPHIC VIEW OF CHICAGO HAYMARKET, TAKEN FROM WEST END, LOOKING EAST, SHOWING LEONARD'S SEED STORE AND MARKET GARDENERS SELLING VEGETABLES PRODUCED FROM LEONARD'S SEEDS.

APRIL 1888

# ORDER SHEET

FOR

## S. F. Leonard's Market Garden Seeds

153 and 155 West Randolph Street  
CHICAGO, ILL.

WRITE DISTINCTLY

Your Name \_\_\_\_\_ Date \_\_\_\_\_ 189

Postoffice \_\_\_\_\_ Amount Enclosed, \$ \_\_\_\_\_

County \_\_\_\_\_

State \_\_\_\_\_

Express or Freight Office \_\_\_\_\_  
(if different from P. O.)

Our prices include postage or expressage on packets, ounces, pounds, pints and quarts of vegetable and flower seeds, also on bulbs and plants, except where otherwise noted ; but purchaser must positively pay all charges on pecks and bushels.

Please do not write here

If you wish to write us for  
information or prices, please  
do not use this Order Sheet

QUANTITY

ARTICLES

PRICE

QUANTITY

ARTICLES

PRICE

*Brought forward,*

YOU WILL GREATLY OBLIGE US IF YOU WILL WRITE HERE THE NAMES OF  
MARKET GARDENERS IN YOUR VICINITY

NAME

POSTOFFICE

COUNTY

STATE



CHICAGO, U. S. A.



WE take pleasure in handing you herewith our *Catalogue for 1897*. The varieties listed are those that will give satisfactory results. The illustrations and descriptions are as near right as they can be made. Our prices will be found low. In regard to the quality of our supplies, our best argument is the constantly increasing demand for LEONARD'S SEEDS. Our aim has been to establish a seed house noted for reliability, and at the present time no house in the trade bears a better name, and no brands of seed are considered more safe or satisfactory than those offered under our TRADE MARK.



## Special Notice.

Our seed crops the past season have been unusually large, consequently we are able to make closer prices than common. The

prices we have made are as low as seeds of good quality should be sold for. Our reputation has been built up by furnishing seeds of the best quality as to purity and germination, and we shall always endeavor to furnish the best seeds that can be procured, and make prices as reasonable as possible.

We are in a position to furnish good seeds at as low figures as any reliable house, and we are willing to meet the prices of all such, but we cannot be expected to compete in price with seeds of questionable character. There are several large lots of such seeds being offered this season, and there never was a time when farmers or gardeners should be more careful in regard to the quality of the seed they purchase, and the reputation of the house from whom they purchase it.

## INSTRUCTIONS TO PURCHASERS.

**TERMS OF SALE.**—Cash must be sent with the order. This can be done either in the form of a Money Order, Bank Draft, Express Order, Registered Letter, or cash may be sent by express. Postage stamps received same as cash. Remittances in any other way are entirely at sender's risk.

**WHEN TO ORDER.**—We are prepared to fill your orders as soon as this catalogue reaches you, so please order early.

**ABOUT FORWARDING.**—Every order is executed at once upon its receipt, or a reason given why it has not been sent, so that parties ordering may know that if goods are not received in proper time, it is almost certain that the letter has not been received by us.

**SEEDS ARE GUARANTEED** to arrive safe and in good condition, due care having been given to observe faithfully the previous and following suggestions, in all cases where the order is accompanied by the necessary remittances.

**WE PAY POSTAGE AND EXPRESSAGE**, except where noted otherwise, on all seeds ordered by the packet, ounce or pound, pint and quart, but positively not by the peck or bushel.

**NAME AND ADDRESS** should be written as plainly as possible, and care exercised to have place of residence, county and state in full, giving all shipping directions. This is imperative and of vital importance, as we frequently receive orders and letters desiring information, etc., without any signature, or wanting in some other particulars, to which, of course, we are unable to respond. Thus what may sometimes appear to be negligence or error on our part is very often due wholly to lack of care on the part of our customers.



## SEEDS IN PACKETS LOWER THAN EVER.

To meet the conditions of the times and to help out those who do not wish to spend much money for seeds this year, we make this Great Reduction.

**YOU** CAN HAVE \$0.50 WORTH OF SEEDS IN PACKETS FOR \$0.40.  
CAN HAVE \$1.00 WORTH OF SEEDS IN PACKETS FOR \$0.75.  
CAN HAVE \$2.00 WORTH OF SEEDS IN PACKETS FOR \$1.40.  
CAN HAVE \$3.00 WORTH OF SEEDS IN PACKETS FOR \$2.00.  
CAN HAVE \$5.00 WORTH OF SEEDS IN PACKETS FOR \$3.00.

THIS PUTS OUR PRICES ON PACKETS RIGHT DOWN TO THE LOWEST NOTCH.

SIMEON F. LEONARD, *Seed Farmer and Merchant,*

153 - 155 W. Randolph St., CHICAGO, ILL.

# Sweet Peas

The New Large-Flowering Varieties.

The following are Sweet Peas of special merit of the latter introductions. Also notice the Sweet Pea collection in the general list.



**GAIETY.**—  
A large, fine sort. White with carmine stripes. **Packet 5c.**

**EMILY HENDERSON.**—Pure, clear, satiny white. Flowers extra large, perfect in form. Stems are long, bearing five to seven flowers. Best white for cut flowers. **Packet 5c.**

**ELIZA ECKFORD.**—Standards of pale rose. The back of each flaked with a deeper rose. Wings are lightly striped with rose. **Packet 10c.**

**FIREFLY.**—Largest expanded form. Standards a deep brilliant scarlet. Wings of fiery shade. The most brilliant sweet pea yet introduced. **Packet 10c.**

**AMERICA.**—Color white, heavily striped, with intense scarlet. Large flower. **Packet 10c.**

**AMERICAN BELLE.**—Standards clear bright rose, wings crystal white with bright purplish spots. Spots are very distinct. **Packet 5c.**

**BLANCHE BURPEE.**—Flowers pure white, four on a stem. Large and perfect. **Packet 10c.**

**BLUSHING BEAUTY.**—Delicate pale pink. Very large and beautiful. Fine for bouquets. **Packet 5c.**

**DAYBREAK.**—White ground; on the reverse of the standard is a crimson cloud which shows through in the veins and net work, giving a fine crimson watered effect. Large and fine form. **Packet 10c.**

**DUKE OF CLARENCE.**—Reddish wine color. A large, fine variety. **Packet 5c.**

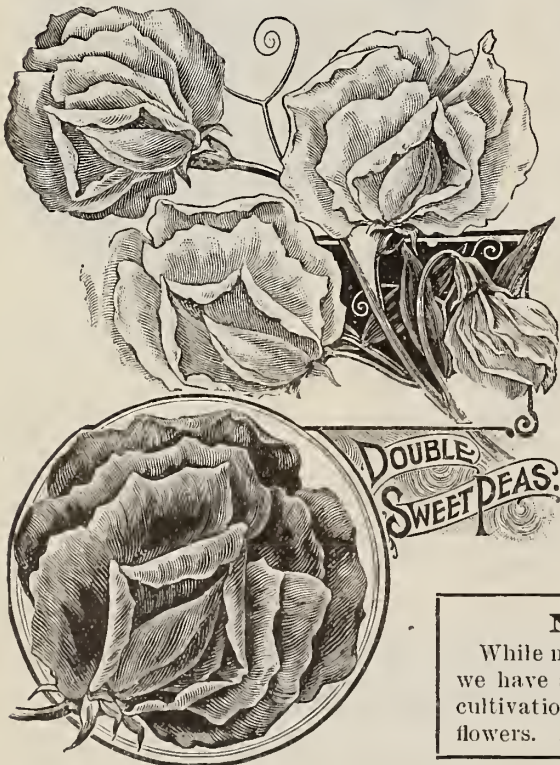
**DUKE OF YORK.**—Standards bright rosy pink, with a tint of primrose. Wings primrose, tinted white. Very beautiful. **Packet 10c.**

## Extra Early Blanche Ferry.

Like the Blanche Ferry, but fully two weeks earlier. The best variety for out-doors or for forcing. Next to Cupid the most dwarf variety. A long bloomer. This is the best variety for cut flowers. The best sort for florists' use. **Pkt. 5c.**



Extra Early Blanche Ferry.

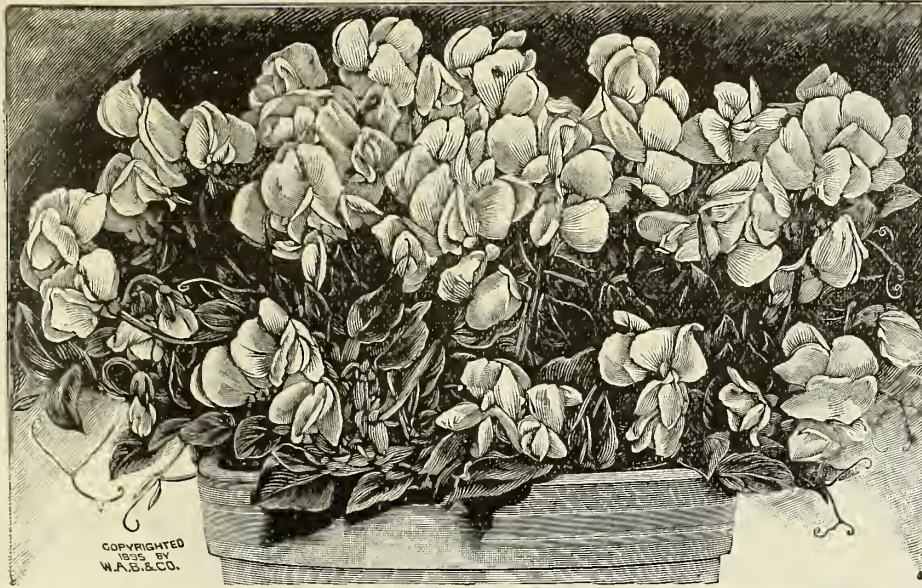


DOUBLE SWEET PEAS.

### NEW DOUBLE.

While not all will turn out double, still we have a strain which will, with good cultivation, grow forty per cent of double flowers. All colors mixed. **Pkt. 10c.**





A Single Plant of CUPID.—GROWN IN A POT. Engraved from a Photograph.

THE  
NEW DWARF SWEET PEA  
**CUPID**

GROWS ONLY FIVE INCHES HIGH.

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.

Packet 10c.

**GRAY FRIAR.** Unlike any other in color, which is gray. Large flower of the hooded form. Packet 10c.

**JUANITA.** Color pure white, delicately lined and striped with pale lavender. Fine, large flower. Packet 10c.

**LADY PENZANZE.**—Standards apricot color, wings a brilliant rose; beautiful variety. Packet 5c.

**LEMON QUEEN.**—Delicate blush standards, faintly tinted lemon, wings almost white. Of large, fine form. Packet 5c.

**MRS. JOSEPH CHAMBERLAIN.**—White, heavily striped, and flaked with brilliant rose. Packet 10c.

**MRS. ECKFORD.**—The best yellow. Handsome, delicate sulphur yellow, a shade deeper than primrose. Large and fine. Packet 5c.

**ODDITY.**—Pale carmine, edged with bright rose. Standards inclined to curl. Heavy stems, usually bearing four flowers. Packet 10c.

**PRINCESS VICTORIA.**—Standards bright scarlet, wings cardinal. Large flowers. Packet 5c.

**PRINCESS MAY.**—A little lighter than Countess of Radnor, almost a true light blue. Packet 10c.

**RAMONA.**—Creamy white, delicately splashed and striped with pale pink on both wings and standards. Packet 10c.

**RISEING SUN.**—Orange and rose-shaded carmine; wings rose, shading to blush. Flowers small but pretty. Packet 10c.

**ROYAL ROBE.**—Delicate pink standards, wings soft blush pink. Packet 10c.

**VENUS.**—One of the best of the newer sorts, color a salmon buff; the standards delicately shaded rosy pink. Largest expanded form. Packet 5c.

## KATHARINE TRACY.

The Largest and Finest Pink Sweet Pea.

This is perfectly formed and unsurpassed in size. Color is a soft, brilliant pink throughout. Vines are hardy, and bloom abundantly the whole season. One of the best in size, form and color. Packet 5c.



KATHARINE TRACY.

One package each of EMILY HENDERSON, Gaiety, KATHARINE TRACY, Mrs. Eckford, EXTRA EARLY BLANCHE FERRY, sent post-paid for 25c.



Leonard's Giant Five Spotted Pansy.

## Comet Asters.

Handsome and distinct asters resembling the Japanese chrysanthemum in shape of flower. The petals are long and beautifully curled. Colors are bright and are produced in great abundance. Our strain is very double and fine. Per packet, 10c.

One package each of Leonard's Giant Prize Pansy, Madam Gunter's Hybrids Nasturtiums, Comet Asters, and The Wild Flower Garden sent post-paid for 25c.



Madam Gunter's Nasturtiums.

## LEONARD'S SPECIAL STRAIN OF Giant Five Spotted Pansy

Enormous sized pansies of rich velvety texture. Every one is different, and all are distinctly marked with rich and varied shades and colorings. These pansies are the most perfectly formed of any we have ever seen. Flowers are carried on good strong stems, and are of good substance. Their robust growth makes them a general favorite. Every lover of pansies should try this strain. Per packet, 15c.

**LEONARD'S GIANT PRIZE MIXED PANSIES.**—Largest prize varieties. Grand rich velvety colors. Perfect in form and of all colors. Per packet, 10c.



Comet Aster.

**LEONARD'S GIANT BUTTERFLY.**—This strain is beautifully marked and blotched. Large fine form, and of endless colors. Per packet, 10c.

**PEACOCK PANSIES.**—A very fine pansy of striking colors. Form and substance perfect. Upper petals are ultramarine blue, resembling in shade the peacock feathers. Lateral and lower petals are of a deep claret, margined white. Per packet, 10c.

**RED VICTORIA PANSIES.**—The best red pansy. It is a beautiful rich deep red color throughout. Large, velvety and of fine form. Per packet, 10c.

## Climbing Nasturtium.

**MADAM GUNTER'S HYBRIDS.**

These new nasturtiums have no equal, very fine hybrids ranging through a great variety of colors. Shades of rose, salmon, bright red, yellow, self colors, also striped and spotted. Foliage dark. Free and continuous bloomers—all colors mixed. Per packet, 10c.

## A Wild Flower Garden.

A mixture of many varieties of beautiful, easy-growing, hardy flowers, producing a constant and varied bloom the whole season. It is adapted 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 Mignouette, Candytuft, Larkspurs, Marigolds, Poppies, Foxgloves and many other garden favorites, which will flower successively and yield an abundance of bloom.

Large packet, 5c.

# GIANT IMPERIAL JAPANESE Morning Glories.

The flowers of these Morning Glories are double the size of the ordinary morning glory, running from four to six inches across. The vines are strong and robust, growing from 30 to 50 feet high during the season. The leaves are heart-shaped. Some vines have dark green foliage, others have silvery leaves or yellow. Some leaves are mottled dark green, white and gray. The chief beauty, however, is not their leaves or gigantic size, but the beautiful coloring of the large flowers. The colors, shadings and markings are numberless. Some flowers are deep, rich and velvety, others are daintily tinted and shaded. The solid colors range through all the shades of red, from soft rose to crimson and maroon; from light to deep blue indigo and blackish purple; from snow white to cream and silver gray. Some are striped, starred and spotted, or edged with the brightest contrasting colors. Sow early in a warm, sunny place in good rich soil. **Single and double, all colors, mixed. Per pkt, 10c.**



Giant Imperial Japanese Morning Glories.

## Ampelopsis.

### VEITCHII (Boston Ivy).—

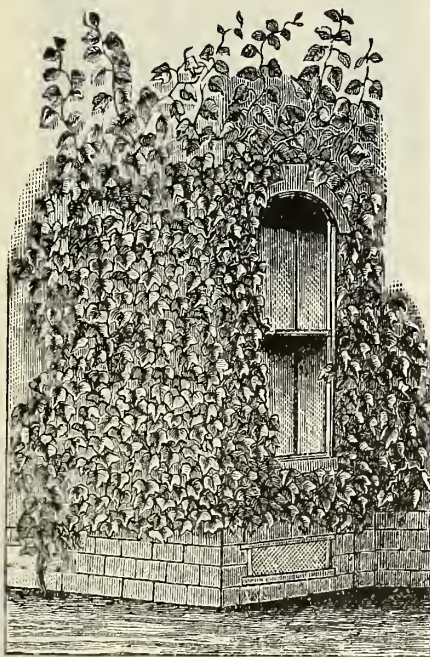
This climber is of great value. If once planted, will always remain, growing larger and better every year. It will cling firmly to the side of a house or wall, and soon become a mass of foliage. It clings to the smoothest surface perfectly. Foliage dark-purplish, glossy green, every leaf lapping. Gives excellent satisfaction.

**QUINQUEFOLIA (American Ivy).—**The old Virginia Creeper. Invaluable where a coarse, rapid climber is desired. Either variety, large roots, 25c each.

### Madeira Vine.

**MIGNONETTE VINE.**—A beautiful climber, with thick, glossy, light green, almost transparent, leaves. Flowers fragrant, small white, in long racemes. Quick grower.

Roots, each 5c; 40c per dozen, prepaid.



Ampelopsis Veitchii.

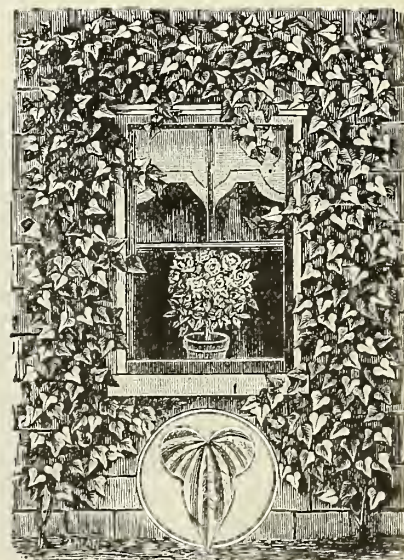
**We charge no postage on Flower Seeds or Bulbs, but deliver them free to any Post Office in the United States or Canada.**

## Chinese Yam or Cinnamon Vine.

The stem is 12 to 20 feet in length, of rapid growth and climbing habit, forming an excellent covering for screens, arbors and unsightly places. The flowers are small, delicate, white, in clusters, and owing to the peculiar spicy fragrance which scents the air for a long distance, they are also rightly called the Cinnamon Vine. Leaves are heart shaped, edged crimson, and make a pretty contrast with the white flowers.



Chinese  
Yam  
or  
Cinna-  
mon  
Vine,  
Large  
roots,  
10c  
each.



Cinnamon Vine.





Tuberous Begonias.

## DOUBLE LARGE FLOWERING DAHLIAS

The following is a collection of the best Double Large Flowering Dahlias. While there are many other sorts, we find this assortment gives the best satisfaction.

**Boabdil**—Large, blood red.

**Black Knight**—Crimson maroon.

**Pluton**—Large, full flower of rich, lively yellow; fine.

**Flora**—Bright magenta pink.

**Hector**—Cherry red.

**La Phare**—Brilliant scarlet.

**Oriole**—Rich golden yellow.

**Ovid**—Rich royal purple.

**Queen Victoria**—Very fine yellow.

**Saragossa**—Straw color.

**Vesta**—Pure white; very fine.

**Puritan**—Pure white.

**Large Roots.**

15c each, set of 12, \$1.50 prepaid.

Dahlias can also be readily grown from seed. Start the seeds early and it will produce quite perfect flowers the first season and give as good satisfaction as if the roots were planted. Fine double mixed, per packet, 5c.

Single mixed, very beautiful and brilliant, including many striped and blotched in a most grotesque manner. Per packet, 5c.

## TUBEROUS BEGONIAS

This class is becoming very popular either for beds of summer flowers or as pot plants for the house. Can be grown out-doors with fine success. Nothing can exceed the brilliancy of their colors, the delicacy of their tints, the richness of their waxy flowers, the gorgeousness of their effect in masses or their graceful appearance in beds or borders. From the time the first blossom appears until growth is stopped by frost they are never out of bloom. They grow best if planted in partial shade. When through blooming in the fall the roots should be dried and packed in charcoal dust or dry leaf mold, and be kept in a warm room until February or March, when they may be started again.

Single Flowered, Mixed, 10c. each, \$1.00 per doz.

Double Flowered, Mixed, 20c. each, \$2.00 per doz.

Select bulbs only are offered.



Cape Hyacinth.

## CAPE HYACINTH

**Hyacinthus Candicans.**—

Large showy plants for centers of beds, or if grown in groups make a fine display. Flower spikes from four to five feet high, bearing from thirty to forty large pure white bell-shaped fragrant flowers.

Large bulbs, each 10c.

Per dozen, 75c.

**One Dahlia Root,  
any color, one  
Single Tuberous  
Begonia and one  
Cape Hyacinth  
sent post-paid  
for 25 cents.**



Double Dahlia.

# LILIES.

**AURATUM.**—The golden banded lily of Japan. It is decidedly the most beautiful of all lilies, and is rightly named "Queen of Lilies." The immense blooms measure nearly a foot when fully expanded. Very profuse and deliciously fragrant. Large, white petals, thickly spotted with rich chocolate-crimson, and have a bright golden-yellow band through the center of each. Succeeds well everywhere, and is perfectly hardy. Finest imported Japanese.

Large bulbs, 25c. each.

**RUBRUM or ROSEUM.**—One of the hardiest varieties, with flowers white and red. The red varying from a delicate rose to a bright crimson. Very fragrant and hardy. Strong bulbs; 15c. each.

**TENUIFOLIUM.**—Coral, Lily of Siberia.—Beautiful vermilion scarlet. Produces from six to twenty-five flowers per bulb. Hardy, early bloomers.

Bulbs, 20c. each.

**SUPERBUM.**—Flowers bright orange with yellow spots. Tall grower and fine bloomer. 10c. each.

**ALBUM SPECIOSUM.**—Color pure white, with a slight rose tint on the ends of the petals. Form perfect. Petals reflexed. The fringe in the center of the flower is very long and fine, giving it an exquisite appearance. 20c. each.

## WHITE CALLA.

*Richardia Æthiopica.*

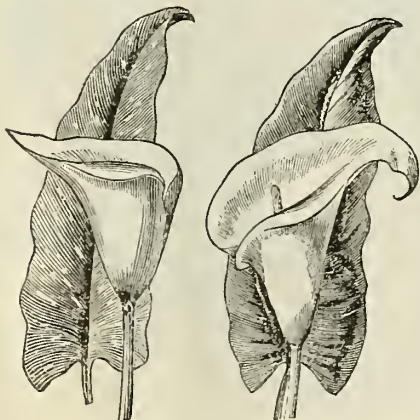
The Egyptian Lily or Lily of the Nile.—Will prosper anywhere if given plenty of water. An excellent plant for aquariums. Our bulbs are California grown, and are larger and better this year than ever. 20c. each.

## SPOTTED CALLA.

*Richardia Alba Maculata.*

Leaves spotted white. A fine summer plant. Bulbs must be kept in dry sand during the winter.

Large bulbs, 20c. each.



Spotted Calla.

Egyptian Lily.

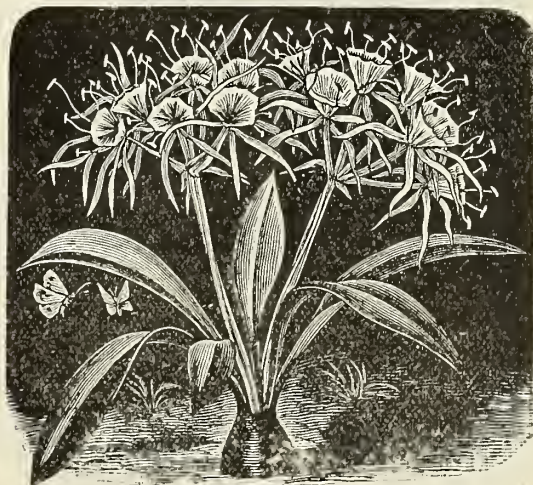


Lilium Auratum.

## SPIDER LILY.

**Pancreatium Carribæum.**—Of easy culture. Produces freely clusters of large white flowers of delightful fragrance. They may be grown in pots, in good rich soil, and will bloom well in the house. When planted out in the summer, they should be taken up in the fall, potted, and very little or no water given until the next season. Bulbs increase in size and bloom more abundantly. It is a curious and beautiful flower.

Large flowering bulbs, 20c. each.



Spider Lily.

Bulbs and  
Plants  
are not sent  
until  
danger of frost  
is over.

# Tuberose.

Pure white, waxy flowers. Extremely fragrant. We select our bulbs with great care, and customers will find they will grow larger, finer and more double tuberose from our stock than any other. Only large, fine, double blooming bulbs will be sent.

**TALL, DOUBLE.**—Three to five feet high, strong and free blooming. Prepaid, 6 for 20c, per dozen 35c.

**PEARL.**—Larger, better and more flowers produced by this sort than the old variety. Stems short; from two to three feet high. Prepaid, 6 for 20c, per doz. 35c.

**EXCELSIOR PEARL.**—An improvement on the ordinary Pearl; produces very heavy spikes of large double flowers. Prepaid, 5c each; per dozen 50c.

## Gladiolus.

These desirable bulbs should be planted in every garden. Claimed by many to be "the flower of all flowers." They contain every shade of color, from the most brilliant and gorgeous to the softest and most delicate. The immense spikes of bloom develop in the greatest perfection, if cut when the first four flowers open, and placed in water—they will last ten days.

**MIXED, LARGE FLOWERING BULBS.**—This mixture is composed of every color—white, pink, yellow, rose, scarlet, crimson, dark maroon, etc., beautifully marked and variegated. Prepaid, each 4c, per dozen 30c.

**RED MIXED.**—All shades. Prepaid, each 5c, per dozen 40c.

**WHITE AND LIGHT COLORS.** Prepaid, each 5c, per dozen 40c.

**PINK SHADES.**—Prepaid, each 5c, per doz. 40c.

**YELLOW MIXED.** Prepaid, each 5c, per dozen 40c.



Gladioli.

## Tigridias.

These bulbs grow about one and one-half feet high, producing flowers of the most exquisite beauty. Flowers are large, about four inches across, of singularly curious shape, and the color of each variety gorgeous and purely contrasted. Blooms from July to October.

**TIGRIDIA CONCHIFLORA** (Mexican shell flower).—Fine dark yellow, large red spots. 5c each, 30c per dozen.

**TIGRIDIA GRANDIFLORA** (Peacock tiger flower).—Very large, bright 5c each, 30c per dozen.



Tuberose.

crimson, center mottled with yellow.

**TIGRIDIA GRANDIFLORA ALBA.**—Flowers large, ivory white, spotted at the base with red on yellowish ground, forms a fine contrast with the white petals. 8c each, 75c per doz.

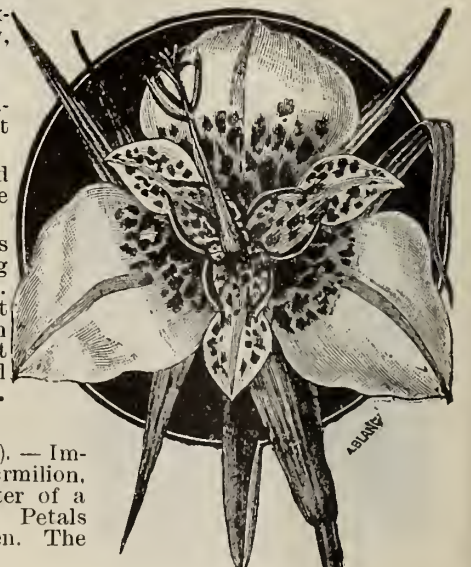
**CALADIUM ESCULENTUM** (Elephant's Ear).—One of the most beautiful and striking of the ornamental-foliaged plants in cultivation. When of full-grown size, it stands about 5 feet high, with immense leaves, measuring 4 feet in length by 2½ feet in breadth; smooth, light green color, beautifully veined and variegated. Large roots 25c each. Small size 15c each.

**CANNA DWARF** (Madame Crozy).—Immense flower heads of the deepest vermilion, gold bordered. Double the diameter of a gladiolus spike. Always in bloom. Petals broad and finely rounded, foliage green. The finest canna.

Large roots 15c each.



Caladium Esculentum.



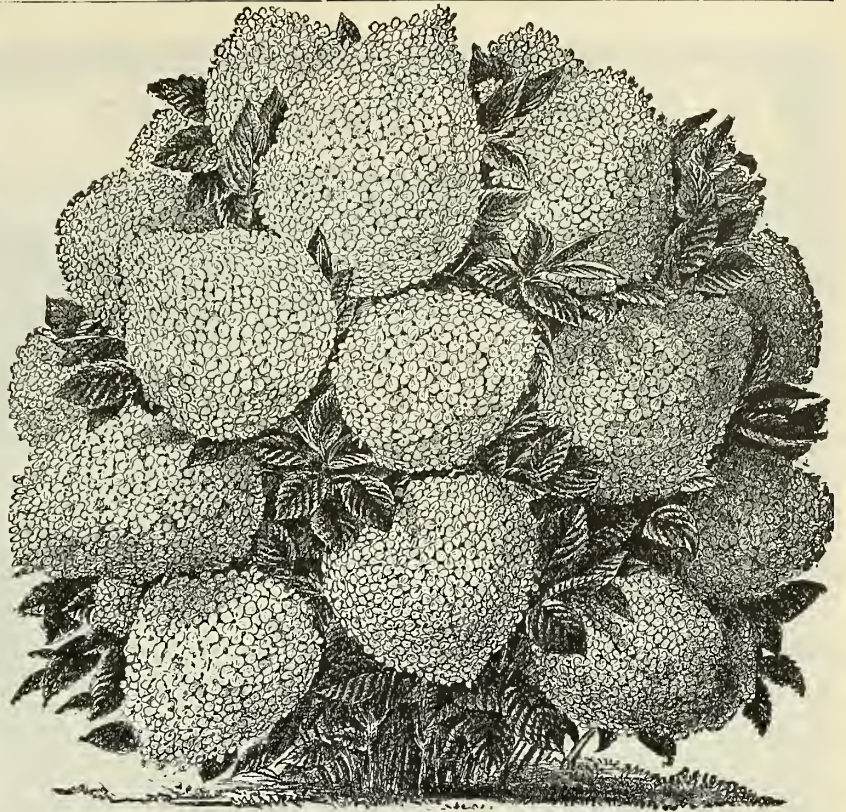
Tigridias.

## Hydrangea.

### PANICULATA GRANDIFLORA.—

This is one of the most valuable hardy shrubs. It attains a height of three to four feet. Perfectly hardy in any climate. Flowers are pure white, borne in immense pyramidal panicles, nearly a foot in length. Blooms from July until November. An excellent shrub for cemetery planting.

Large, strong, blooming shrubs, 25c each.



HYDRANGEA PANICULATA GRANDIFLORA.

## Spirea

### Van Houttei.

The most showy of all Spireas, and one of the best flowering. A tall, upright grower. Long slender branches that droop gracefully with their weight of flowers and foliage.

Flowers are pure white, in great clusters or whorls, forming plumes two feet long. A beautiful shrub. 20c each.



BRIDAL WREATH OR SPIREA VAN HOUTTEI.

## Mountain Fleece.

*Polygonum Amplexicanule var Oxyphyllum.*

Lovely, fragrant, white fleecy flowers. Easily grown, robust, and extremely profuse. The plants make a huge mass of snowy bloom. The plants are from 2½ to 3½ feet high, leafy from the base. Flowers are numerous: small, white, changing to pink. Fine plants that will bloom, 20c each.

## Double Dwarf Sunflower.

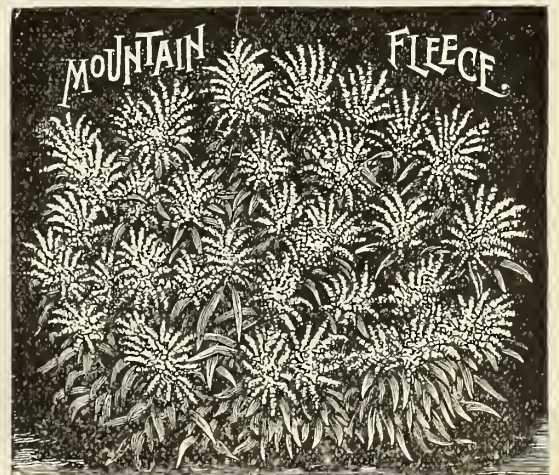
This variety of Helianthus is a perfect gem. The plants attain a height of almost four feet, and in their blooming season are nearly covered with bright yellow flowers, so much like Dahlias that they are easily taken for them. It needs never to be replaced, as the plants are perfectly hardy and come up every year. Roots bloom the first year.

15c each, two for 25c.



DOUBLE DWARF SUNFLOWER.

ONE  
EACH  
OF THE  
FOUR  
PLANTS  
NAMED  
ABOVE  
SENT BY  
MAIL,  
PREPAID  
FOR  
75 CTS.





# PRIZETAKER ONION.

This magnificent variety of onion should be grown by every one who has a garden. It is without doubt the largest yellow onion known. It will produce an abundant crop, and will bring large returns to all who grow it. It has made money for hosts of our best customers.

## YOU WILL NOTICE

that the price of the seed is very low this year; lower, in fact, than it has ever been for seed of this kind.

Onions have been grown from Prizetaker seed that have weighed  $3\frac{3}{4}$  lbs. It is a great yielder. It has a beautiful brownish-yellow color, ripens up evenly and in good season. **It is not late**, and it can be pulled for green onions as early in the season as any variety. It is desirable for all purposes, and

## IF YOU WANT

one of the best onions in the list you will make no mistake to buy the Prizetaker. It is really

## A GOOD THING.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50.

# NEW ORION PEAS.

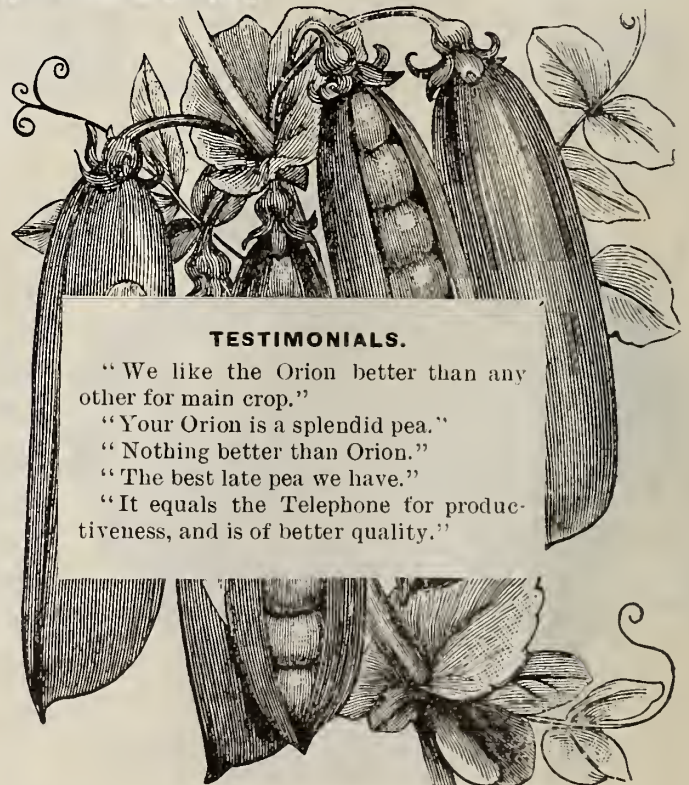
You may think that there are enough peas now, without any more new ones. Well, that's all right, but this one is going to make room for itself, for all that. It originated at Fort Atkinson, with Thomas Crane, and was introduced for the first time by us last season.

The pods are large, finely shaped and well filled with large, delicious peas. The dried peas are large, light-yellow, very much dented. It is an entirely distinct variety.

There is one good feature about the **Orion** which the Telephone and others do not possess, and that is, that when the peas are cooked the skin of the Orion is soft and tender, while Telephone and other similar sorts have a tough skin which is very noticeable in the eating.

The vines of the **Orion** are strong, stand up well; are about  $2\frac{1}{2}$  to 3 feet high; need no support. It is a very prolific variety, and will give every satisfaction for home use or for market. We have grown this pea for three years now. The past season we had Telephone, Sharpe's Queen, Heroine, Shropshire Hero, Stratagem, Duke of Albany and many more of the large wrinkled peas of recent introduction, on our farm, alongside of Orion, and it proved the best of them all.

Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 25c, qt. 40c.



### TESTIMONIALS.

"We like the Orion better than any other for main crop."

"Your Orion is a splendid pea."

"Nothing better than Orion."

"The best late pea we have."

"It equals the Telephone for productiveness, and is of better quality."

New Orion Peas.





HONOR BRIGHT TOMATO.

NEW TOMATO FOR 1897

## “Honor Bright”

A PECULIAR BRIGHT RED VARIETY, which first appeared in the form of a single “sport” plant in a large field of Livingston’s Stone Tomato in 1894, but strange as it may seem, it does not in any respect resemble that variety, and differs distinctly in several points from all other varieties.

THE COLOR OF THE FRUIT, WHEN FULLY RIPE, IS A RICH BRIGHT RED, but before reaching this stage it undergoes several interesting changes. First it is a **light green**, then an attractive **waxy white**, then **lemon**, changing to **red**. One of the most attractive and handsomest varieties grown, and well adapted for home use and market, and on account of its solidity and long-keeping qualities, it is especially recommended for shipping. It can be shipped in barrels, like apples, if picked in the early stage of ripening, and will keep from one to four weeks if stored in a cool place.

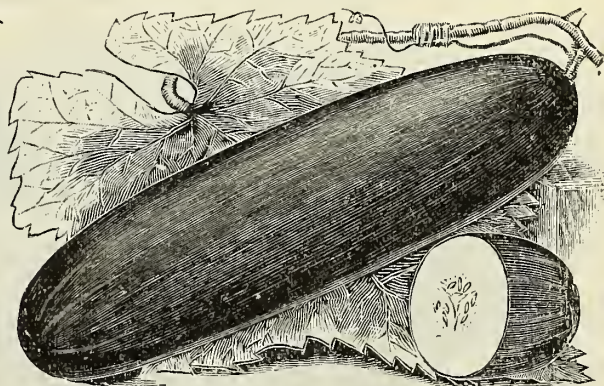
Packet of 50 Seeds, 15c; 2 Packets for 25c; 10 for \$1.00.

NEW CUCUMBER

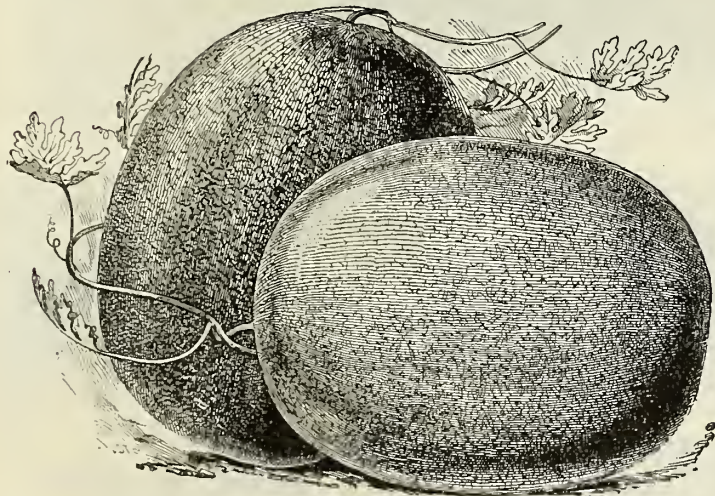
## “The Emerald”

THE EMERALD retains every good point in the best strains of White Spine, and in addition, possesses that rich dark green color which has so long been sought for but never before obtained. It is **strictly an evergreen**, retaining its color until fully ripe. On sight, its distinct dark green and spineless skin attracts the attention and admiration of every one interested. Its fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of most desirable qualities. The flesh being peculiarly crisp and tender, and the flavor delicate, highly recommend it as a slicer. The young fruit being dark green, straight and tender, makes an excellent pickle, and when ripe none excel it for making sweet pickles.

Packet, 15c; 2 for 25c; 10 for \$1.00.



THE EMERALD CUCUMBER.



SWEET HEART WATERMELON.

## Sweet Heart Watermelon

One of the best melons ever introduced.

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, very tender, melting and sweet. Fruit remains in condition for use longer than any other sort. **Good shipper, long keeper.** Offered for the first time in 1894, and is now one of the **most popular sorts in cultivation.** Carloads of Sweet Hearts were sold at fancy prices when no other sort was salable. The seed we offer is grown from headquarters stock.

NO ONE SHOULD BE WITHOUT IT.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

## New Astro Cucumber.

This comes to us from Des Moines Ia., and is described by its introducers as follows: A novelty of the highest merit and one which has greatly pleased our market garden customers,

some claiming that they made more money from a crop of these grown early in the hot beds than from any other crop, as they sell quickly at \$1.00 per dozen. They do excellently well under glass, yielding a continual daily picking of large, perfect shaped fruits eight to twelve inches long, almost solid throughout. Excellent for slicing, solid and crisp. With common outdoor culture in the summer it produces large cucumbers fifteen to eighteen inches in length with very few seeds. Seed will always be expensive, as it produces only eight to twelve pounds per acre. In packets only, containing twenty seeds each. Pkt. 10c, three for 25c.



NEW ASTRO CUCUMBER.

## Golden Heart Squash.

Introduced by us in 1893 and now the most popular "choice quality squash." It is of handsome appearance, just the right size to sell, and has proved a bonanza to the Chicago gardeners who cater to fancy trade.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

## Warty Hubbard Squash.

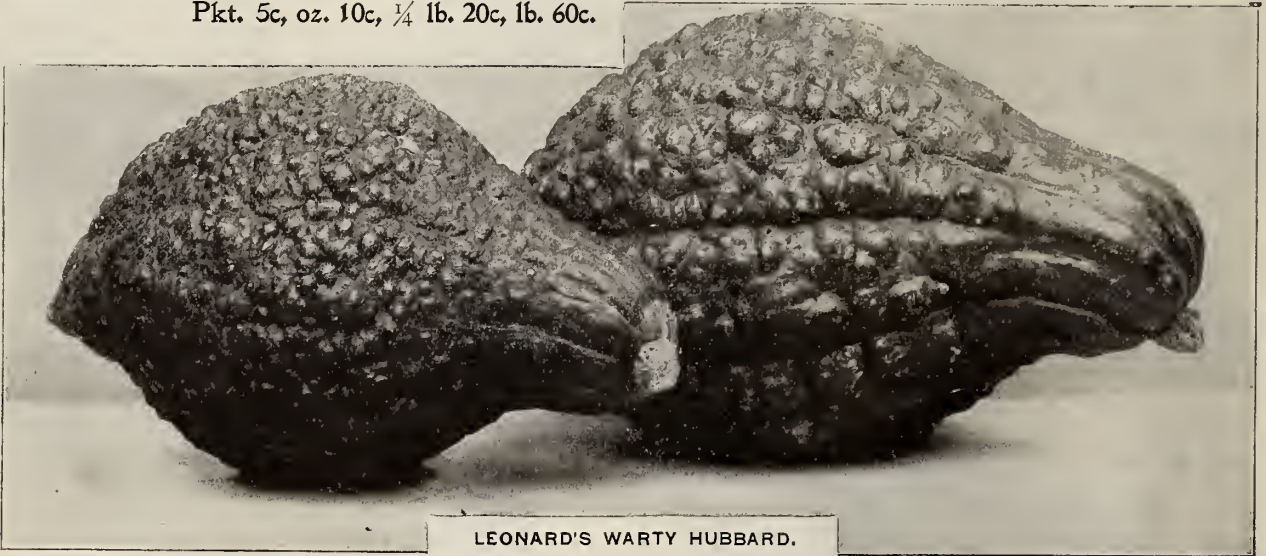
INTRODUCED BY S. F. LEONARD IN 1894.

This squash is now considered the best strain of Hubbard. It combines the fine points of the original strain with increased size, rougher, harder shell, improved quality, thicker flesh, finer color, stronger constitution. In short, it is unapproached as a winter squash, and will undoubtedly stand for many years as the best type of the famous Hubbard. The illustration below is a photograph of two specimens taken from the field where our stock was grown.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.



GOLDEN HEART.



LEONARD'S WARTY HUBBARD.

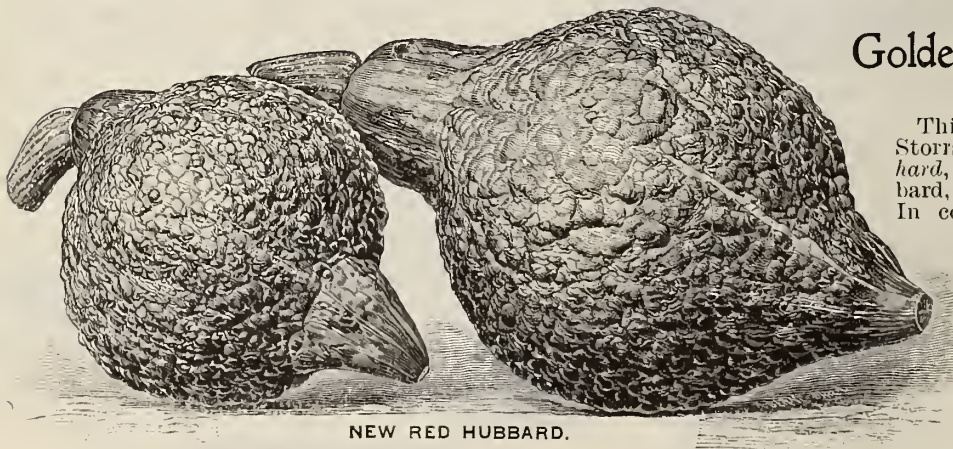
## Straightneck Squash.

This squash is an improvement on Giant Summer Crookneck. For shippers it is a superior strain owing to the *straight neck*; it packs well. It is the largest, finest and best early summer squash for either home or market use.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.



GIANT SUMMER STRAIGHTNECK.



NEW RED HUBBARD.

## Golden Hubbard Squash.

NEW LAST SEASON.

This fine squash comes to us from Storrs & Harrison Co. It has the *hard, rough shell* of the Green Hubbard, also the size, shape and quality. In color, however, it is unlike any other, being a fine, bright orange red, almost the shade of a scarlet horn carrot. A decided novelty and worthy of a place in all gardens.

PRICES:

Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 40c,  
lb. \$1.50.

# Kendel's Early Giant Sweet Corn.



While on a business trip through Ohio, last fall, my attention was called to this desirable new sweet corn by the introducer. From the reports he gave me, I am inclined to think it an acquisition. It is described as follows: "This new and distinct variety of Sweet Corn combines more merit than any other early variety in cultivation. The ears grow to a tremendous size, measuring 8 to 10 inches long and having ten to eighteen rows on each cob, the majority having twelve rows; kernels pure white, sweet, tender."

Dealers and truckers report ready sales and are enthusiastic over its large size and productiveness, as well as its white cob and good eating qualities. Where it was offered with Minnesota and Cory, none of the latter could be sold until the former was gone.

Pkt. 5c,  $\frac{1}{2}$  pt. 20c, pt. 30c, qt. 40c, post-paid.

Pk. \$1.25, bu. \$4.50.

## Winter Queen Pumpkin.

The finest pumpkin ever introduced. It is a beautiful yellow straw color, very finely and closely netted. It grows uniformly to a diameter of 9 or 10 inches.

As a keeper it stands without an equal in the pumpkin family.

Pkt., oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.



### TO MARKET GARDENERS.

There are no seeds that are better for the market gardener than **Leonard's**. We have market gardener customers in all parts of the country, and we would call the attention of every gardener or trucker to the seeds offered in this catalogue. On pages 50, 51 and 52 of this book will be found our **Bulk Price**

**List**, and if you want large quantities of Onion seed, Radish, Spinach, or anything else in seeds, use that list or we

will make you special prices upon application. **Write for information at any time.**

#### FOR MANY YEARS

Leonard's Seed Store has supplied seeds to the large majority of the **Chicago Market Gardeners**. Our trade with this critical class of buyers is increasing each year, and we do not know of a case of dissatisfaction. Our seeds have the best name; our sales to market gardeners are more than the combined similar sales of the other Chicago houses. This is a record to be proud of, and it guarantees to all who place orders with us that the best the market affords will be sent to them.



## New Japanese Climbing Cucumber.

Vines are extra strong, and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, fences, etc., saving valuable space in small gardens. It is very prolific, from 40 to 60 cucumbers having been counted on single plants; fruits cylindrical, about ten inches long, thick and of fine flavor.

Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.



### ATLANTIC PRIZE TOMATO.

This is the earliest smooth tomato. No garden will be complete without it. Every one wants to have tomatoes for slicing just as soon in the season as possible. In order to be up to your neighbor, get the Atlantic Prize.

It is a fine, bright-red tomato, having an upright, strong vine. It is very productive. Smoothness has been lacking in a very early tomato heretofore, but in this one we have the smoothness and solidity of the later varieties combined with earliness. It cannot fail to please every one who tries it.

Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

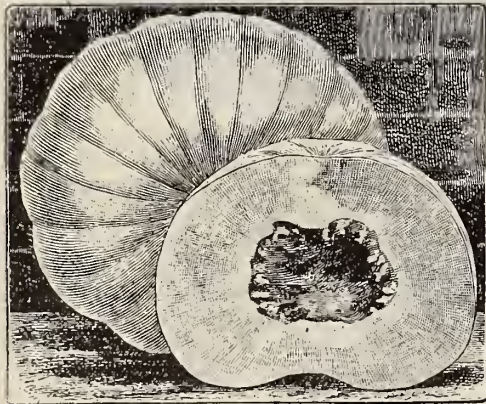


### NEW IMPERIAL TOMATO.

This has been called **The Perfect Tomato**. It originated with Mr. A. A. Halladay of Vermont. He found a plant among his Dwarf Champions which was distinct, and from this he bred up the Imperial.

In color the Imperial is between the Champion and Beauty. The fruit is large and solid, the vines are strong and vigorous, and it is the most abundant cropper ever introduced. It has more good qualities than were ever before embraced in a single variety. It is the best tomato yet introduced, and it will not fail to please the market gardener or private grower. You cannot afford to be without it.

Pkt. 10c, oz. 40c,  $\frac{1}{4}$  lb. \$1.00.



### NEW IMPERIAL TOMATO.

### GALHOUN PUMPKIN OR PIE SQUASH.

This is a very fine pumpkin of medium size. In shape it resembles the old Cheese Pumpkin, but is of glossier skin, of smaller size, and of much finer quality. The pie bakers of Chicago will pay more for this pumpkin than they will for any other. It often brings more money at the pie bakeries than the marrow squashes. Pumpkins are easily grown, and your garden might just as well have the best growing in it as a poorer variety. If you are near a canning factory, this variety, if known, would bring twice as much money for canning as the ordinary yellow variety.

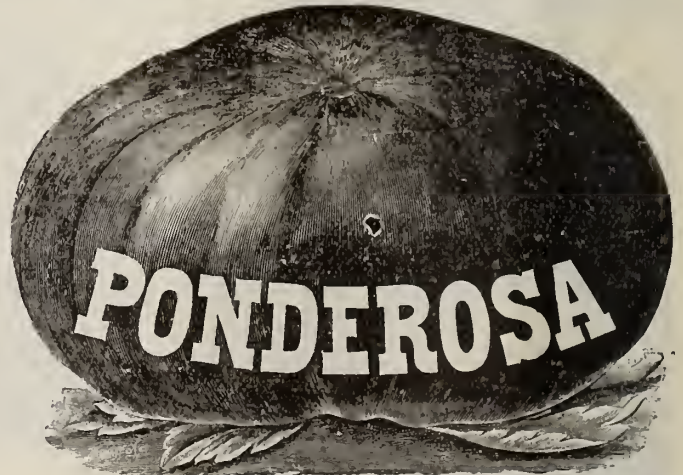
Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

### CALHOUN PUMPKIN.

### THE PONDEROSA TOMATO.

This is the largest and heaviest tomato. The specimens that competed for the prize when this tomato was first introduced, weighed on the average one pound and six ounces. The Ponderosa possesses every good quality to be found in a tomato. The vines are strong and vigorous, and easily carry their enormous weight. Its massive, ponderous fruits are of good form and free from corrugations. The color is a rich crimson. It is a good tomato for the canner or for home use. For slicing it is one of the best. All should give it a trial. It is no longer a novelty, but it is a specialty of merit.

Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 75c.





GOLDEN HALF DWARF.

## Leonard's Market Garden Celery

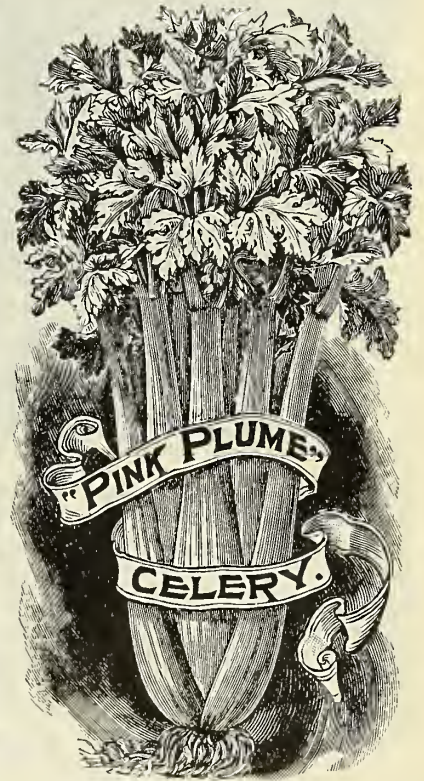
### GOLDEN HALF DWARF.

It is well known that the celery growing industry in the vicinity of Chicago is one of great importance, and that it is carried out on a very extensive scale. There have been many improvements made by the large growers upon some of the old standard varieties of celery, notably upon the Dwarf Golden Heart. By selection for a number of years one of the growers gave us an improved variety of that standard sort which was listed as Giant Golden Heart, and it has now become a standard sort. In

### LEONARD'S MARKET GARDEN CELERY

we have another of the many improvements which promises to be one of the best additions to the list ever offered. It is a cross between Giant Golden Heart and Perfection Heartwell; it combines the good points of both with the addition that it keeps better than either. It is more dwarf than Giant Golden Heart and taller than Perfection Heartwell. The Rogers Park and Calvary growers consider it the best celery they have ever grown.

Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



## New Celery, "PINK PLUME"

The introducers, Messrs. Henderson & Co., have the following to say about this new Celery, all of which we can endorse from our own tests:

"This new variety is an advance in celeries that merits more than ordinary praise; it is an intermediate between white and red celeries, combining the good qualities of both. **Pink Plume** is practically identical with our famous White Plume, but with the added merit of the stalks being exquisitely suffused with pink and possessing the crispness, rich nutty flavor and long-keeping qualities for which red celeries are noted. **PINK PLUME** is also remarkably attractive when trimmed for the table. The solid succulent stalks are ivory white suffused with dainty pink, which not only delight the eye, but tempt the palate of the epicure. **Pink Plume Celery** is a strong, healthy, compact grower, with no tendency to rust; stems very solid and crisp, extra early and a long keeper, remaining, when properly trenched, in perfect condition away into the spring. The variegation on the tops does not show quite as early as the White Plume, but the celery blanches and matures really a little earlier. It is a self-blanching variety in the same sense that White Plume and Golden Self-Blanching are--that is, it requires but a slight earthing up or banking to prepare this variety for the table.

We have introduced into cultivation many new vegetables which have become indispensable, but never an applicant to the gardening world with more confidence in its ability to win a permanent place than **Pink Plume Celery**." Pkt. 5c, oz. 30c,  $\frac{1}{4}$  lb. 75c, lb. \$3.00.



CUSHAW PIE SQUASH.

## CUSHAW PIE SQUASH

This is the genuine Cushaw, and is a great favorite wherever known for its many good qualities. It is very beautiful in appearance, being a distinct mottled green and white striped. Sells well on any market.

Pkt. 5c, oz. 10c, lb. 60c.

Leonard's  
Market  
Garden

# Parsnip

This strain is a continued selection of our Avondale stock of Guernsey parsnip, which for several years has given such good satisfaction to the Chicago gardeners. It has been selected with the view to produce a root of good length, uniform tapering shape and freedom from side shoots. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.



# WHITE GEM Watermelon



A variety of beautiful appearance and of excellent quality. One of the sweetest melons grown. Pkt. 5c, oz. 10c, lb. 60c.

# New Bean, Stringless Green Pod.

This new bush bean is one of the most desirable ever introduced and we highly recommend it. The introducer describes it as follows: "It is most happily named, as it is quite unique—the only stringless green-pod bush bean in cultivation. Consequently it surpasses all others in crisp, tender flavor. The illustration herewith, taken from nature, shows the width and thickness of the beautiful, straight, green pods; all are absolutely stringless and of the beautiful fleshy appearance shown. The pods are ready to market two weeks earlier than the best stock of Improved Extra Early Red Valentines, in fact, earlier than the Early Yellow Six Weeks, which, as all know, is valuable only for its extra earliness, being of inferior quality. Burpee's Stringless Green Pod is of immense value, not only to the market gardener who wants to make more money, but also to the amateur who seeks finest quality for the home table.

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Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 45c. post-paid.



# PARISIAN PICKLING CUCUMBER.

This is a French sort. The fruit is very long, covered with fine prickles. Very crisp and tender. Pkt. 5c, oz. 15c, ¼ lb. 50c.



# LIVINGSTON'S Pie Squash

This is really one of the very choicest of all the pie sorts. Very productive and a good keeper.

Pkt. 5c, oz. 10c.

# General List... Standard Sorts



XX

**WE** pay all Postage and Expressage on Seeds quoted by the package, ounce, one-fourth pound, and pound; also pints and quarts, and bulbs and plants, except when otherwise noted. But we positively do not pay charges on pecks or bushels.

XX

## Leonard's Seeds

OUR TRADE MARK



NOW KNOWN TO MEAN:

THE BEST THAT RIPE EXPERIENCE AND JUDICIOUS CARE CAN PRODUCE.

CHICAGO, U. S. A.

### ASPARAGUS.

**COLUMBIAN MAMMOTH WHITE**—A fine new variety, wonderfully productive and robust. The white color is of great advantage. This sort has been thoroughly tried and is considered the best by all growers. Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**PALMETTO**—A well-known sort of large size, very productive, robust in growth and excellent in quality. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

**CONOVER'S COLOSSAL**—The standard variety, well-known and popular. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 40c.

### ASPARAGUS ROOTS.

Time can be gained by planting the roots when preparing a bed of Asparagus. For the amateur we consider this plan the most economical and satisfactory. We can supply the two-year-old roots which are by far the best.

### PRICES OF ROOTS.

<b>COLUMBIAN MAMMOTH WHITE</b> —two-year	Per 100, \$1.00; per 1000, \$5.00
<b>PALMETTO</b> —two-year.....	Per 100, .50; per 1000, 3.50
<b>CONOVER'S COLOSSAL</b> —two-year.....	Per 100, .50; per 1000, 3.50

PURCHASER TO PAY FREIGHT OR EXPRESS.

### ARTICHOKE.

**GREEN GLOBE**—Much esteemed for its delicately flavored flower heads, which are prepared for eating like Brussels Sprouts or Kale. Pkt. 5c, oz. 25c.

**JERUSALEM**—(See cut). This is the well-known Tuberous variety. They are prepared for eating in the same manner as potatoes, and by some are considered extra fine.

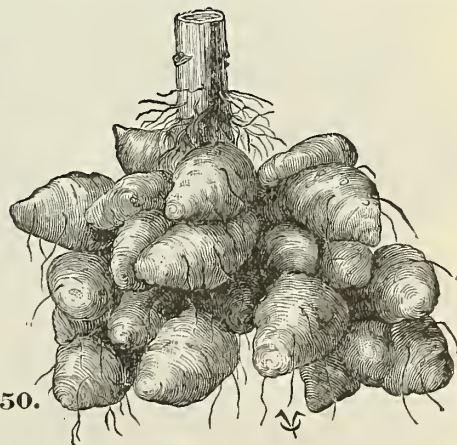
#### THEIR PRINCIPAL VALUE

however, is for the feeding of Swine, for which purpose nothing is better.

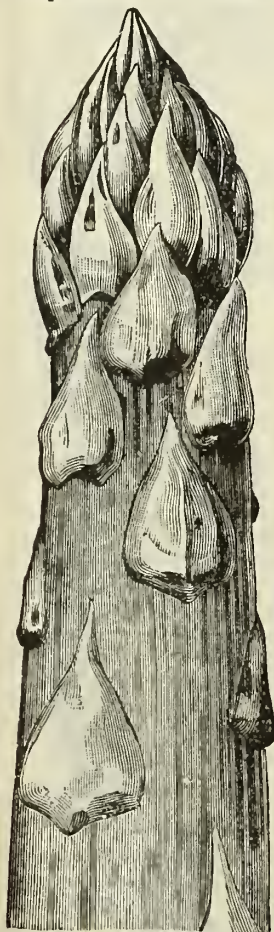
THEY ARE VERY PRODUCTIVE  
AND  
EASILY GROWN.

Price, Peck, 50c; Bushel, 1.00. Bbl. \$2.50.

PURCHASER TO PAY  
FREIGHT OR EXPRESS.



Artichoke Jerusalem.



Columbian Mammoth.

# BUSH BEANS.

## GREEN-POD VARIETIES.



**Yellow Six Weeks.**  
(Round Pod.)

**EXTRA-EARLY REFUGEE**—An exceedingly productive bean of fine flavor. As a snap bean it is unexcelled, a great improvement on the old Refugee.

**IMPROVED RED VALENTINE**—An extra-early round-podded variety, of thick flesh, and fine flavor. One of the earliest and best.

**EARLY MOHAWK**—The hardiest of all the bush beans. Pods long, flat, quality good. Valuable either green or shelled.

**YELLOW SIX WEEKS**—A hardy, productive sort, pods similar to Mohawk, but longer. Makes a good snap bean.

**REFUGEE, OR 1,000 TO 1**—The standard late pickling variety; matures two weeks later than the extra-early kinds. Very valuable for pickling.

**DWARF HORTICULTURAL**—The best shell bean for fine quality, much esteemed by all who know it; worthy of a trial.

**YELLOW SIX WEEKS (Improved Round Pod)**—Similar to the Long Yellow Six Weeks in habit of growth and season of maturity; but the seed and the pod are round, and in quality it is superior.



**Challenge Black Wax.**

**CHALLENGE BLACK WAX**—A very prolific strain of wax beans, fine round pods, flavor excellent, earlier than the ordinary Black Wax, and not so apt to rust.



**Wardwell's Kidney Wax.**



**NEW EXTRA EARLY REFUGEE BEAN.**  
**10 DAYS EARLIER THAN THE "OLD" REFUGEE.**

- LARGE WHITE MARROW**—Large shell bean.....
- IMPROVED WHITE KIDNEY**—Used as a shell bean.....
- PROLIFIC TREE**—Very productive shell bean.....
- NAVY**—The standard variety for shell beans.....
- BOSTON SMALL PEA BEAN**—Excellent shell bean.....

<b>PRICES.</b>	
Any Green-Pod Variety	
PACKET	5 CENTS
1-2 PINT	10 CENTS
PINT 20C	QUART 35C

For Peck and Bushel Prices See Page 50.

## WAX-POD VARIETIES.

**CURRIES' RUST-PROOF WAX**—Seed black; a fine sort. Rust proof, tender, thick-fleshed pods, early and very productive.

**LEONARD'S GOLDEN-EYE WAX**—This is the hardiest and handsomest of all the wax beans. Rust proof; the best variety for the market garden, for shipping it is unexcelled.

**GOLDEN WAX**—The old standard wax sort. It is productive, early, prolific, and on the whole is yet among the best for family use.

**IMPROVED GOLDEN WAX**—Rust proof. An improvement on the old Golden Wax. The pod is somewhat round, meaty, and entirely rust proof.

### WARDWELL'S KIDNEY WAX —

The most popular of all the wax beans. Hardy and productive. Thick, flat pods, which are of fine flavor. A good shipper.

### YOSEMITE WAX

—The largest of all the bush wax varieties, pods thick, and of excellent flavor.

### WHITE WAX—

The well-known white-seeded variety, one of the best in flavor. Pods round.



**Yosemite Wax.**

<b>PRICES.</b>	
Any Wax-Pod Sort	
PACKET	5 CENTS
1-2 PINT	15 CENTS
PINT	25 CENTS
QUART	40 CENTS



# BEANS.

## NEW OR ESPECIALLY GOOD VARIETIES.

**DAVIS KIDNEY WAX.**—A new variety introduced last season. It is adapted alike for the canner, market gardener, shipper or amateur. The dry bean is large, kidney shaped and white in color, making it one of the best for cooking in the dry state. The pods are long, mealy, stringless, and of a beautiful yellow color. It stands shipping better than any other, and is one of the best of the wax podded varieties. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 35c.

**PROLIFIC BLACK WAX.**—The old standard Black Wax bush bean. It is so good that it is worthy of special notice. The pods are round, brittle, of handsome golden yellow color and of buttery flavor when cooked. Do not forget the old meritorious kind when looking over the list, and include this in your orders. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 35c.

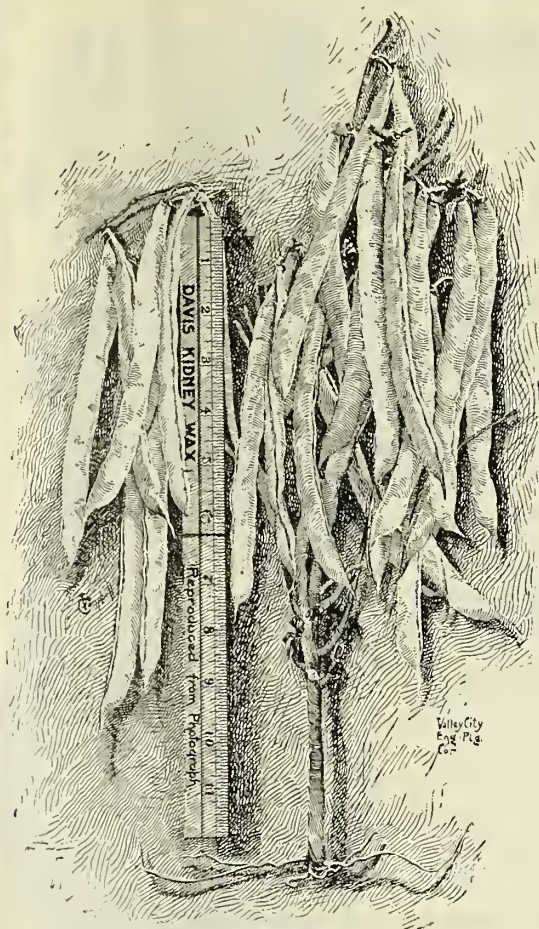
**DETROIT WAX.**—A distinct variety of recent introduction, which is worthy of a place in every garden. The waxy yellow pods are produced in great abundance and the quality is extra fine. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 35c.

**FLAGEOLET WAX.**—A large bush wax variety; seed large, purplish red; excellent as a snap bean, and in great favor as a dry shell bean. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 35c.

**VALENTINE WAX.**—This is a new bean of great merit. It is without exception the earliest wax bean in cultivation. The pods are very meaty and with so very little string that they may justly be called stringless. It is remarkably free from rust, and is the best in quality for snap beans of any wax bean in use. The introducers of this bean claim that beans planted on June 18th produced pods four inches long by July 25th, and on August 1st half a crop could be picked. Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 30c, qt. 45c.

**BEST OF ALL.**—This is a green-podded variety, very popular at the south to ship to northern markets. The pods are long, tender and of splendid quality. Early, productive, and worthy of a trial by all. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 35c.

**KEENEY'S RUSTLESS GOLDEN WAX.**—Combines hardness and productiveness with fine quality. A strong growing bush variety of remarkable vigor and freedom from rust. The pods are meaty and well filled, thick flat when young and semi-round later; a very desirable variety. Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 25c, qt. 40c.



Davis Kidney Wax Beans.

## SOME EXCELLENT POLE BEANS.

**HORTICULTURAL LIMA.**

**GIANT RED WAX.**

Uniform Price: Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 25c, qt. 45c.

**GOLDEN CHAMPION.**

**CHALLENGE LIMA.**

### DWARF LIMA VARIETIES.

**BURPEE'S**—The only bush form of the true, luscious, large Lima. It is pronounced by all good judges as unquestionably the *Real Bush Lima*. The bushes grow eighteen to twenty inches high, of stout growth and always erect. It is an immense yielder, the pods being filled with very large beans. Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 35c, qt. 40c.

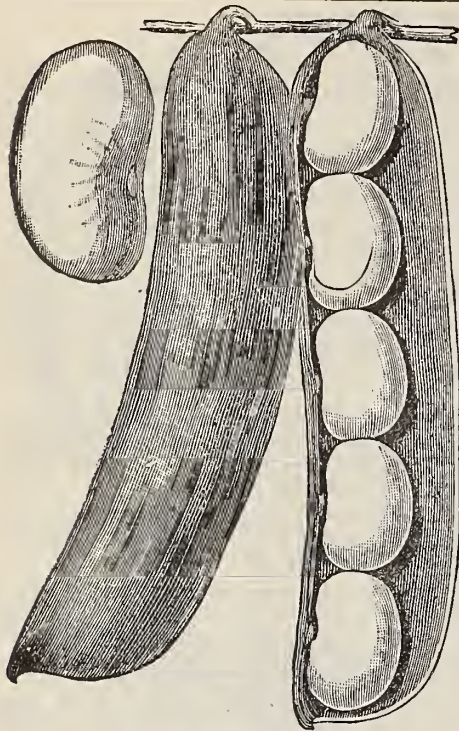
**DREER'S**—The true bush form of the chubby Dreer's or Potato Lima. The pods are heavy and thick. It is quite productive and of excellent quality. Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 30c, qt. 40c.

**HENDERSON'S**—This is a bush form of the small Seiva pole bean. It is the original bush form of the pole beans. It is the most productive of any, and on the whole is a vegetable of great merit. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 35c.

**JACKSON WONDER.**—This is a bush form of the speckled Seiva. It is similar to the Henderson Bush Lima in habit of growth. The beans are larger and the shells open easier. Pkt. 5c,  $\frac{1}{2}$  pt. 15c, pt. 30c, qt. 50c.



Burpee's Bush Lima.



Early Jersey Lima.

# Pole Beans

**EARLY JERSEY LIMA**—Ten days earlier than any other Lima. We recommend this variety to all who desire a profitable Lima Bean.

**LARGE WHITE LIMA**—The old standard variety, productive and of good flavor.

**KING OF THE GARDEN LIMA**—A very large sort, considered the most productive of any of the Limas.

**DREER'S IMPROVED LIMA**—Also called the Potato Lima. The Beans are distinct in appearance, thick, round and of excellent flavor.

**FORD'S MAMMOTH LIMA**—A variety that is much esteemed wherever it has been tried.

**SMALL LIMA OR SIEVA**—This is the standard Small Lima. It is very productive and of good flavor.

**HORTICULTURAL CRANBERRY**—A fine shell Bean, worthy of a place in every garden. Excellent for baked Beans.

**SOUTHERN PROLIFIC**—Much esteemed in the South, where it is planted largely.

**DUTCH CASE KNIFE**—Very early and prolific. Fine shelled either green or dry.

**SCARLET RUNNER**—The most productive of all Pole Beans. Is used chiefly for its blossoms.

**INDIAN CHIEF**—The Black Wax Pole-Bean. An excellent variety either green or shelled.

**NOTE THESE PRICES. POSTPAID.**  
Any of above varieties.

Pkt. 5c, ½ Pint 15c, Pint 25c, Quart 40c.



The following may be called  
**THE "GILT-EDGED" VARIETIES.**

They are usually very scarce and always in demand.

**LAZY WIFE**—Immensely popular everywhere. It is exceedingly productive and easily gathered. Probably this is why it comes by its very discourteous name. It is an excellent Bean.

**WHITE CREASEBACK**—This well-known sort is one of the best green-podded Pole-Beans. The pods are very long and of superb quality.

**EARLY GOLDEN-CLUSTER WAX**—The finest, earliest and best of all the Wax Pole-Beans. It is very early, being only a week later than the Golden Wax.

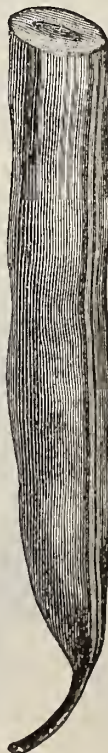
**KENTUCKY WONDER (Old Homestead)**—Ours is the true round stock. It will set pods during the hottest weather. Very prolific and of fine flavor.

**RED-SPECKLED CUT-SHORT (Corn-Hill)**—This is the best sort to plant in hills of corn. It is praised beyond measure by all who have tried it.

**PREPAID PRICES.**

Pkt. 5c, ½ Pint 15c, Pint 25c, Quart 40c.

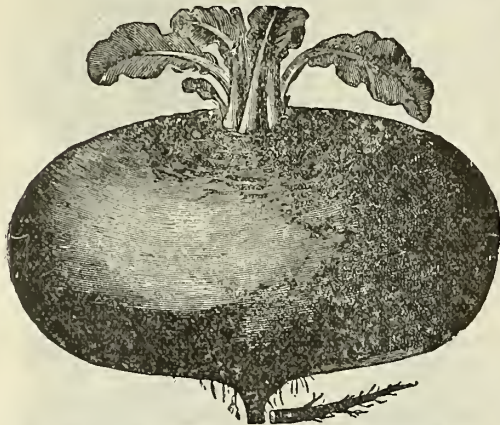
For Any "Gilt-Edged" Sort.



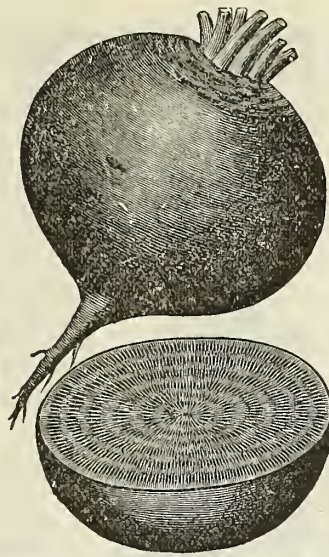
Old Homestead or Kentucky Wonder.

# BEETS.

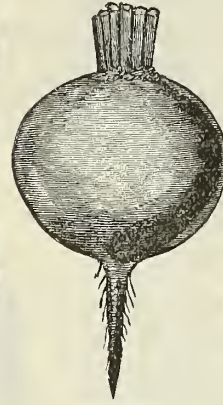
TABLE KINDS.



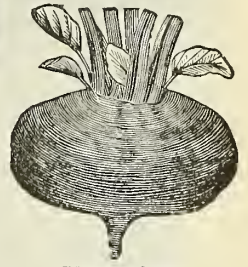
Leonard's Extra-Early Egyptian.



Edmand's Blood Turnip.



Eclipse.



Egyptian.

Please note that our prices are for seeds postpaid by mail.

☞ If ordered by express or freight at purchaser's expense, 10 cents per pound may be deducted.

**LEONARD'S EXTRA-EARLY EGYPTIAN**—The earliest and finest beet. The most popular early sort with market gardeners. Of fine shape, splendid color and choice quality. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**EARLY EGYPTIAN**—The well-known early variety. Color extra dark, shape flat, quality excellent. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**EARLY ECLIPSE**—A choice early variety, well known and popular. Shape globular, quality good, color light. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**BASTIANS**—An extra-early variety, much esteemed by market men East and South. Color light. Pkt. 5c, oz. 10c, lb. 50c.

**EDMAND'S EARLY BLOOD TURNIP**—The best sort for general crop. In quality one of the finest, exceedingly dark, shape globular, having only one tap root. Very popular with market men. Pkt. 5c, oz. 10c, lb. 50c.

**LONG SMOOTH BLOOD**—The standard long late sort. Very dark blood-red flesh, quality fine. Pkt. 5c, oz. 10c, lb. 50c.

**EARLY BASSANO**—A good early variety, similar to Egyptian in shape, but of lighter color. Pkt. 5c, oz. 10c, lb. 50c.

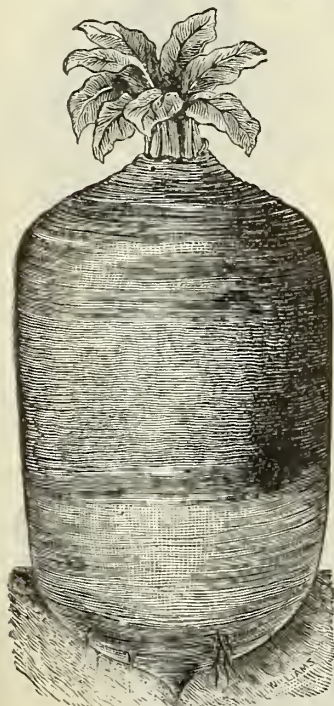
**DEWING'S EARLY BLOOD TURNIP**—A good variety for main crop. Keeps well. Like Edmand's, but lighter color. Pkt. 5c, oz. 10c, lb. 50c.

**SWISS CHARD OR SILVER**—Used for its leaves. Pkt. 5c, oz. 15c, lb. 50c.

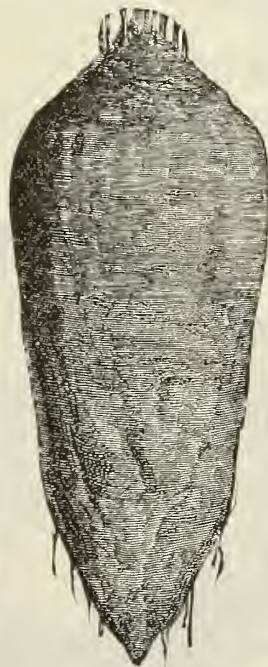
## SUGAR BEETS AND MANGEL WURZELS.

**LEONARD'S IMPROVED MAMMOTH LONG RED**—The largest and most productive variety. Immense crops can be grown from it. Oz. 5c, ¼ lb. 10c, lb. 30c.

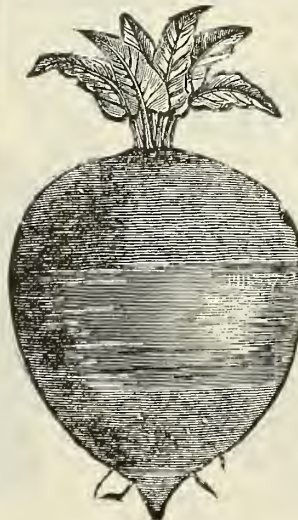
**NORBITON GIANT LONG RED**—Very large, excellent variety for feeding stock. A heavy cropper in deep soil. Oz. 5c, ¼ lb. 10c, lb. 30c.



Golden Tankard.



Leonard's Mammoth.



Yellow Globe.

**YELLOW GLOBE**—Globular-shaped roots. More productive than Long Red in shallow soil. Very nutritious and a good keeper. Oz. 5c, ¼ lb. 10c, lb. 30c.

**GOLDEN TANKARD**—Shape cylindrical, color deep rich yellow, flesh yellow circled with white. Unequaled for feeding stock. Oz. 5c, ¼ lb. 10c, lb. 30c.

**VILMORIN'S WHITE SUGAR**—The best variety for making sugar. Very nutritious for stock feeding. A good cropper in any rich soil. Oz. 5c, ¼ lb. 15c, lb. 40c.

**IMPERIAL WHITE SUGAR**—Good for making sugar. Good for stock feeding. A hardy and productive sort. Oz. 5c, ¼ lb. 10c, lb. 30c.

### BROCCOLI.

**IMPROVED PURPLE CAPE**—The best variety for this climate. Broccoli is very similar to cauliflower, and, in some sections of our country, being hardier, it is planted in place of cauliflower.


Pkt. 10c, oz. 30c.

### BRUSSELS SPROUTS.

**DWARF IMPROVED**—The best variety. Brussels Sprouts is one of the most delicious of vegetables. It is little known in this country, but if tried it would soon become popular.

Pkt. 5c, oz. 15c.

# CARROTS

 In comparing our prices, please remember that we send

the Seeds postpaid by mail. If ordered by express or freight at purchasers' expense, 10c per pound may be deducted.

**EARLY FRENCH FORCING**—The earliest variety. Valuable for forcing. Root is small and round. Quality is excellent. This sort is highly prized in France.

Pkt. 5c, oz. 10c, lb. 90c.



French Forcing

**NANTES' HALF-LONG**—A good variety for early use to bunch for market. One of the best for the home garden.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 80c.



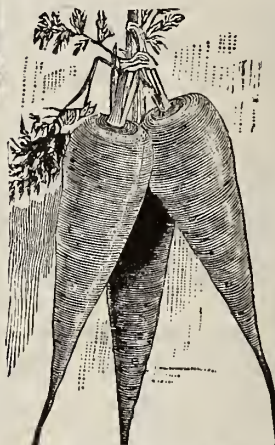
Nantes' Half-Long.

**CHANTENAY**—The finest in color, the best in form, and the most productive of all the stump-rooted varieties.

**For either market or home use, It is the best.** Of fine flavor, either in soups, stews, or boiled.

For ordinary feeding purposes it meets all requirements, as it keeps well, crops well, and can be used more economically than any other.

Pkt. 5c, oz. 10c, lb. 70c. Chantenay



Long Orange

**DANVERS**—The standard variety for field culture in the vicinity of Chicago. Used extensively by market gardeners to sell in bags for winter use. Color, orange; quality, good.

Pkt. 5c, oz. 10c, ¼ lb. 25c, lb. 75c.

**LONG ORANGE**—In the East this is the standard field variety. Is a heavy cropper of fine quality.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**EARLY SHORT-HORN**—A fine early variety, good for home use. Eastern market gardeners use this sort for bunching.

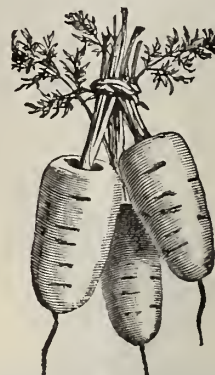
Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

**ST. VALERY**—A good late variety. It grows long, shape uniform, tapering from a wide shoulder to a point.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

**YELLOW BELGIAN**—A good field variety, similar to White Belgian in shape and size, but of orange color.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.



Early Short-Horn



Ox Heart.

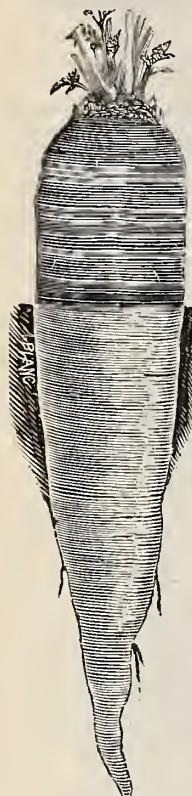
**GUERANDE OR OX HEART**—A very heavy cropper, color fine. Owing to its short, thick root it is easily harvested.

Pkt. 5c, oz. 10c, lb. 75c.

**WHITE BELGIAN**—

The well-known stock-feeding variety. A heavy cropper. Quality good.

Pkt. 5c, oz. 10c, lb. 50c.



White Belgian



Danvers

# CAULIFLOWER.

**LEONARD'S EARLIEST ERFURT**—This strain has given better satisfaction to our home market gardeners than any other. It is

**THE EARLIEST AND BEST STRAIN.**

More money is made from planting this kind than any other kind. It is a sure header. *Try it.*

Pkt. 25c, oz. \$2.50.

**HENDERSON EARLY SNOWBALL**—In sealed packets. Direct from Henderson. This variety is well known and popular.

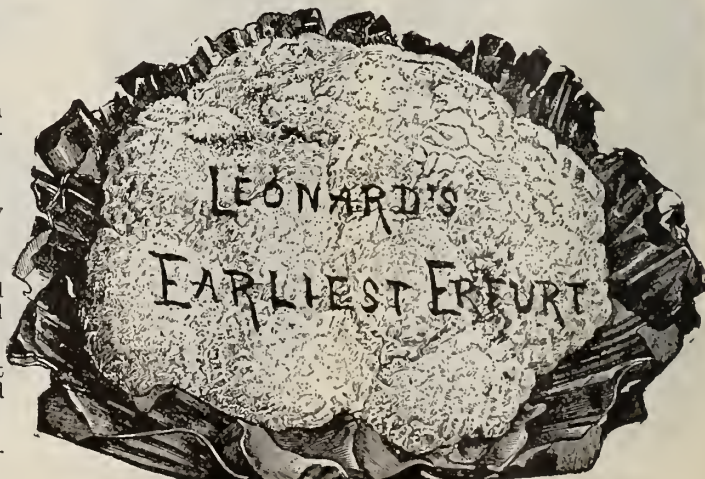
Pkt. 25c, oz. \$3.50

**EXTRA-EARLY PARIS**—A good early sort. Not so sure a header as the higher-priced sorts, but in a good season often does well.

Pkt. 15c, oz. 75c.

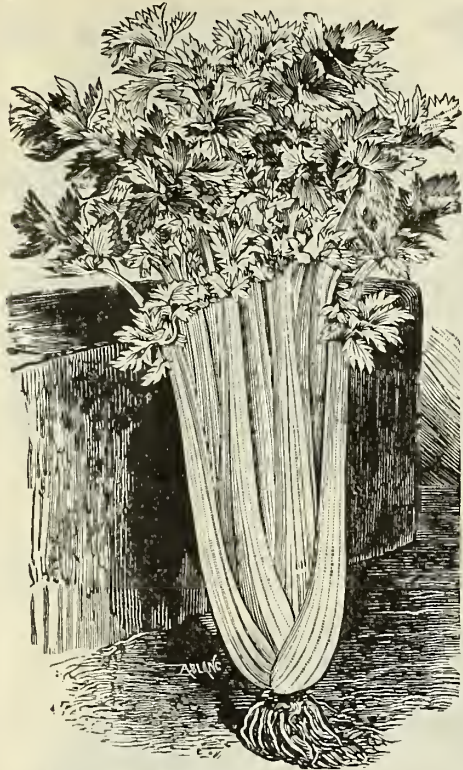
**AUTUMN GIANT**—A good late sort, and under favorable conditions does well.

Pkt. 5c, oz. 75c.



# CELERY

PLEASE NOTE that our prices are for the seeds postpaid by mail. If wanted by express or freight, at purchasers' expense, 10 cents per pound may be deducted from prices quoted.



**GOLDEN SELF-BLANCHING**—The best Self-Blanching sort. A most important acquisition. Its close, compact habit of growth makes it desirable for the market garden. Its handsome golden color, which it acquires without being hilled up, makes one of the most desirable early kinds.

Pkt. 5c, oz. 25c, lb. \$2.50.

**GIANT PASCAL**—A fine large ribbed solid variety of exceedingly nutty flavor. It is one of the best keeping of all the later sorts.

**UNEXCELLED FOR MARKET GARDENERS.**

It is one of the best for main crop, and for home use it can be more easily grown than any of the other varieties.

Pkt. 5c, oz. 20c, lb. \$1.75.



Giant Pascal.

New Golden Self-Blanching Celery.

**PERFECTION HEARTWELL**—A hardy and excellent variety. A good keeper of the finest flavor.

Pkt. 5c, oz. 20c, lb. \$1.75.

**CRAWFORD'S HALF DWARF**—This variety is the most popular one in the New York markets. Fine flavor.

Pkt. 5c, oz. 20c, lb. \$1.50.

**DWARF WHITE SOLID**—A fine large solid sort, excellent keeper, and of good quality.

Pkt. 5c, oz. 20c, lb. \$1.75.



Kalamazoo.

**KALAMAZOO**—This is the variety that is used by the noted growers of Kalamazoo, Mich. A fine white variety of great merit.

Pkt. 5c, oz. 20c, lb. \$1.50.

**NEW ROSE**—The best of the red varieties. All the red sorts are of superior flavor.

**TRY IT.**

Pkt. 5c, oz. 25c.



Golden Heart.

**GIANT GOLDEN HEART**—This variety is the most popular in the vicinity of Chicago.

**VERY LARGE SIZE.**

A good keeper of finest flavor.

**TRY IT.**

Pkt. 5c, oz. 20c, lb. \$1.75.

**WHITE PLUME**—The earliest sort; very good for fall use; does not keep well after Christmas; self-blanching.

Pkt. 5c, oz. 25c, lb. \$2.00.

**BOSTON MARKET**—This Celery is a great favorite in the Boston markets.

Pkt. 5c, oz. 20c, lb. \$1.50.

**FLAVORING CELERY**—Used for flavoring soups, stews, etc.

Oz. 5c, lb. 40c.

# CELERIAC.

**LARGE SMOOTH PRAGUE**—The finest Celeriac; large smooth root. The rooted Celeries are much esteemed by those who know them.

Pkt. 5c, oz. 20c.

**APPLE-SHAPED**—Of good form. Not so smooth as above. Pkt. 5c, oz. 15c.

**TURNIP-ROOTED**—The ordinary and well-known variety. Pkt. 5c, oz. 15c.



Large Smooth Prague.

# CABBAGE.



THE PRICES QUOTED ARE  
BY MAIL POSTPAID.



**Early Winingstadt.**

as Wakefield, but, for the Home Garden it is the most popular of all early varieties. Pkt. 5c, oz. 15c, lb. \$1.50.

**NEW EXPRESS**—A very early sort, of good quality. For early market purposes we recommend it highly. It is about one week earlier than the Jersey Wakefield. Pkt. 5c, oz. 15c, lb. \$1.50.

**EARLY JERSEY WAKEFIELD**—This is the standard early pointed-head cabbage. For the market gardener it is the best, and for home use, for early all should have it. Pkt. 5c, oz. 25c, lb. \$2.50.

**EXTRA EARLY EXPRESS**



**EARLY WINNINGSTADT**—

A very fine extra-early cabbage. It is larger than the Wakefield, not quite as early, for this reason it is not used by market gardeners as much

**EARLY YORK**—A standard early-pointed head variety. Quality good, very popular in some Southern localities. Pkt. 5c, oz. 15c, lb. \$1.25.

**HENDERSON'S EARLY SUMMER**—The standard summer variety. Unexcelled for the market garden and good for home use. Pkt. 5c, oz. 20c, lb. \$1.75.

**HENDERSON'S SUCCESSION**—A good variety for summer use. Also used largely to succeed itself. Not so good for fall use as the Faultless, however. Pkt. 5c, oz. 20c, lb. \$1.75.

**FOTTLER'S EARLY BRUNSWICK**—A fine early fall variety. It is a well-known and very popular sort. Pkt. 5c, oz. 20c, lb. \$1.75.

**ALL SEASONS**—An excellent variety for any season. It can be used as a summer or fall variety. With the exception of Leonard's Faultless it is the best of any for this purpose. Head of fine shape, quality excellent. Pkt. 5c, oz. 20c, lb. \$2.00.



All Seasons.

**BRIDGEPORT DRUMHEAD**—This is the standard winter variety at Chicago. It makes a large solid head. **FOR SHIPPING IT IS THE BEST OF ALL VARIETIES, FOR THE FOLLOWING REASON:** The mammoth size permits it to be culled of bruised leaves many times and still remains large enough and solid enough to look well and sell well. Pkt. 10c, oz. 25c, ¼ lb. 75c, lb. \$2.00.

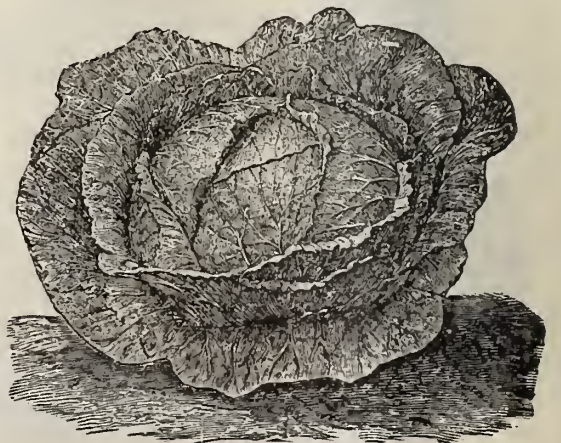


Bridgeport Drumhead.

**LEONARD'S LUXEMBURG**—

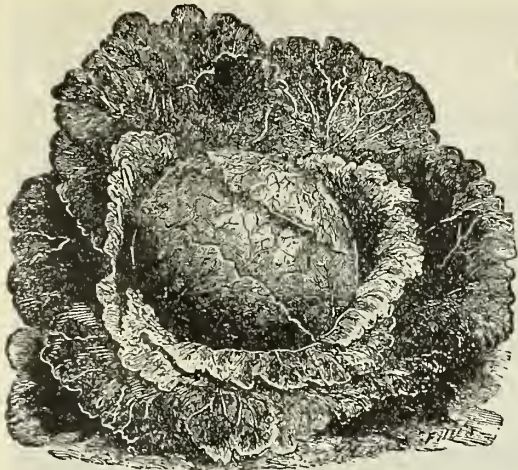
This strain is now well known. It retains its fine green color until late in spring and is often sold for new cabbage after it has been covered up all winter. A **HARD HEADING**, fine looking, extra keeping variety, best **WINTER**

**SORT** for home use and for the market. Pkt. 5c, oz. 50c, lb. \$4.00.



Leonard's Luxemburg.

# CABBAGE.



All-Head-Early.

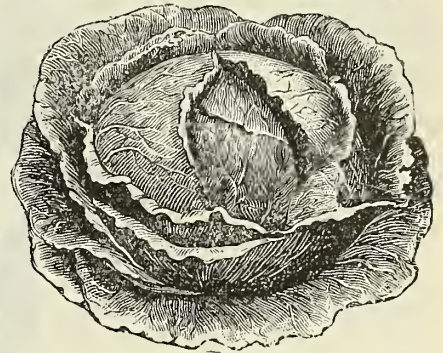
**LOUISVILLE DRUM-HEAD**—A very fine short-stemmed drum-head, much esteemed at the South. In the vicinity of Louisville is used more than any other kind for general crop. Foliage bright green. Pkt. 5c, oz. 20c, lb. \$2.00.

**ALL-HEAD-EARLY**—This is one of the finest early flat-head sorts. It is

**ALWAYS SURE TO HEAD.**

It has few outer leaves, being, as its name implies, all head.

Pkt. 5c, oz. 15c, lb. \$2.00.



Louisville Drum-Head.

**FOTTLER'S BRUNSWICK IMPROVED BLUE STRAIN**—For many years this strain of cabbage has been used by the Chicago market gardeners for fall shipping. It does not burst or rot, has a very short stem, can be planted close. Is one of the best cabbages for sauer kraut. Head firm, size large, excellent in all respects. Pkt. 5c, oz. 20c, lb. \$3.00.

**SURE HEAD**—A fine variety for main crop. A sure header. Good for shipping and for home markets.

Pkt. 5c, oz. 15c, lb. \$2.00.

**PREMIUM FLAT DUTCH**—The old standard variety for main crop. It has long stood the test, and is yet one of the very best.

Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.25.

**STONE MASON DRUM-HEAD**—A very large heading variety. It is quite late. Not as fine grained as many others.

Pkt. 5c, oz. 15c, lb. \$1.50.

**MARBLEHEAD MAMMOTH**—Another very large variety of fairly good quality.

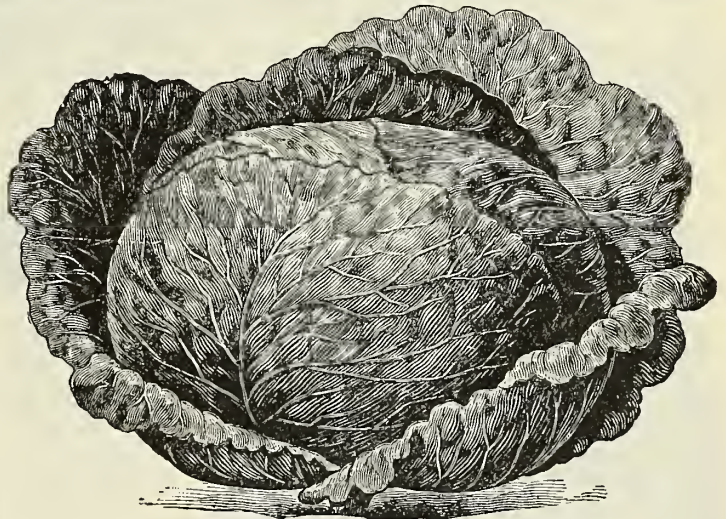
Pkt. 5c, oz. 15c, lb. \$1.50.

**MAMMOTH ROCK RED**—The largest heading of any red sort. Heads are hard, of deep-red color, quality excellent.

Pkt. 5c, oz. 25c, lb. \$2.50.

**RED DRUM-HEAD**—The standard pickling variety. A good keeper.

Pkt. 5c, oz. 20c, lb. \$1.75.



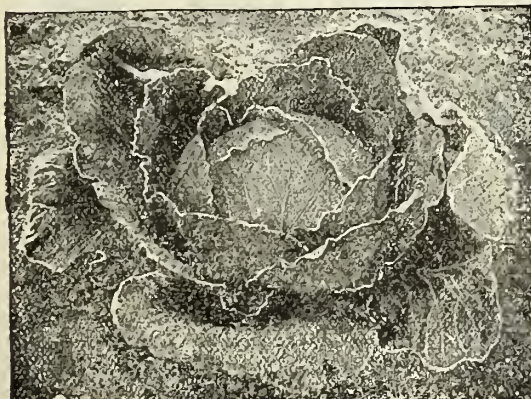
Leonard's Faultless.

**LEONARD'S FAULTLESS**—This cabbage is the best all-around variety in existence. It is unequalled for kraut. Unexcelled as a market variety.

**IT IS EARLY IN SEASON, LARGE IN SIZE, AND SUPERIOR IN QUALITY.**

For the past four years we have sold this cabbage to the Chicago gardeners as the best summer and fall variety, with the most favorable results.

Pkt. 5c, oz. 25c, lb. \$3.50.



The Holland.

**THE HOLLAND**—This is the favorite winter sort with market gardeners.

**THE HEAVIEST CABBAGE OF ALL.**

It is as hard as a rock, and a small-sized head will weigh more than a large-sized head of other sorts. *Try it.*

Pkt. 10c, oz. 50c, lb. \$4.00.

**AMERICAN SAVOY**—The Savoys are the finest flavored of all the cabbage family. They should be grown in every garden. Pkt. 5c, oz. 15c, lb. \$1.50.



American Savoy.

# CUCUMBER.

**EVERGREEN WHITE SPINE**—The most popular of all the white spined varieties. Of beautiful shape and color. It remains in the green state longer than any other variety. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**EX. LONG WHITE SPINE**—A variety similar to the Evergreen, but not so uniform in shape. It is an excellent variety for slicing, or for sweet pickles. Pkt. 5c, oz. 10c.

**ARLINGTON WHITE SPINE**—In the vicinity of Boston this is the favorite sort for slicing. Pkt. 5, oz. 10c, lb. 60c.

**EARLY WHITE SPINE**—The standard table sort, is of fine crisp flavor. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**THORBURN EVERBEARING**—A good pickling sort, very prolific and a continuous bearer. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.

**EARLY FRAME OR SHORT GREEN**—One of the standard pickling kinds, shape uniform, short and somewhat thick. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.

**CHICAGO PICKLING**—The variety used almost exclusively by the Chicago pickle factories. The best for Market, also for house use. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



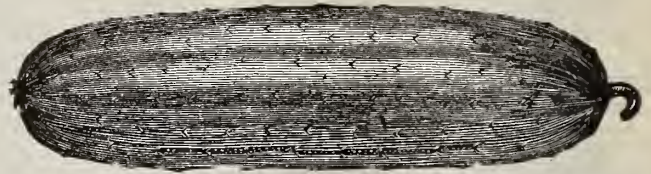
**GREEN PROLIFIC OR BOSTON PICKLING**—One of the most prolific of the pickling sorts. We recommend it highly for the home garden. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.

**EARLY RUSSIAN**—The earliest of all varieties, makes a fine pickle, can be used for slicing in the early summer. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60.

**EARLY CLUSTER**—A good pickling variety. It grows in clusters, fruit very uniform and choice. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.



Chicago Pickling.



**IMPROVED LONG GREEN**—The standard all-around variety. It makes an excellent fruit for slicing, quality crisp and delicious. The smaller fruits are used for pickling, and the larger ones can be allowed to ripen for preserving. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

### NICHOL'S MEDIUM GREEN.

This is a fine medium long green sort, of good flavor. It is very productive, can be used for slicing, for pickling or for preserving. It is a good variety for the large-sized commercial pickles. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.

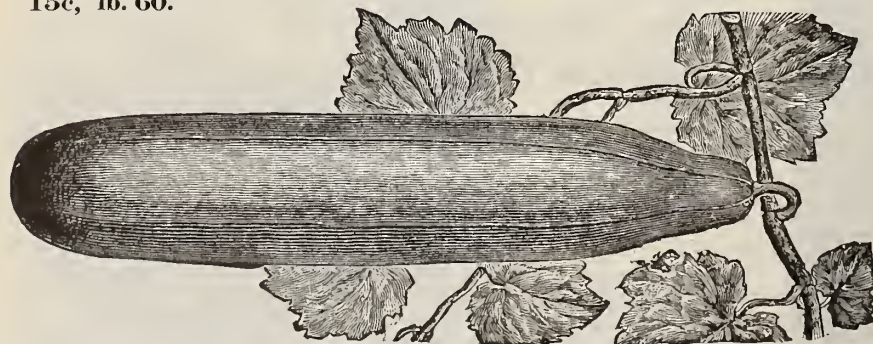


**JERSEY PICKLING**—In the vicinity of New York this sort is used largely for pickling. It is a prolific, uniform-growing variety and is highly recommended. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60.

**FOUR GOOD NEW SORTS.**

Cool and Crisp.  
White Pearl.  
Parisian Pickling.  
New Giant White.

**ONE PACKET OF EITHER 5c.  
ONE PKT. EACH OF THE  
4 KINDS 15c.**



Giant Pera.

**GIANT PERA**—An exceedingly large-growing sort, of excellent quality for slicing. Shape long, thick and smooth, having no spines. Pkt. 5c, oz. 15c.

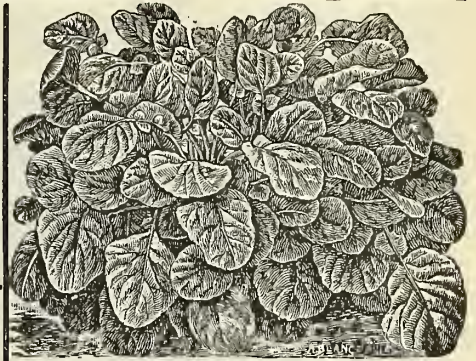
**SNAKE OR SERPENT**—Valuable as a curiosity. Good for display at fairs. For eating, the quality is not up to the standard. Pkt. 5c.

**SMALL GHERKIN**—(Burr Cucumber). Is esteemed highly for bottling. It is small in size, in shape like a chestnut burr. Quality fine. Pkt. 5c, oz. 20c.



**POT, SWEET AND MEDICINAL HERBS.**

	Pkt.	Oz.	Lb.		Pkt.	Oz.	Lb.
Annis.....	5c	\$0.15		Hyssop.....	5c	\$0.25	
Balm.....	5c	.25		Lavender.....	5c	.15	
Basil.....	5c	.10		Sweet Marjoram...	5c	.15	\$1.50
Borag.....	5c	.10		Rosemary.....	5c	.40	
Caraway.....	5c	.05		Rue.....	5c	.25	
Coriander.....	5c	.05		Sage—Broad Leaf..	5c	.20	2.00
Dill.....	5c	.10	\$1.00	Saifron.....	5c	.15	
Fennel.....	5c	.50		Savory, Summer...	5c	.25	
Horehound.....	5c	.25		Thyme.....	5c	.20	



Upland Cress.

**CRESS OR PEPPER GRASS.**

**UPLAND**—A perennial variety of easy culture. It has a fine pungent taste. Used with mustard leaves, it makes a fine salad.

Pkt. 5c, oz. 50c.

**CURLED**—The well-known garden variety  
Pkt. 5c, oz. 10c, lb. 75c.

**TRUE WATER**—Grows along running streams. Pkt. 10c, oz. 25c, lb. \$3.50

**KALE.**

**TALL CURLED SCOTCH**—A hardy grower of excellent quality.

Pkt. 5c, oz. 10c, lb. \$1.00

**DWARF CURLED SCOTCH**—The most popular sort, quality excellent. Very hardy. The best for market gardeners. Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. \$1.00

**SIBERIAN**—Known also as German Greens. Used largely by Long Island market gardeners. Very hardy. Used at the South for fall planting. Pkt. 5c, oz. 10c, lb. 60c.



Green Scotch Kale.

**ENDIVE.**

**GREEN CURLED**—The standard sort. Extra fine for salads. The best for market. Pkt. 5c, oz. 15c, lb. \$1.50

**MOSS CURLED**—An improvement on above, being finer curled.

Pkt. 5c, oz. 15c, lb. \$1.50

**BATAVIAN**—A broad-leaved variety. It is not so tender as the curled sorts. Pkt. 5c, oz. 20c, lb. \$1.75

**KOHL RABI.**

**EARLY WHITE VIENNA**—The finest variety for home use, of excellent flavor. Pkt. 5c, oz. 20, lb. \$2.00

**PURPLE VIENNA**—Not used as much as the white but it is an excellent sort. Pkt. 5c, oz. 20c, lb. \$2.00

**LARGE GREEN OR WHITE**—The large growing, late kind, very productive. Good for stock. Pkt. 5c, oz. 10c, lb. \$1.50



Kohl Rabi.

**CORN SALAD.**

**LARGE SEEDED**—A vegetable used as a salad. Esteemed highly in the East, and should be planted everywhere. Pkt. 5c, oz. 10c, lb. 60c.

**LEEK.**

**VERY LARGE ROUEN**—A fine large sort, very hardy and productive. Wide stalks which bleach very white.

Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.50

**LARGE MUSSELBURG**—A popular sort with market gardeners, large and productive.

Pkt. 5c, oz. 15c, ¼ lb. 35c, lb. \$1.50

**AMERICAN FLAG**—The standard sort for home or market use.

Pkt. 5c, oz. 15c, ¼ lb. 25c, lb. \$1.00

**EGG PLANT.**

**NEW YORK PURPLE**—The best variety for the home or market garden. Our stock is spineless.

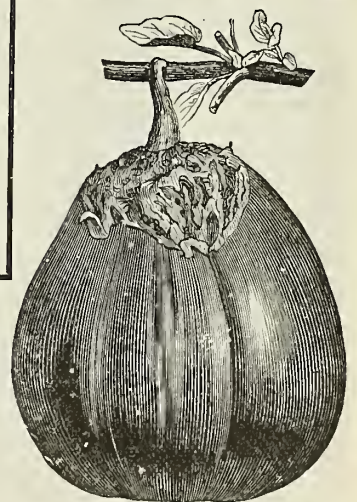
Pkt. 10c, oz. 50c, ¼ lb. \$1.50

**LONG PURPLE**—A good variety, but not so handsome as the above.

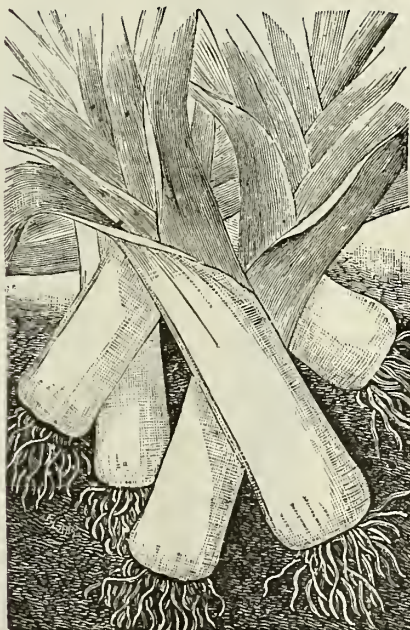
Pkt. 10c, oz. 35c, ¼ lb. \$1.00

**BLACK PEKIN**—Well known and popular. The best low-priced variety.

Pkt. 10c, oz. 20c, lb. \$2.00



New York Purple Egg Plant.



Large Musselburg Leek.

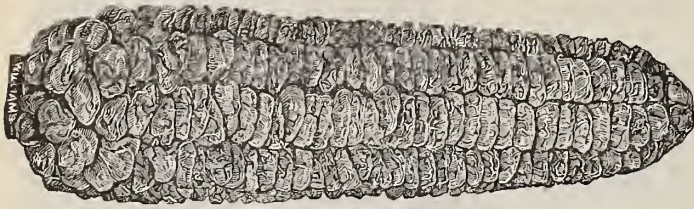
**MUSTARD.**

**GIANT SOUTHERN CURLED**—The best variety, very popular everywhere. This sort is used with cress, and the combination of the two makes a fine salad. Pkt. 5c, oz. 10c, ¼ lb. 20c.

**MARTYNIA.**

**MARTYNIA PROBOSCIDEA**—The curiously formed pods of this vegetable are used for pickling. Pkt. 10c.

# SUGAR CORN.



White Cob Cory.

**BALLARD'S OR CHICAGO MARKET**—The largest and best early corn in existence; 12-rowed; large eared; white cobbled; of choice quality and exceedingly productive.

Pkt. 5c, pt. 15c, qt. 30c.

**EXTRA-EARLY ADAMS**—A very early field variety. Used at the South for a table corn. Quality good and very productive.

Pkt. 5c, pt. 15c, qt. 30c.

**MINNESOTA**—One of the standard early sorts. Ready for table two weeks later than Cory or Chicago Market. A very hardy sort. Most popular for home use. Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 15c, qt. 30c.



Chicago Market or Ballard.



Extra-Early Vermont.

**EXTRA-EARLY VERMONT**—A very early 8-rowed sort, similar to White Cob Cory. No variety is earlier; no early sort is of better quality, and none more hardy or productive. A prize for market gardeners.

Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 30c.

**COUNTRY GENTLEMAN**—This is the variety par-excellence for quality. It is medium early; rows zig-zag; grain long; flavor beyond description; excellent for canning.

Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 15c, qt. 30c.

**EARLY BONANZA**—A fine white cobbled variety, as early as Perry's Hybrid, of fine quality and appearance. One of the best for the home garden.

Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 30c.

**PERRY'S HYBRID**—A standard early variety. Kernels tinged with pink when ripe, cob pink, as a rule, but sometimes white.

Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 30c.

**PEE & KAY**—A fine medium-early variety, of good size, fine flavor and very productive.

Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 30c.

**RUSSELL'S PROLIFIC**—One of the most prolific of all the medium-early sorts. For the home garden it is unexcelled. Quality choice.

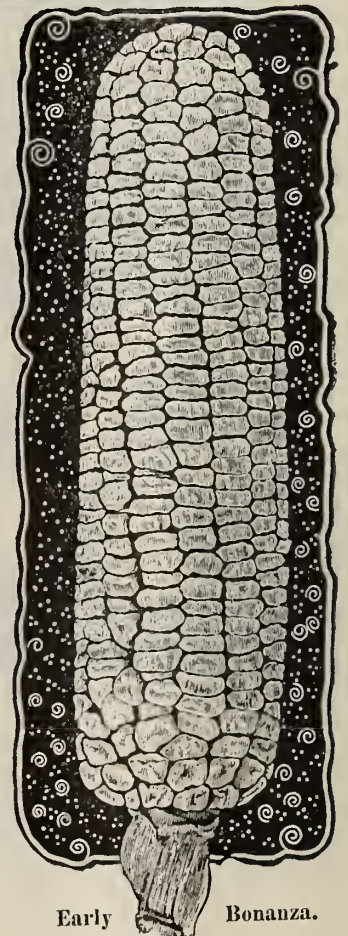
Pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 20c, qt. 30c.

**BLACK MEXICAN**—Were it not for its color, this would be the most popular of all sorts. Try it for your home garden, as nothing could exceed it for quality.

Pkt. 5c,  $\frac{1}{2}$  pt. 10c.



Country Gentleman.



Early Bonanza.

# SUGAR CORN.

THE PRICES HERE QUOTED ARE FOR THE SEED POSTPAID BY MAIL. For bushel prices see bulk list page 50.

**NEW  
CHAMPION  
CORN.**

This is the finest of all the new Sweet Corns. For the market it is unsurpassed, owing to its large size and handsome appearance.

**IT IS 14-ROWED,**

of the choicest quality, and is an abundant cropper.

**ALL SHOULD TRY IT.**

Pkt. 5c, ½ pt. 10c, pt. 20c, qt. 30c.

**CROSBY'S EARLY—**  
For many years this sort has been a standard one. The quality is choice, size large for an early.  
Pkt. 5c, pt. 15c, qt. 30c.



Crosby's Early.

**MOORE'S EARLY CONCORD—**A well-known early variety of large size. Grain large, twelve-rowed. Quality good. Much esteemed as a market sort.  
Pkt. 5c, ½ pt. 10c, pt. 15c, qt. 30c.

**EVERGREEN, STOWELL'S—**The standard late sort. It has held the first place for the market and the home garden for many years, and is still the leader for a main crop.

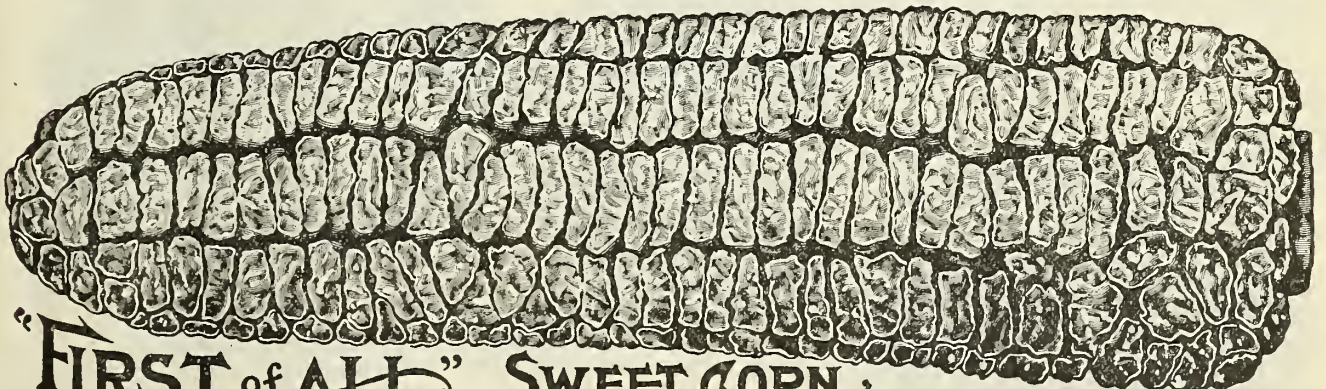
Pkt. 5c, ½ pt. 10c, pt. 15c, qt. 30c.



Old Colony.

**OLD COLONY—**The Old Colony is considered the best and sweetest by canning factories. It is a paying variety for market. It is two weeks earlier than evergreen and is about as large.  
Pkt. 5c, ½ pt. 10c, pt. 15c, qt. 30c.

**Our  
Seeds  
are all  
Extra  
Selected.**



## "FIRST of ALL" SWEET CORN.

**FIRST OF ALL—**A fine new variety, fast gaining popularity for its earliness and good quality. Pkt. 5c, ½ pt. 15c, pt. 20c, qt. 40c.

**EGYPTIAN, MAMMOTH SUGAR, HICKOX—**Three standard sorts, needing no description. Sold at the uniform price of: Pkt. 5c, pt. 15c, qt. 30c.

# LETTUCE.

**ST. LOUIS MARKET**—The best head-lettuce. Popular with the Chicago market gardeners.

## THE BEST FOR SUMMER USE.

All should give it a trial.

Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**ALL-THE-YEAR-ROUND**—A good sort for early or late planting. Stands the summer heat well. Slow to run to seed.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c.

**EARLY TENNIS-BALL, WHITE SEED**—This is the popular variety with the Boston gardeners for forcing. It is a fine early sort.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**EARLY TENNIS-BALL, BLACK SEED**—A good variety of head-lettuce for early use. The heads are not large, but are crisp and solid.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.



Saint Louis Market

**TILTON'S WHITE STAR**—A fine new sort, highly recommended.

## GOOD FOR EARLY SOWING.

For sowing under glass it is becoming a very popular variety with market gardeners.

Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c.

**GRAND RAPIDS FORCING**—In the vicinity of Grand Rapids, Mich., this is the only variety they plant for forcing. It is an excellent sort.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c.

**CHARTIER**—A fine, large heading sort. Thoroughly tried, and found to possess great merit. As will be seen in cut, it grows very large.

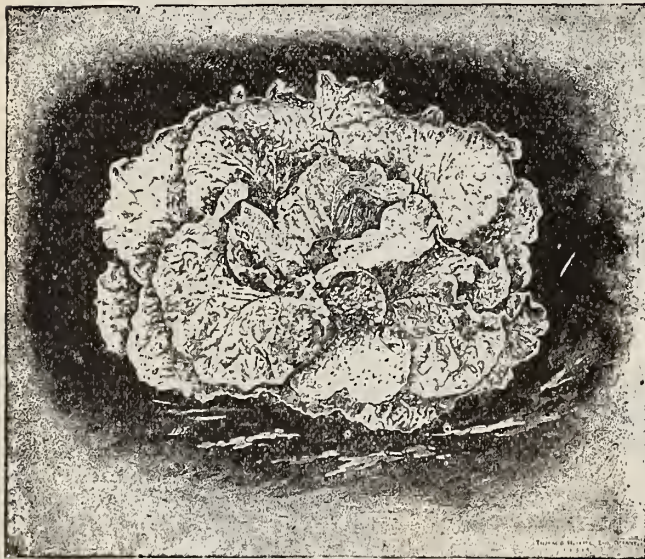
Pkt. 5c, oz. 10c.

**HANSON**—A fine variety of head-lettuce.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.



Chartier Head.



Tilton's White Star

**BLACK-SEEDED SIMPSON**—The standard sort for early spring planting, and for growing under glass. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c.

**PRIZE HEAD**—A good variety of head-lettuce. Quality fine. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.



Denver Market Lettuce

**DENVER MARKET**  
—A very fine heading sort. Solid, crisp and tender.

Pkt. 5c, oz. 10c.

**EARLY CURLED SIMPSON**—The old and well-known, white-seeded early variety. It has been sown for thirty years and is still called for.

Pkt. 5c, oz. 10c.

**SALAMANDER**—The best of all the kinds for withstanding the summer heat. Quality fine. Tender and crisp. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

**BUTTERCUP**—A heading variety of considerable merit. The inside of the head is waxy, yellow, crisp and delicious.

Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.

# MELONS

**THE PRINCESS**—One of the finest musk melons grown. For home use none is better. It is also good for home market, but will not stand shipping.

Pkt. 5c, oz. 10c, lb. 50c.

**SKILLMAN'S NETTED**—A fine early melon, of sweet musky flavor.

Pkt. 5c, oz. 10c, lb. 50c.

**EMERALD GEM**—A choice melon for home use. Size medium, of fine appearance. Flesh juicy and delicious.

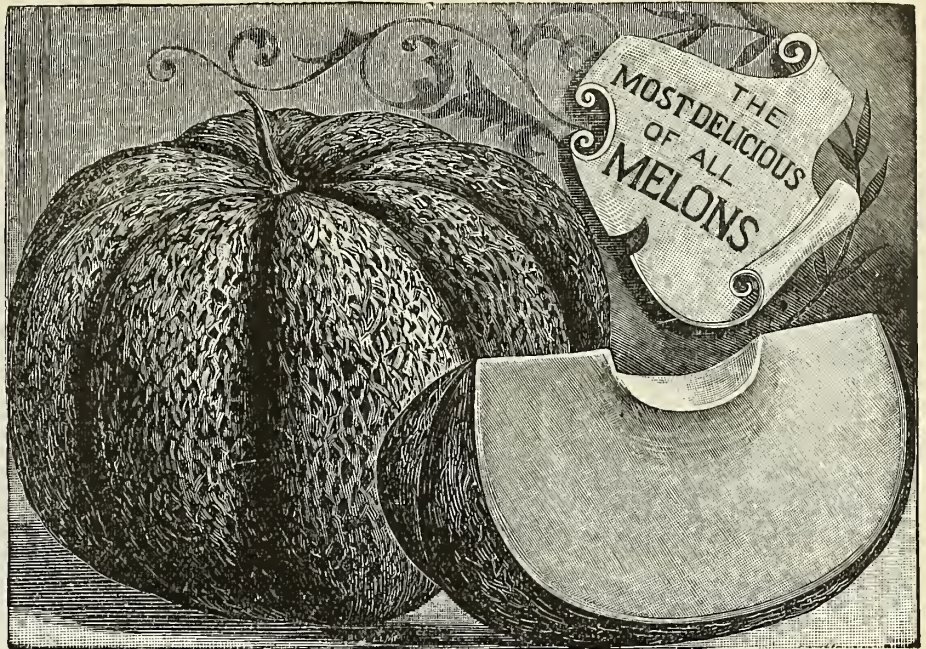
Pkt. 5c, oz. 10c, lb. 50c.

**NETTED GEM**—The best early melon grown. Shipped into every market of note. Small sized, but of exquisite flavor.

Pkt. 5c, oz. 10c, lb. 50c.

**JENNY LIND**—A good early melon. Very popular.

Pkt. 5c, oz. 10c, lb. 50c.



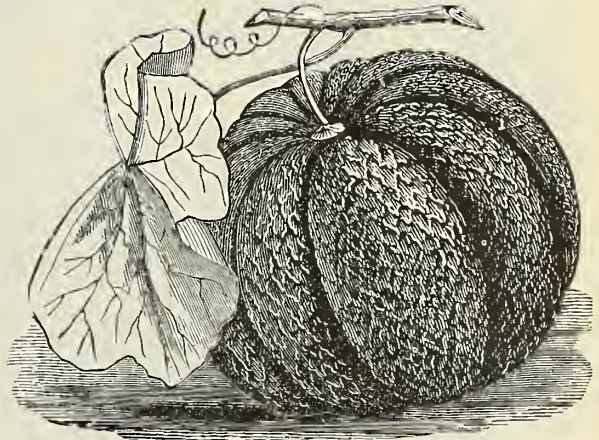
Princess.

**THE OSAGE**—This is one of the finest all-around melons in existence. Unexcelled for shipping. Skin dark green, almost black. Very slightly netted. Flesh rich salmon.

Pkt. 5c, oz. 10c, lb. 50c.

**CHICAGO MARKET**—A standard green-fleshed nutmeg melon. The favorite on the Chicago market. For many years it has held its own against all comers.

Pkt. 5c, oz. 10c, lb. 50c.



Chicago Market.



The Osage.

**NEW EARLY HACKENSACK**—A green-fleshed nutmeg, of splendid quality. It is very early and a prolific bearer.

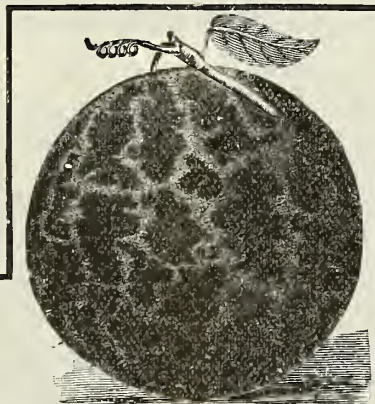
Pkt. 5c, oz. 10c, lb. 50c.

**MILLER CREAM**—This variety is similar to the Osage.

Pkt. 5c, oz. 10c, lb. 50c.

**WHITE JAPAN**—A well-known sort of light color. Flavor good. In some sections is used largely.

Pkt. 5c, oz. 10c, lb. 50c.



Ornamental Pomegranate.

**BANQUET**—A delicious melon for family use, or for fancy trade. Prolific bearer. Fruits medium size; very handsome.

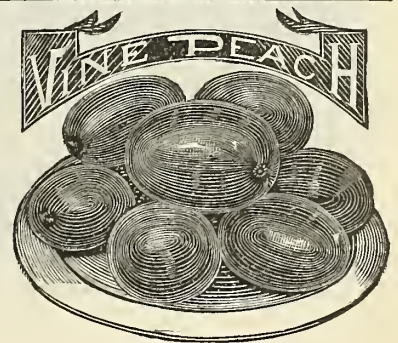
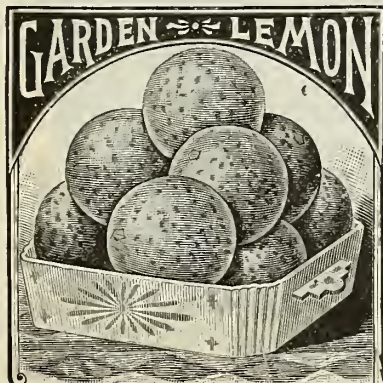
Pkt. 5c, oz. 10c, lb. 60c.

**SURPRISE**—A good melon; skin light colored; flesh a light salmon; quality choice.

Pkt. 5c, oz. 10c, lb. 50c.

**DELMONICO**—One of the very finest in flavor. A good variety for the home garden. Not a good shipper. Grown largely by the local gardeners of large cities for the hotels.

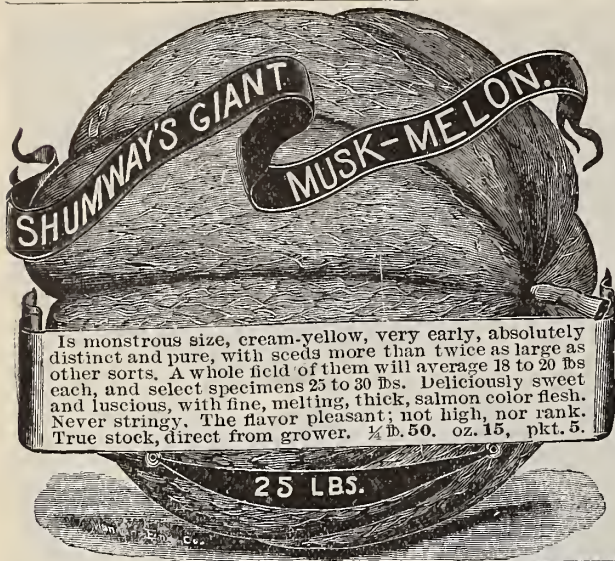
Pkt. 5c, oz. 10c, lb. 60c.



## THREE OF A KIND.

VINE PEACH, GARDEN LEMON  
AND  
ORNAMENTAL POMEGRANATE

Pkt. of either 5c. All three for 10c.



Is monstrous size, cream-yellow, very early, absolutely distinct and pure, with seeds more than twice as large as other sorts. A whole field of them will average 18 to 20 lbs each, and select specimens 25 to 30 lbs. Deliciously sweet and luscious, with fine, melting, thick, salmon color flesh. Never stringy. The flavor pleasant; not high, nor rank. True stock, direct from grower.  $\frac{1}{4}$  lb. 50c. oz. 15c. pkt. 5c.

25 LBS.

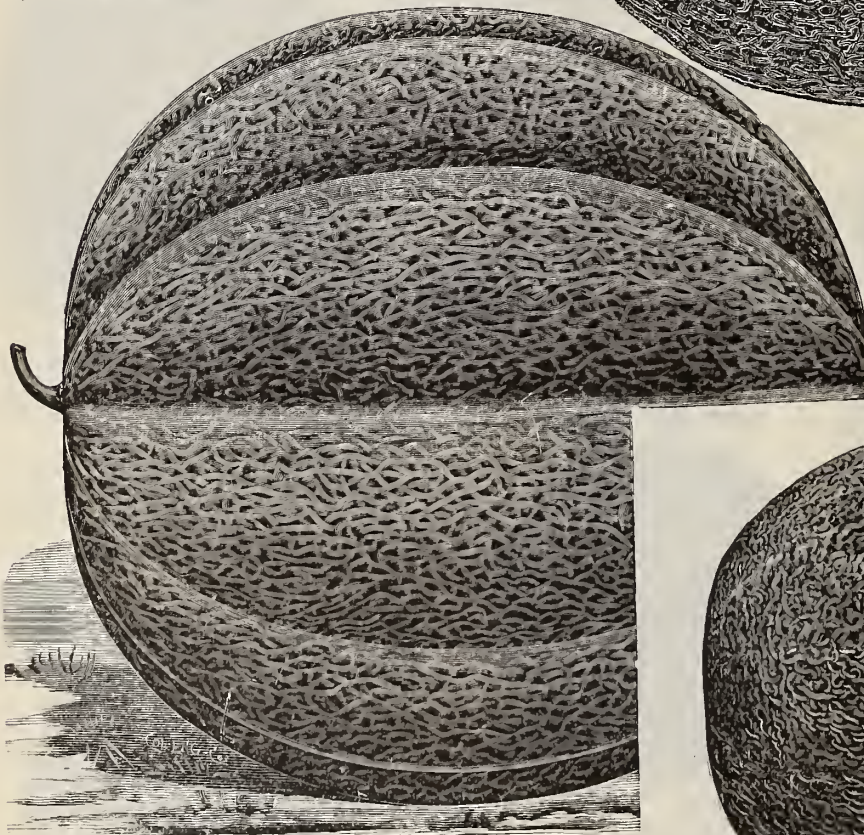
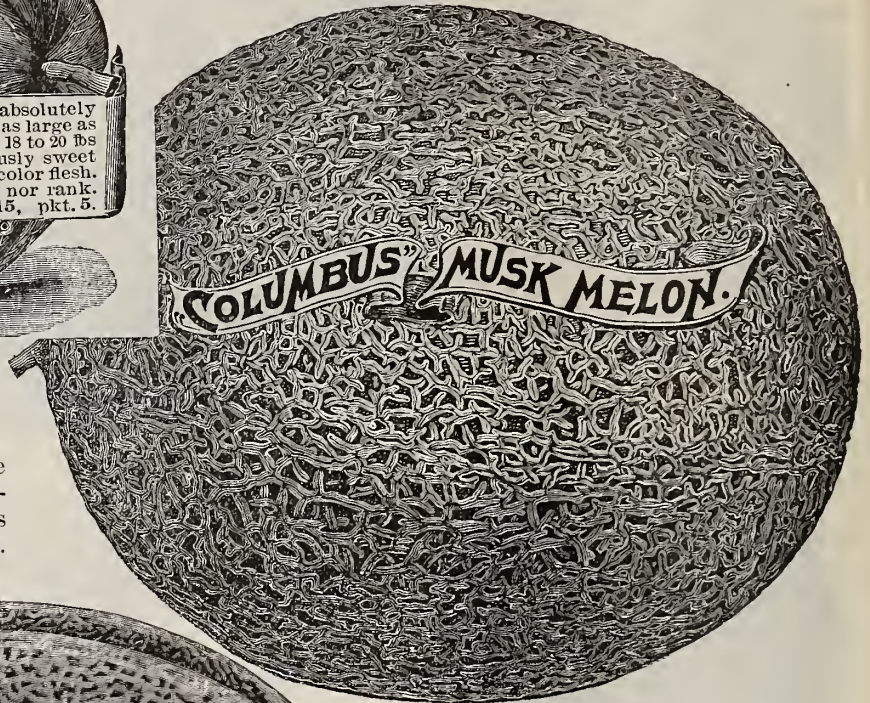
### The Columbus Musk-Melon.

**VERY DELICIOUS.**

A remarkable melon. It grows to a large size, has a very handsome and striking appearance, is very distinct. On the markets where known it sells on sight. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

## NEWPORT MUSK-MELON.

A very choice flavored melon, similar to Hackensack in appearance, though smaller in size. Flesh green, thick, juicy and delicious. A great favorite for hotel and fancy trade. Should be in every garden. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 75c.



### TIP TOP MUSK-MELON.

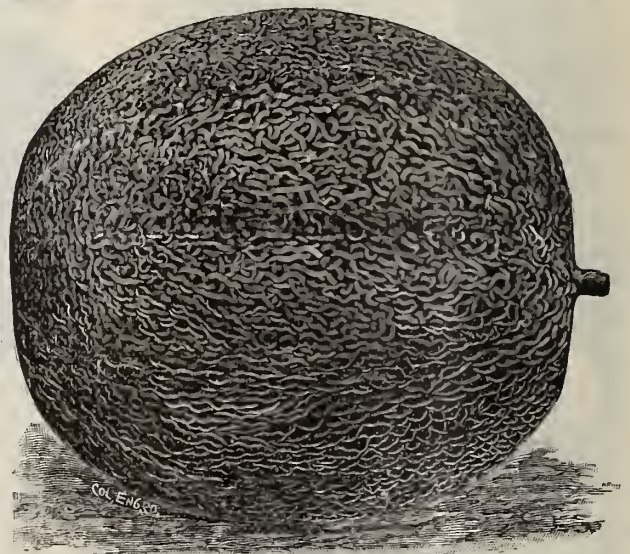
A new yellow fleshed melon of very distinct appearance.

Unequaled for Uniform Good Quality, every fruit produced, whether large or small, is a good one. It will please all who use it. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

Tip Top Melon.

## MELROSE MUSK-MELON.

This new melon is very hardy, strong and vigorous. The vines remain green longer than any other sort. It is very early in season and of extra choice quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.



Melrose Melon.

# WATERMELONS.

**STOKE'S EARLY**—Very early. Seed small, shape oblong oval, quality delicious. Pkt. 5c, oz. 10c, lb. 60c.

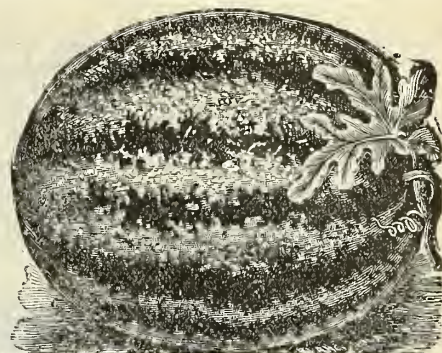
**PHINNEY'S EARLY**—An extra-early sort. Seed white, shape oval, fine quality. Pkt. 5c, oz. 10c, lb. 50c.

**VICK'S EARLY**—A well-known early kind. Seed black, smooth and shiny. Quality fine. Pkt. 5c, oz. 10c.

**BLACK SPANISH**—A popular sort. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 50c.

**PRIDE OF GEORGIA**—A standard variety. A good keeper. Pkt. 5c, oz. 10c, lb. 50c.

**JOHNSON'S CHRISTMAS**—One of the longest keepers. Rind hard, dark green. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.



Jumbo.

**JUMBO**—A well-known sort. Very large.

Pkt. 5c, oz. 10c, lb. 60c.

**DIXIE**—A good shipper. Quality excellent.

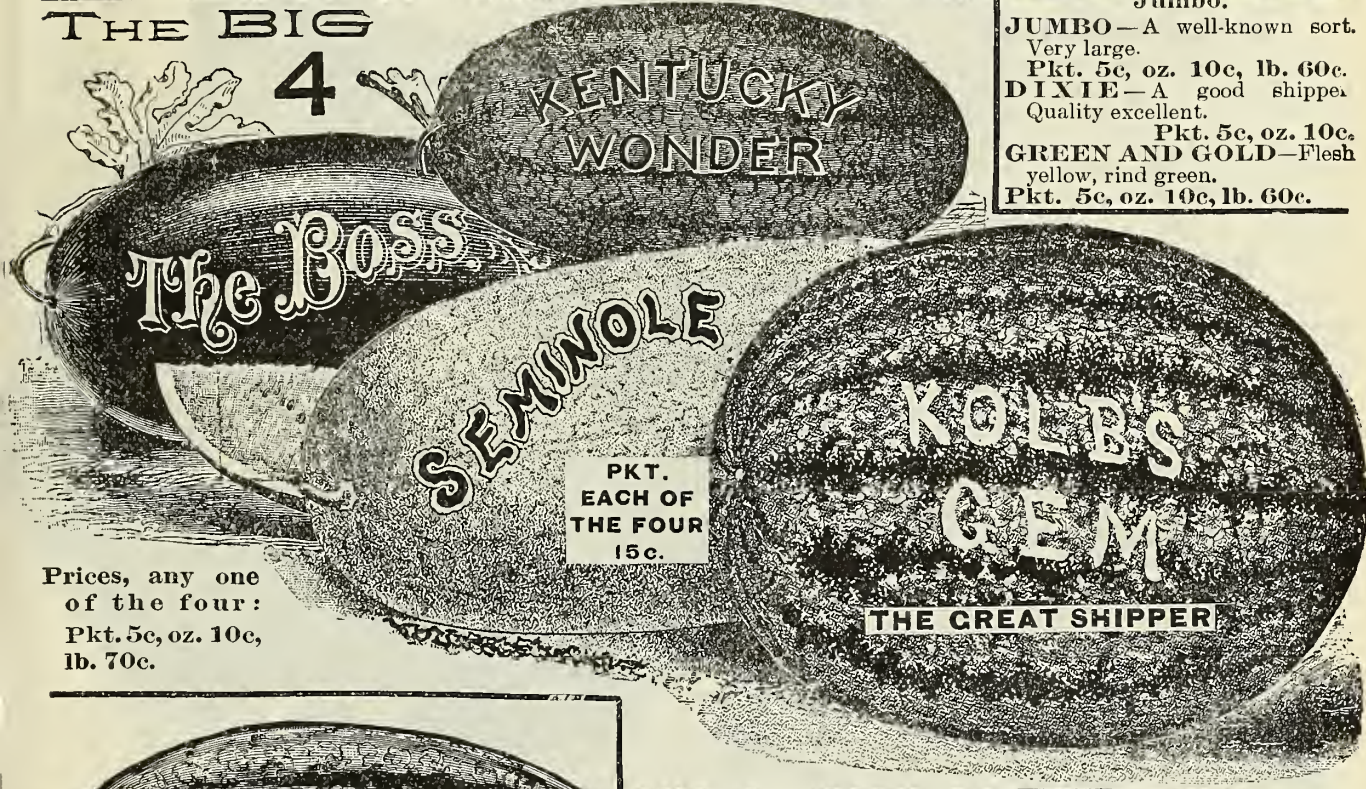
Pkt. 5c, oz. 10c.

**GREEN AND GOLD**—Flesh yellow, rind green.

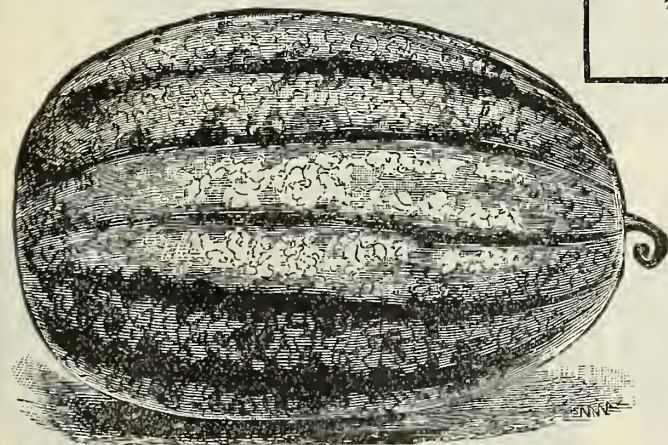
Pkt. 5c, oz. 10c, lb. 60c.

## THE BIG

# 4



Prices, any one of the four:  
Pkt. 5c, oz. 10c, lb. 70c.



Cuban Queen.

**CUBAN QUEEN**—One of the very best all-around melons. Good to ship, and for home use not excelled by any in quality. Pkt. 5c, oz. 10c, lb. 50c.

**MAMMOTH IRON CLAD**—A hard-shelled sort of good quality. An excellent shipper. Pkt. 5c, oz. 10c, lb. 50c.

**COLORADO PRESERVING**—Green-seeded citron. One of the best for preserving. Pkt. 5c, oz. 10c.

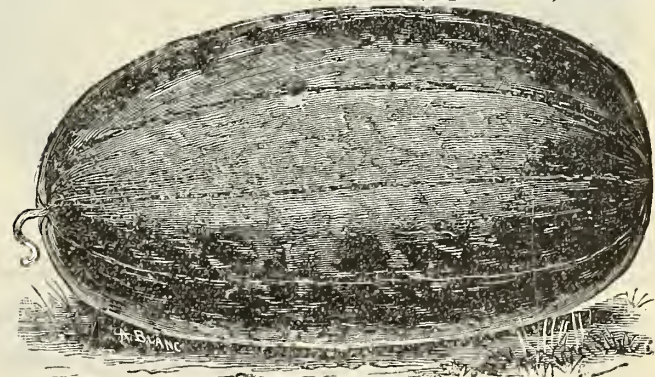
**CITRON**—Red seeded, used for preserves. Pkt. 5c, oz. 10c.

**PEERLESS, OR ICE CREAM**—One of the most popular kinds. Flesh firm, sweet, and delicious. The best for home use. Pkt. 5c, oz. 10c, lb. 50c.

**LIGHT ICING**—A splendid melon for the home garden, and for the local market. Pkt. 5c, oz. 10c, lb. 50c.

**DARK ICING**—A good variety for home use. Of good size, excellent quality, and handsome appearance. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**SCALY BARK**—A popular kind, not handsome in outward appearance, but of very choice quality. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.



Iron Clad.

# ONION SEED.

The value of the crop depends a great deal upon the quality of the seed sown. Our reputation for supplying reliable onion seed is not excelled by any house in the trade. A package of onion seed bearing the stamp of S. F. Leonard is considered safe to plant by any onion grower. Among market gardeners we have a name that is second to none, with a constantly increasing number of them depending upon us for their onion seeds, fully confident that they are getting and will always get the best that is to be had.

## THE THREE KINGS.

### SPANISH KING

One of the handsomest onions grown. Specimens weighing nearly four pounds are often harvested. The large Spanish onions sold at such high prices on the Chicago fruit-stands are the same as this variety, only they are imported. Pkt. 5c, oz. 15c, ¼ lb. 50c.

### SILVER KING.

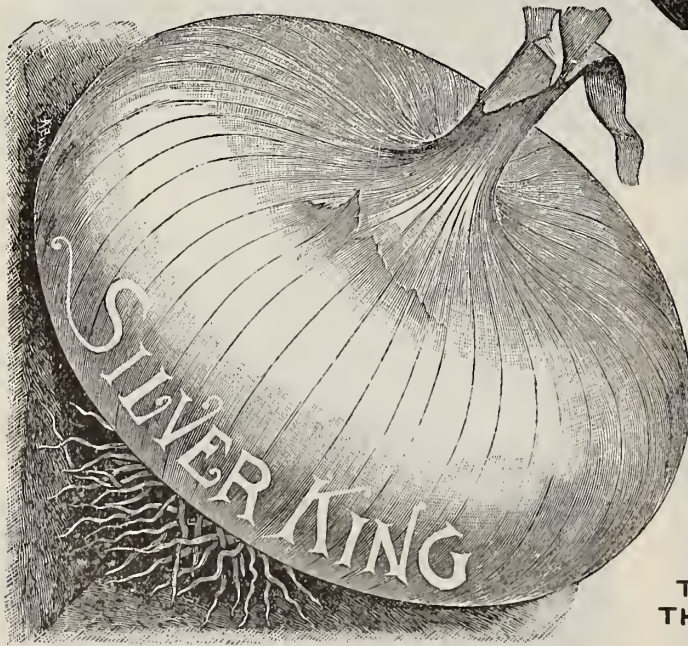
This is a grand onion. It is a mammoth grower, of beautiful pearly-white color, almost transparent in appearance. To match Spanish King at fairs and exhibitions, it is just what is needed. Pkt. 5c, oz. 15c, ¼ lb. 50c.

### COPPER KING.

This variety is the largest Red Onion grown. It is fine and mild in taste. With the two varieties above mentioned a combination is formed which wins prizes at all fairs for all colors. Pkt. 5c, oz. 15c, ¼ lb. 50c.



ONE PKT.  
EACH  
10c.



TRY  
THEM.

**FOR POUND PRICES**  
SEE OUR BULK PRICE LIST, PAGES 50-51-52.



# ONION

## AMERICAN GROWN.

### EXTRA - EARLY FLAT

**RED**—The earliest variety. Very popular with market gardeners to sell in the early fall. Quality choice, of mild taste. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c.

WRITE  
FOR  
PRICES  
ON  
LARGE  
LOTS  
AT  
ANY  
TIME.

**LARGE RED WETHERSFIELD**—The most popular red variety for main crop. It makes a large, thick bulb, crops abundantly, ripens early and sells readily on all markets where a red onion is wanted. Our seed is extra selected; none better can be bought. It is bound to give satisfaction. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c.

**LARGE RED GLOBE**—A fine, large globe-shaped onion, of mild flavor. It is a good keeper, excellent for main crop. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c.

**YELLOW DUTCH**—This is the earliest of the large, flat yellow sorts. It is a wonderful keeper and a splendid market variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

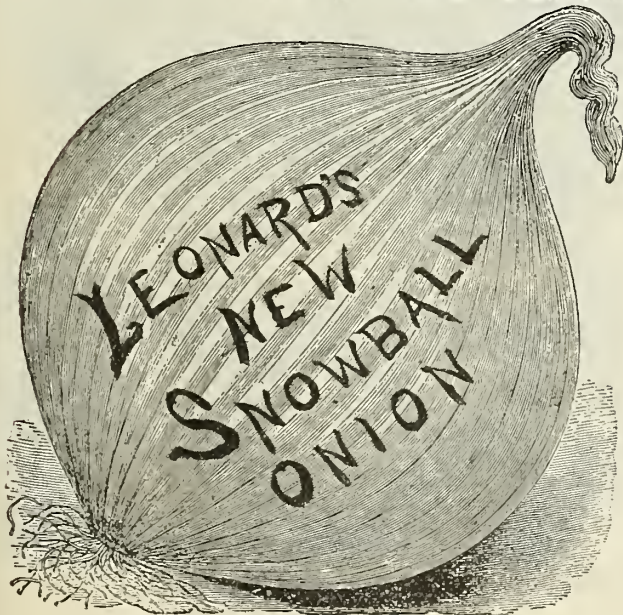
**FLAT DANVERS**—A very early sort of great merit; one of the best yellow kinds for market. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c.

**GLOBE DANVERS**—This is the most popular of all the yellow sorts. It is the kind most used by Chicago market gardeners. In all markets where a yellow sort is used takes the lead. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c.



THE STANDARD VARIETIES

FOR POUND PRICES SEE PAGES 50-51-52



**SOUTHPORT YELLOW GLOBE**—This is a large, handsome yellow variety. Shape, perfectly globular; quality fine. A splendid keeper. Becoming very popular. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 40c.

**WHITE-PORTUGAL**—The best white sort for pickling or ordinary uses. It is one of the best keepers of the white varieties. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

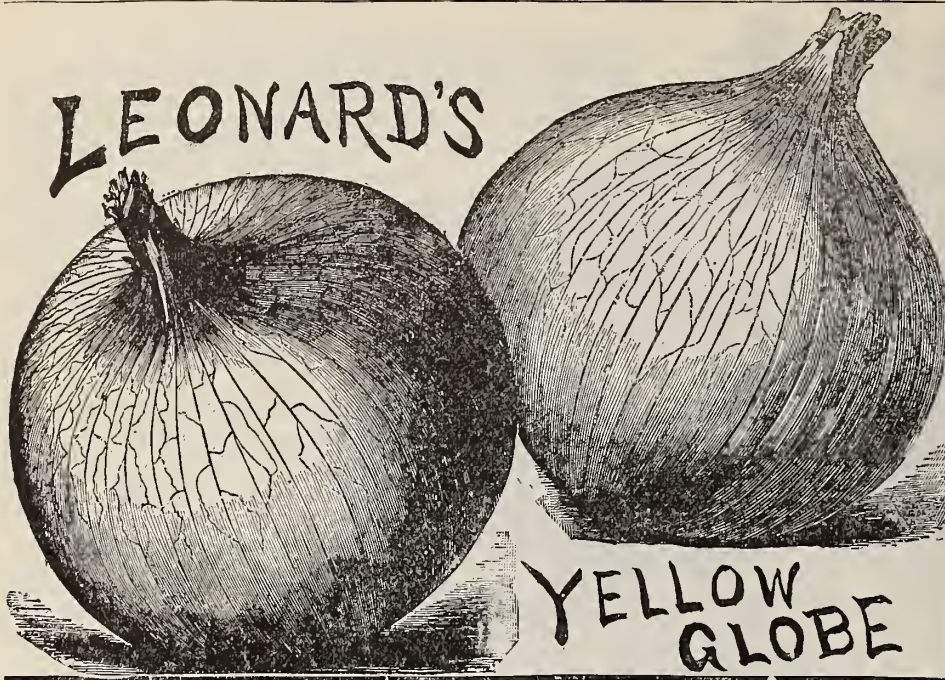
**LARGE WHITE GLOBE**—A very handsome onion, of splendid quality. Keeps well. It has a good, strong flavor. The best sort for early green onions from seed. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c.

## LEONARD'S SNOWBALL.

This new onion has met with universal favor. It is of beautiful form, of a pearly-white, transparent color. It has taken the prize over all white onions wherever shown.

For home use unexcelled, and for market no other white variety will command so high a price.

Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 60.



**LEONARD'S YELLOW GLOBE**—This is an onion desirable alike for the market gardener, shipper, or for home use. The cut shows its fine form. In color it is a brownish-yellow. It ripens uniformly, is of large size, and has brought more money per bag on the Chicago market for the past six years than any other variety. It is the best strain of yellow onion ever offered.  
 Pkt. 5c, oz. 15c, ¼ lb. 40c.

**RED VICTORIA**—A fine mammoth, oval-shaped onion. Skin is very dark in color, almost blood red; flesh is very light rose color or white. It is of quick growth, of mild flavor, and is very desirable and profitable.  
 Pkt. 5c, oz. 15c, ¼ lb. 50c.

**WHITE VICTORIA**—In shape like the above, but the skin is silvery white, shaded with a delicate light rose. The flesh is milky white, very juicy and sweet. It grows to a large size, having, without any extra cultivation, a weight of from two to four pounds.  
 Pkt. 5c, oz. 15c, ¼ lb. 50c.

**ITALIAN ONIONS.**

**WHITE QUEEN**—A rapid growing white-skinned onion. An excellent pickling sort. Pkt. 5c, oz. 15c.

**WHITE PEARL**—A fine Italian variety. Of quick growth and handsome appearance.  
 Pkt. 5c, oz. 15c, ¼ lb. 50c.

**WHITE TRIPOLI**—A large sort. Used largely for green onions to bunch for the market.  
 Pkt. 5c, oz. 15c, ¼ lb. 50c.

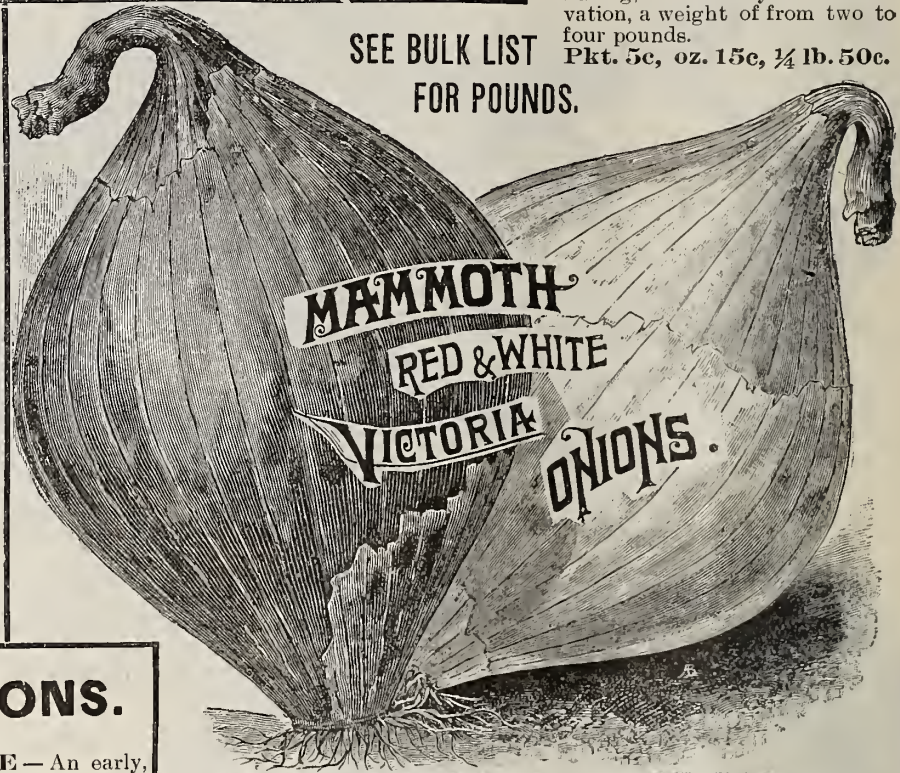
**YELLOW ROCCA**—A fine, large yellow onion of mild flavor.  
 Pkt. 5c, oz. 20c, ¼ lb. 75c.

**RED ROCCA**—One of the largest red Italian sorts. Of good quality.  
 Pkt. 5c, oz. 15c, ¼ lb. 40c.

**NEAPOLITAN MARZAJOLA**—This is a fine silvery-white skinned sort. Early and profitable.  
 Pkt. 5c, oz. 15c.

**MADRID GIANT**—Red skinned, mild flavored and large-growing onion.  
 Pkt. 5c, oz. 15c.

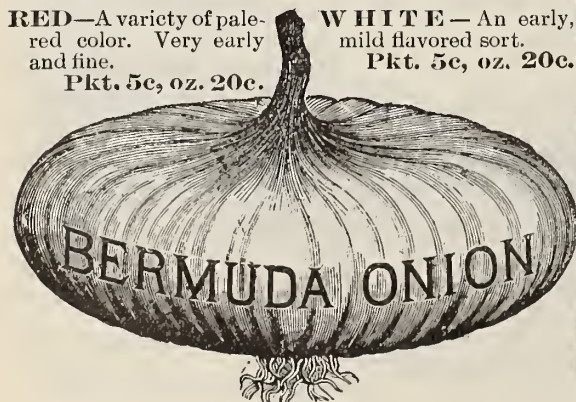
SEE BULK LIST FOR POUNDS.



**BERMUDA ONIONS.**

**RED**—A variety of pale-red color. Very early and fine.  
 Pkt. 5c, oz. 20c.

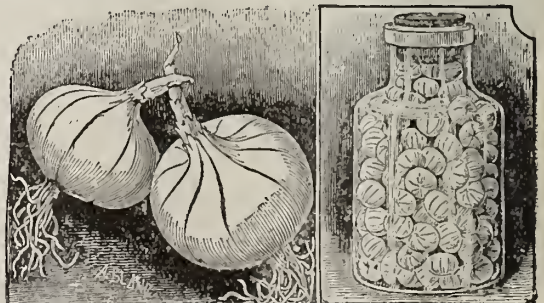
**WHITE**—An early, mild flavored sort.  
 Pkt. 5c, oz. 20c.



**WHITE BAR-LETTA.**

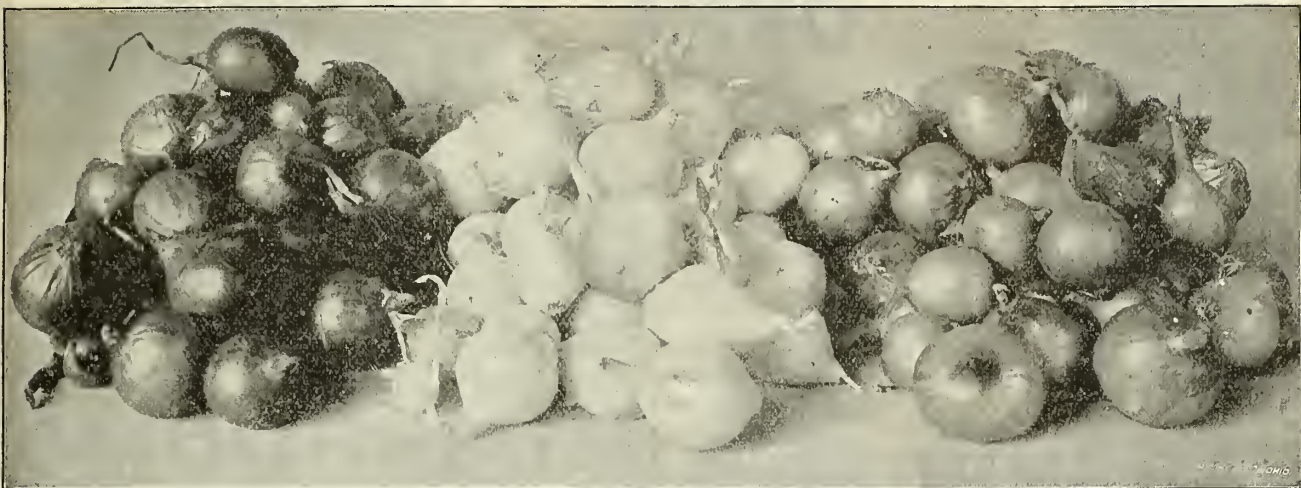
This is one of the finest pickling sorts. It is exceedingly early, of splendid, clear-white color, and of small size.

Pkt. 5c, oz. 15c, ¼ lb. 50c.



White Barletta.

# ONION SETS.



Red Bottom Sets.

White Bottom Sets.

Yellow Bottom Sets.

**RED BOTTOM SETS.** These sets are grown from the Red Wethersfield variety, and will produce marketable onions several weeks earlier than seed. For green onions they are also very desirable. Pt. 10c, qt. 20c, 2 qts. 35c, 4 qts. 60c.

**WHITE BOTTOM SETS.**—We have sets grown from White Globe seed or from the White Portugal seed, and can furnish either kind. White sets produce the finest early green onions, and no garden should be without them. Pt. 15c, qt. 25c, 2 qts. 40c, 4 qts. 75c.

**YELLOW BOTTOM SETS.**—The yellow sets are grown from seed of Strasburg, Yellow Danvers, Yellow Globe Danvers and Southport Yellow Globe, either of which we can furnish. Yellow is the standard color for onions in many of the largest markets. Pt. 10c, qt. 20c, 2 qts. 35c, 4 qts. 60c.

**PRIZE TAKER SETS.**—These sets are grown from seed of the famous Prize Taker onion. The most successful growers of Prize Taker say that this onion cannot be grown to its fullest perfection unless seedlings are transplanted or the onions grown from sets. It is expensive work to transplant seedlings, while growing from the sets is very economical. It will pay you to try sets. Pt. 15c, qt. 25c, 2 qts. 50c, 4 qts. 75c.

**YELLOW POTATO ONIONS.**—The old original English multipliers, the genuine potato onion. Excellent for the home or market garden, for early onions. Pt. 15c, qt. 25c, 2 qts. 40c, 4 qts. 75c.

**SHALLOTS OR MULTIPLIERS.**—These are very popular at the south. They are grown largely for flavoring. The clumps are divided and they multiply very abundantly. Pt. 15c, qt. 25c, 2 qts. 40c.



Genuine Top Onions.



Yellow Potato Onions.

**WHITE MULTIPLIER ONIONS.**—Owing to the white color this is considered an improvement on the yellow potato onion, which it resembles in habit of growth. It is a very desirable onion for early market purposes. It makes a clean, pearly white bulb, which may be bunched for market in the green state, or it may be allowed to dry and can then be used for pickles. Pt. 15c, qt. 25c, 2 qts. 45c, 4 qts. 80c.

**GENUINE TOP ONIONS.**—This is the old-fashioned top onion. The small clumps when separated are planted and each small bulb produces a large, solid, marketable onion of the finest keeping qualities. This onion, when planted, produces again on the top of a stalk which shoots up from it the small clumps, just as ordinary onions throw up a ball of seed. Pt. 15c, qt. 25c, 2 qts. 45c, 4 qts. 80c.



White Multiplier Onions.

**WINTER TOPS (Perennial Tree Onions).**—These are very hardy; they need no protection during the winter, and will continue for many years to yield an abundant supply of green onions without replanting. Pt. 10c, qt. 20c, 2 qts. 35c.



Okra.

## OKRA.

This plant is extensively cultivated for its green pods, which are used in soups and stews, and are very nutritious and wholesome.

**DWARF GREEN**—Very early. Smooth pods. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**TALL GREEN**—Long ribbed pods. A very productive variety. Pkt. 5c, oz. 10c.

**WHITE VELVET**—A fine new sort. Very distinct. Pods of fine color and quite smooth. The most desirable variety. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.



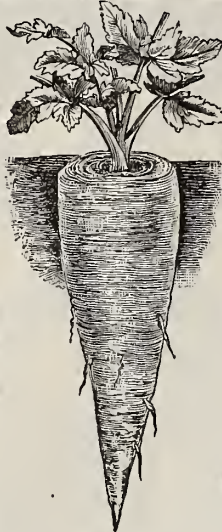
Mushrooms.

## PARSNIP.

**HOLLOW CROWN**—A well-known standard kind. A heavy cropper. Grows long and smooth. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 50c.

**GUERNSEY**—The best sort for heavy, black soils. In the vicinity of Chicago, where the soil is exceedingly rich, this is the variety needed, as it makes a fine shaped root which does not grow too long. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 60c.

**STUDENT**—The standard round-rooted sort. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 60c.



Parsnip.

## MUSHROOMS.

Mushrooms may be grown in any dark room or cellar where the temperature can be kept at from 50° to 60°

Procure soil from an old pasture and thoroughly mix it with fresh horse manure. Diga a bed a foot in depth, and lay in successive layers of soil and spawn until the bed is filled. In about ten days cover all with a slight layer of loam and manure, pressing it firm. Within six weeks the mushrooms will appear, and grow rapidly and continually for a month or over.

**ENGLISH**—This variety comes in bricks of one pound each. It has been grown by market gardeners with great success, and we recommend it for all general purposes.

1 lb. bricks, 25c, prepaid. Not prepaid, 15c.

**FRENCH**—This variety is put up in two-pound boxes, and produces a smaller mushroom than the English. 2 lb. box, price \$1.50, prepaid. Not prepaid, \$1.00

## PARSLEY.

**DOUBLE CURLED**—The standard sort for outdoor culture, also highly prized by market gardeners for the greenhouse. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 65c.

**CHAMPION MOSS CURLED**—A very fine curled variety. One of the handsomest for garnishing purposes. The exceedingly curled leaves make it desirable. Pkt. 5c, oz. 10c.

**FERN LEAVED**—This sort has a peculiar, fern-shaped leaf. It is not so desirable as the more curled sorts. Pkt. 5c, oz. 10c.

**HAMBURG ROOTED**—The standard rooted sort. The leaves are used for soup greens, and the roots when sliced are much esteemed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 15c, lb. 60c.



Double Curled Parsley.

## PEPPER.



Bell or Bull-Nose.

**BELL OR BULL-NOSE**—The standard sort for market or home use. Of bright red color when ripe. When green is of value in chopped pickles. Pkt. 5c, oz. 25c.

**SWEET MOUNTAIN**—One of the largest of all. After Bull-nose the most popular. Pkt. 5c, oz. 25c.

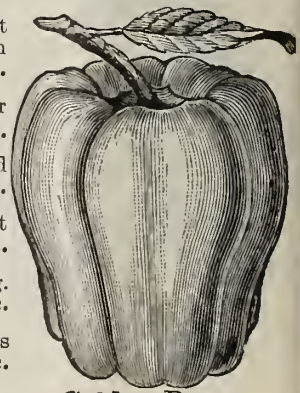
**RUBY KING**—A very large pepper of handsome form and color. Rather late where season is short. Pkt. 5c, oz. 25c.

**GOLDEN DAWN**—A beautiful yellow pepper. Not so hot as the red kinds. Pkt. 5c, oz. 25c.

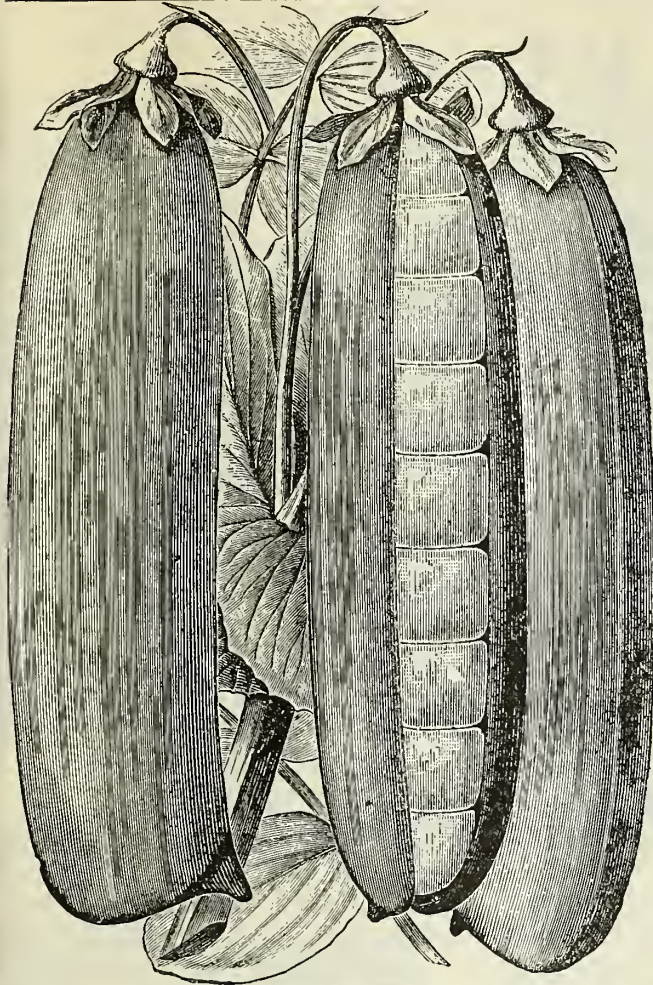
**LONG CAYENNE**—The variety used for bottled pickling. Pkt. 5c, oz. 50c.

**NEW CELESTIAL**—Makes a beautiful plant as well as a useful pepper. Pkt. 5c, oz. 25c.

**RED CHERRY**—Small, round, red. Pkt. 5c, oz. 30c.



Golden Dawn.



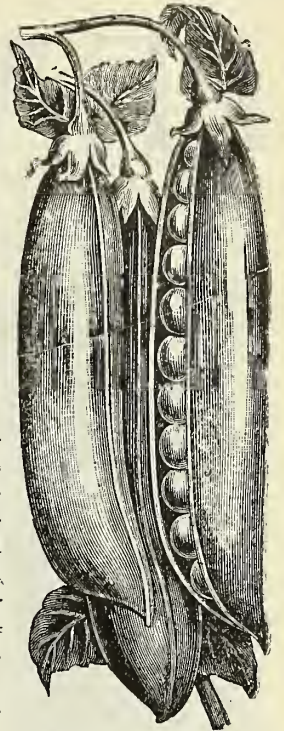
Sharpe's Queen.

**SHARPE'S QUEEN**—One of the most desirable late peas of recent introduction. It has remarkable vigor of growth, and a good yield, coming in after Heroine. The pods are long and slightly curved, filled with large peas of delicious flavor.

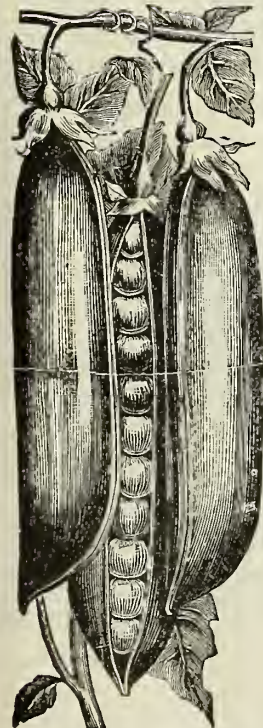
On account of its branching habit it needs to be sown thinly, and this, combined with its productiveness, makes it a popular variety for late planting. Height, 2½ ft.; seed dark green wrinkled. Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**IMPROVED SUGAR MARROW**—This is a valuable addition to the class of marrowfats, being entirely distinct from the White Marrowfat. It is a better cropper and the pods are much longer and well filled with peas of true marrow flavor. Grows from 3½ to 4 feet, with small white seed, slightly dented.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.



Imp. Sugar Marrow.



Fill Pod.

**FILL POD**—A new main-crop pea introduced by us this season. The vines are dwarf and bear an abundance of pods filled with peas of delicious flavor. It is strong and vigorous of growth but not coarse. A most worthy variety.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**FRENCH CANNER**—A good idea of the growth of the pea is given in the cut. Very hardy and strong, bearing long, round pods, closely packed with small peas of good flavor. Medium late, grows 3½ feet. A good variety for canning.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.



French Canner.

**DUKE OF ALBANY**—This pea closely resembles the Telephone in appearance, but is in a great many ways a better pea. The vines are more dwarf and stronger, and the pods are larger and better filled. The yield is as good as the Telephone, making it a strong rival of that well-known pea.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**ADMIRAL**—A medium late pea of great promise, bearing a great profusion of pods, closely packed with peas of small size and fine flavor. Resembles somewhat the Maud S. in habit, but is of more vigorous growth. From 3 to 3½ ft. in height, with cream colored wrinkled seed. Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

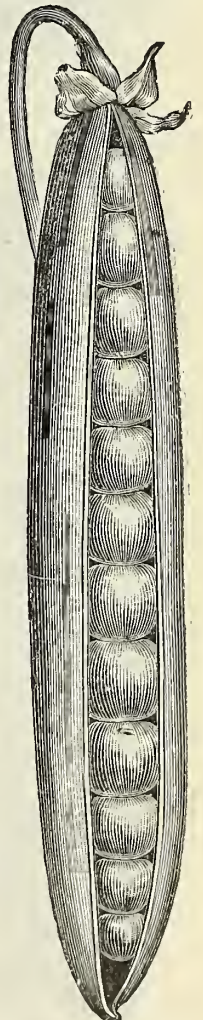
**NOTT'S EXCELSIOR**—A very popular dwarf pea, producing a profusion of long handsome pods, well filled with fine large peas of excellent flavor. Grows 12 in. and is strong and hardy. Season is early, coming in with American Wonder.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**FORTY FOLD**—This pea is an improvement on the Champion of England, being more confined in its growth, while the pods are larger and better filled and of sweet flavor. Height 3½ feet, with light green seed, much wrinkled.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**BLUE PETER**—A splendid dwarf-growing variety. A good cropper and very hardy. Pea, good flavor; seed blue and round. Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.



Duke of Albany.

# PEAS

## LEONARD'S FIRST AND BEST OF ALL



This is the earliest and best of all the extra-early kinds. On the Chicago market it has held the lead for nearly ten years, and is yet the best variety for gardeners to plant. It ripens up uniformly and is very productive. The vines can be cleaned at one picking. This point makes it exceedingly desirable, because, if the price is high, gardeners can realize for the whole crop at the high price. For home use no early variety is better. It is the early variety above all others for all-around purposes.



Pkt. 5c, ½ pt. 10c, pt. 20c, qt. 35c.

**AMERICAN WONDER**—Extra early. Dwarf-growing vines, only 10 inches high. Quality superb. Exceedingly productive. A splendid sort for home use.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**LITTLE GEM**—Extra-early, vines 15 inches. Quality good. Very prolific. Excellent for market or home.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**PREMIUM GEM**—Another fine, extra-early, dwarf-growing sort of superb quality, vines 12 to 14 inches. Quality good.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**MAUD S.**—Extra-early, vines 24 to 30 inches. It is productive and of good quality.

Pkt. 5c, ½ pt. 10c, pt. 20c, qt. 35c.

**DANIEL O'ROURKE**—An old market variety of exceeding earliness and of good quality.

Pkt. 5c, qt. 35c.

**ADVANCER**—A medium-early pea, vines grow 24 to 30 inches. One of the most productive of all the wrinkled sorts.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**ABUNDANCE**—A medium-late wrinkled pea, of the finest quality, vines 30 inches. Vigorous and productive.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**EVERBEARING**—For home use, this is one of the best. It can be picked every day for a long period. Quality excellent. Vines 30 inches.

Pkt. 5c, ½ pt. 15c, qt. 40c.

**YORKSHIRE HERO**—In quality and appearance of peas and pods similar to Champion of England, but the vine is not so tall.

Pkt. 5c, ½ pt. 15c, qt. 40c.

**SHROPSHIRE HERO**—A fine new sort, late in season. Vines strong, vigorous and productive. Peas large, and of splendid flavor.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

**HEROINE**—This is a fine pea of recent introduction. It is of splendid quality. The vines are strong and vigorous, producing an abundance of fine large well-filled pods. A good variety for market or for home use.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.

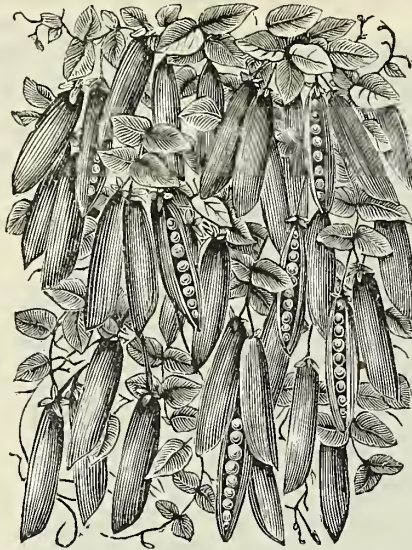
# PEAS.

**CHAMPION OF ENGLAND**—A well-known standard sort. Vines tall, very vigorous and productive. Peas large, and in flavor the sweetest of all sorts.

Pkt. 5c, ½ pt. 10c, pt. 20c, qt. 35c.

**DWARF GRAY SUGAR**—This is one of the best of the edible podded peas. The peas are sweet when cooked shelled.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.



Black-eye Marrowfat.

**BLACK-EYED MARROWFAT**—This is one of the standard late sorts. It is hardy, productive and of good flavor. Very popular for market use.

Pkt. 5c, ½ pt. 10c, pt. 20c, qt. 35c.

**WHITE MARROWFAT**—Similar to above, but the peas are all white, having no black-eye.

Pkt. 5c, ½ pt. 10c, pt. 15c, qt. 30c.

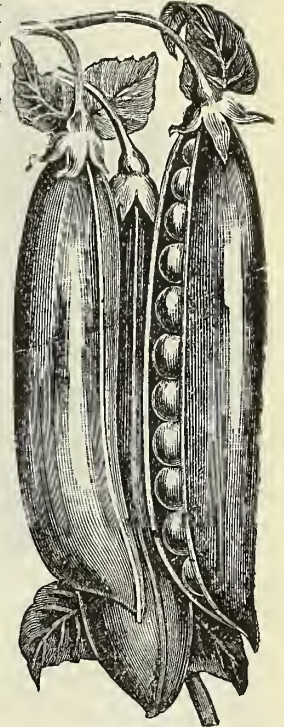
**STRATAGEM**—A splendid pea for main crop. Vines are vigorous, branching, stiff and exceedingly productive. This variety is very popular with the Chicago market gardeners. In quality it is unsurpassed. The pods are large, of a beautiful color.

**HORSFORD'S MARKET GARDEN**—A fine medium late sort. Very prolific. Much used by canners. For home use it will be found to yield good crops of fine flavored peas.

Pkt. 5c, ½ pt. 15c, pt. 20c, qt. 40c.

**TALL GRAY SUGAR**—An edible podded variety of good quality. It is very productive. The peas are eaten shelled also, and are very sweet.

Pkt. 5c, ½ pt. 15c, qt. 40c.



Telephone.

Stratagem.

# PUMPKINS.

**COMMON FIELD**—This is the standard variety for pies and for feeding stock. No variety is better for canning.

Pkt. 5c, oz. 10c, lb. 30c.

**LARGE CHEESE**—This is also known as Kentucky Field. It is a splendid sort for pies, for canning, or for stock feeding.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

**DUNKARD WINTER**—This is a very long-keeping variety. It is of large size and fine quality. Excellent for pies. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

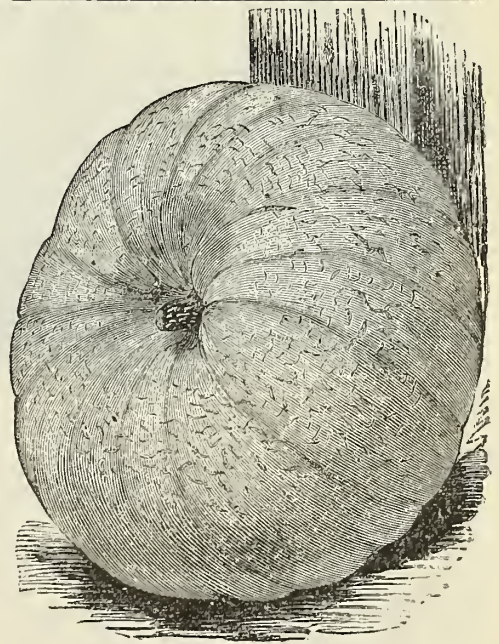
**TENNESSEE SWEET POTATO**—This sort has as sweet a flavor as any squash. For cooking purposes it is the finest of all pumpkins. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

**SMALL SUGAR**—A very sweet pumpkin. Excellent for pies. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

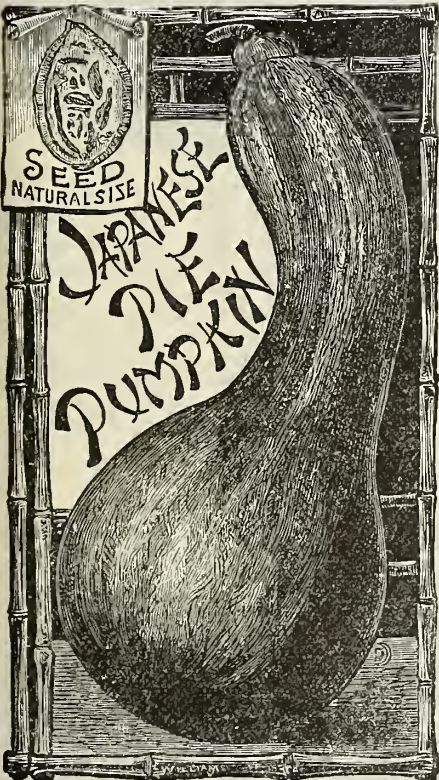
**MAMMOTH TOURS**—This is one of the largest pumpkins. It is very distinct. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 70c.

**TELEPHONE**—The standard sort for market with Chicago gardeners. All large peas are called Telephone by the grocers and dealers in order that they may sell what they have. Be careful to get true stock.

Pkt. 5c, ½ pt. 15c, pt. 25c, qt. 40c.



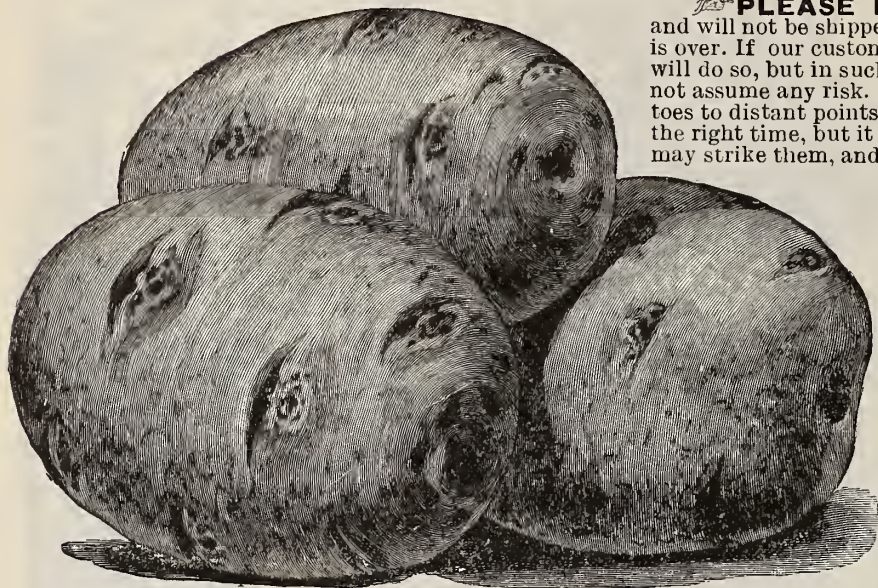
Mammoth Potiron.



**JAPANESE PIE**—A very popular pie pumpkin. The flesh is thick and of splendid flavor. Many of our customers tell us that the meaty part of the neck, when prepared as Egg Plant, makes an excellent substitute for that fine vegetable. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 75c.

**MAMMOTH POTIRON**—This is also called "King of the Mammoths" and Mammoth Prize. It is exceedingly large and fine. Pkt. 5c, oz. 10c, lb. \$1.00

# SEED POTATOES.



Early Ohio.

**PLEASE NOTE.**—Potatoes are ruined by frost, and will not be shipped until all apparent danger from freezing is over. If our customers want us to ship at any given date we will do so, but in such cases it must be understood that we do not assume any risk. **ALSO PLEASE NOTE:** In shipping potatoes to distant points we use our best care to get them off at the right time, but it may happen that an unforeseen cold snap may strike them, and in such cases, where no blame rests upon us, we will not be responsible for the loss.

**EARLY OHIO.**—A standard early market potato, is well known and popular. The tubers are of good size, always cook dry and mealy and can be eaten long before the tops die down. Pk. 50c, bu. \$1.00, bbl. \$1.75.

**EARLY BEAUTY OF HEBRON.**—A standard early variety of sterling merit for home or market use. One of the best. Pk. 50c, bu. 90c, bbl. \$1.50.

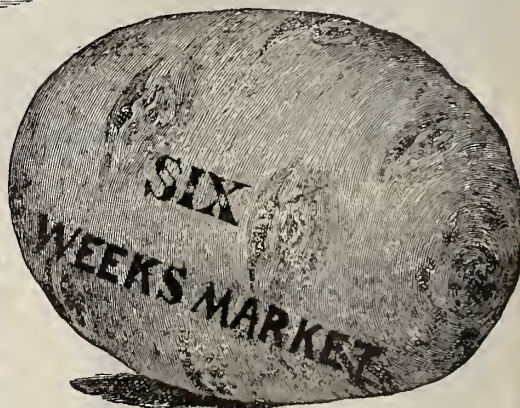
**JUNE-EATING.**—One of the best early potatoes. The Chicago gardeners grow it for market with great success. Pk. 50c, bu. \$1.00, bbl. \$1.75.

**OHIO JUNIOR.**—This, it is claimed, is earlier than the Ohio, a seedling of which it is. We do not find it much earlier than the old Ohio, but it is of pure blood and is in reality a true Ohio. We have grown this stock since 1888, and have it as pure as it is to be had. The Chicago gardeners who have grown the Junior for the past few years in place of the old Ohio, are satisfied that it is a better potato. Pk. 50c, bu. \$1.00, bbl. \$2.50.

**SIX WEEKS MARKET.**—One of the best early market sorts. In appearance similar to Ohio. Quality excellent, a good yielder. It has the same characteristic of Ohio in cooking mealy, even when dug before it fully ripens. Pk. 50c, bu. \$1.00, bbl. \$2.50.

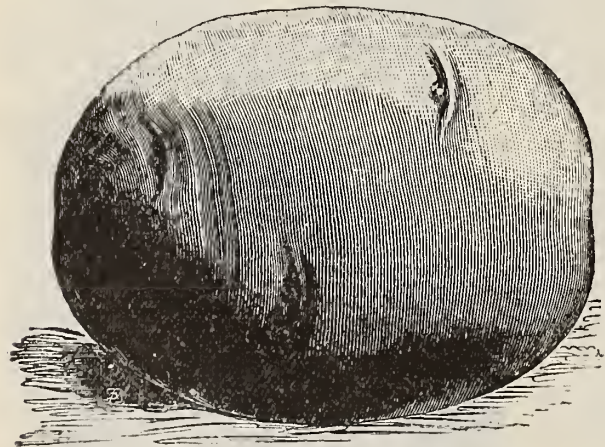
**EARLY TRIUMPH,** also known as Tennessee Red Triumph.—An extra early potato of distinct appearance, and much in demand at the south, where they grow two crops of it in one year. In quality it is hardly as good as the Ohio, but it is earlier. The tubers are round, bright red in color, of good size and very handsome.

Pk. 50c, bu. \$1.00, bbl. \$2.50.



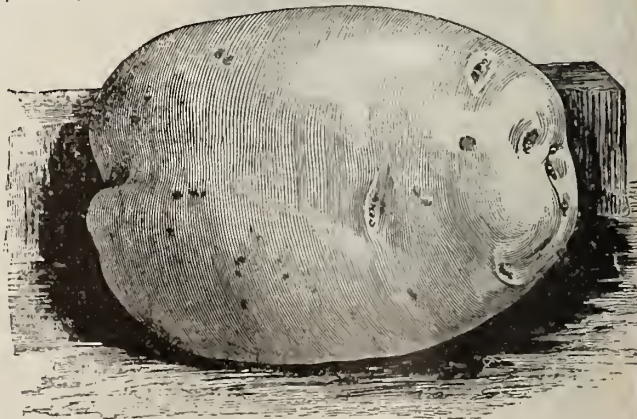
**RURAL NEW YORKER No. 2.**—This is one of the best potatoes on the list for medium or main crop. The tubers are well formed, large, are produced abundantly and are of excellent quality. The vines are robust and will stand the drought well. Our stock is pure; came originally from headquarters and is very superior. Pk. 50c, bu. \$1.00, bbl. \$2.00.

**WORLD'S FAIR.**—A new potato of great value for general use. It is a first quality, strong growing, very prolific, main crop variety. Tubers are smooth, eyes so nearly even with the surface as to be almost imperceptible; perfectly symmetrical in form and outline; skin yellowish white, well covered with netting; flesh pure white, fine grained and mealy. Pk. 50c, bu. \$1.00, bbl. \$2.50.



Rural New Yorker, No. 2.

**LIVINGSTON'S BANNER.**—A very fine new sort, introduced two years ago. It makes one of the handsomest tubers we ever saw. In season it is medium early, about the same as Rural No. 2. The vines when grown alongside of Rural No. 2 showed a marked difference in color and general appearance. Its vine is not so rank as the Rural, but sufficiently strong to indicate vigor and good productiveness. With us it is very productive and is without doubt ONE of the good varieties recently introduced. We highly recommend it. Pk. 50c, bu. \$1.00, bbl. \$2.50.



Livingston's Banner.



## SEED POTATOES.

THE LEONARD  
POTATO

Is now entering upon the fourth year of its unprecedented popularity and is now considered

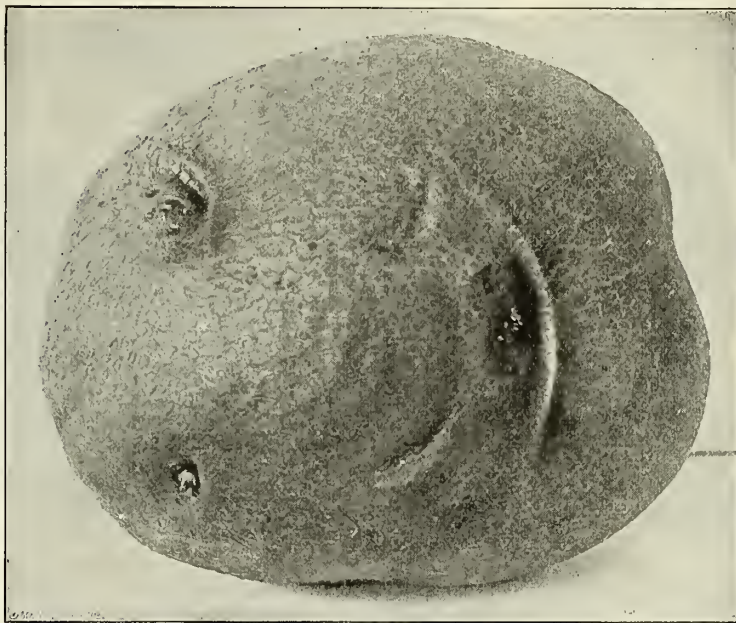
**ONE OF THE GREATEST ALL-PURPOSE VARIETIES EVER INTRODUCED.**

It is a fine-grained, smooth, rusty-skinned, white-fleshed potato, eyes few and shallow, shape round, elongated somewhat, but full on all sides. The vines are strong and vigorous, which enables it to withstand drought and the ravages of the potato-beetle wonderfully. In productiveness it is unequalled. In quality it is unsurpassed. Whether baked or boiled, it comes out floury and delicious.

At our Oak Glen farm the past year it outyielded any variety we had. In season it is earlier than Rural New Yorker No. 2, and in appearance it resembles the Rural, but is not so flat.

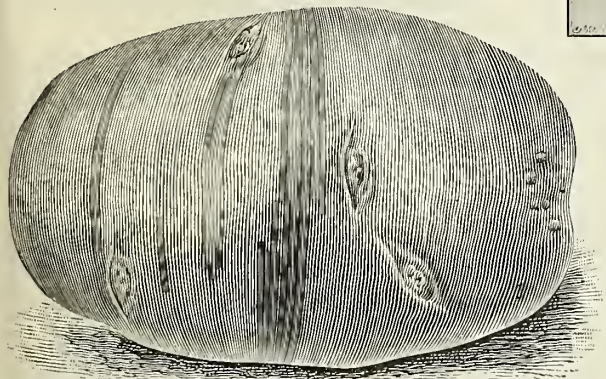
It is superior to Rural in quality and productiveness, and taken altogether, it is the best medium early potato in the list.

**Pk. 50c, bu. \$1.00, bbl. \$2.50.**



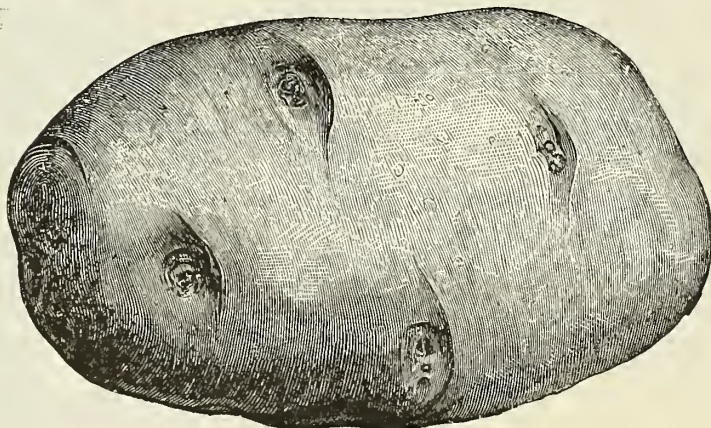
The Leonard.

**THE GREAT DIVIDE.**—This potato originated with Mr. Van Orman, the veteran potato grower, and is claimed to be the most robust growing, finest bearing, longest keeping and best shipping main crop potato in America. While the foregoing are strong claims, probably too strong, it is nevertheless a fact that this potato is one of exceptional merit. The tubers are of oblong round form, skin very white, firm and tough. Grows compactly in the hill, and while the tubers are well under the ground they are borne near the surface of the soil. Size large to very large, with scarcely a small one. In season it is medium to late. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**



The Great Divide.

**THE IRISH DAISY.**—This potato is of recent introduction and has been called "The greatest of all late potatoes." It is a smooth, oval, white, late, close growing potato. In size medium, and in productiveness the equal of any. The vines are rank and strong growing, which make it one able to withstand drought exceedingly well. The potato is a seedling of the Empire State, possessing all the strong qualities of its parent. The introducer says they will outyield White Star or Monroe Seedling two to one. Our stock is grown from the original seed. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**



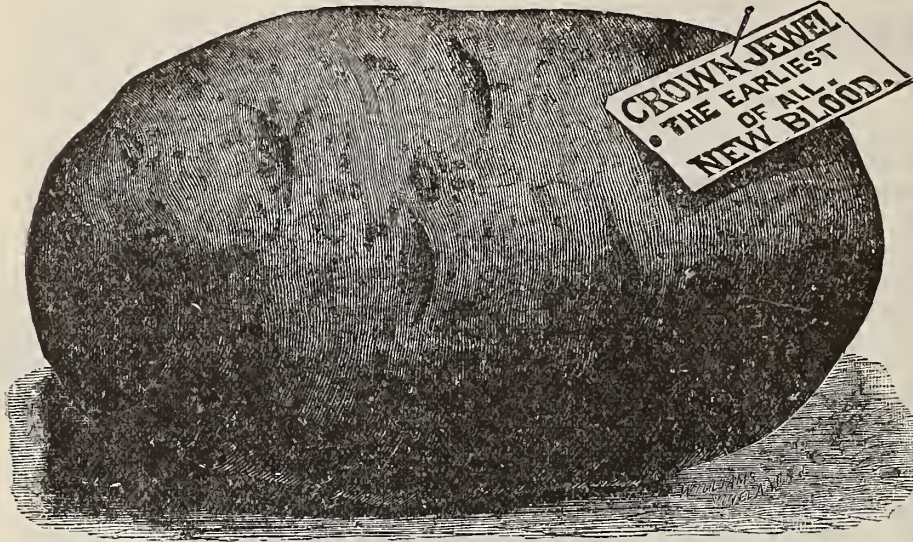
The Irish Daisy.

**NEW KOSHKONONG.**—This is by far the best of any of the newer main crop sorts. It has been grown by the Chicago market gardeners for late crops for the past six years, and by them is considered the most desirable main crop sort. It grows to a good size, has no small potatoes on the vine as a rule. It is white skinned, round oblong, with no denture on any side; occasionally it is blunted at the ends. It is very productive and a good cooker. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**

**THE STATESMAN.**—A new, extra early potato, which has made a good record. In shape it is long, smooth and somewhat flattened. Skin is white, quality excellent. The vines are vigorous. In productiveness it is not excelled by any extra early. Our stock is grown on our Oak Glen farm from the stock sent to us from the originator, and will be found superior to stock offered by others. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**



# SEED POTATOES—CONTINUED.



## CROWN JEWEL.

This fine potato has had a longer run with us than any other sort that we have ever catalogued. In form it resembles the "Beauty of Hebron." It was introduced by an Eastern house six or seven years ago, and by them was called a self-seedling of the Early Ohio. It is very early, a wonderful cropper. The skin is white, having a rosy tint close to the eyes, and occasionally this rosy color extends well over the whole potato. We know of no variety that is better than this one for ordinary home use. **Pk. 50c, bu. \$1.00, bbl. \$2.00.**

**EARLY ROSE.**—Pure stock of this well known variety is very hard to get hold of. We consider that ours is as pure as any that can be procured. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**EARLY NORTHER.**—This is a fine new variety of the Early Rose type. If anything it is earlier than the Rose. In color it resembles the Rose. It is very productive, close growing and vigorous. A splendid addition to the list of early varieties. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**

**EARLY EVERITT.**—This is also of the Rose type, and ripens with the Ohio. It is a little more pointed at the ends than the Rose. It is a very abundant cropper, and in quality rivals the Ohio. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**

**POLARIS.**—This variety has become popular for its excellent quality. It cooks as mealy as the old Snowflake. The tubers are of medium size, white skinned and handsome. It crops abundantly. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**

**FREEMAN.**—This variety still holds its own among the newer varieties for excellent quality. It has been widely advertised and is deservedly popular. Our stock is grown from seed furnished by the introducer. **Pk. 50c, bu. \$1.00, bbl. \$2.00.**

**THE SIGNAL.**—This fine early sort originated with Thos. Crane. It was introduced by us at the same time as the Koshkonong. In appearance it is one of the handsomest potatoes grown. The skin is white, shape oblong, flattened at one end, smooth with full eyes. It cooks floury and delicious. It is a good cropper. The vines are strong and vigorous. **Pk. 50c, bu. \$1.00, bbl. \$2.50.**

**EMPIRE STATE.**—A standard main crop, white variety, one of the handsomest and best of the lot. **Pk. 50c, bu. \$1.00, bbl. \$2.00.**

**BURPEE'S SUPERIOR.**—This is an excellent main crop variety. It is similar to Burbank's seedling. **Pk. 50c, bu. \$1.00, bbl. \$2.00.**

**WHITE STAR.**—A good late variety. The tubers are white, oblong, skin russety, size large. A very abundant cropper. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**BURBANK'S SEEDLING.**—The standard white variety. Known everywhere as one of the best. Our stock is pure. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**ST. PATRICK.**—A splendid potato for main crop. It makes large handsome tubers. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**LATE HEBRON.**—This is similar to the early Hebron, but makes a much larger potato. The quality is excellent and it crops abundantly. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**PEERLESS.**—The heaviest cropper of all the late varieties. It is a standard sort on every market. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**ALEXANDER'S PROLIFIC.**—The fine, large, white tubers of this variety, and the great productiveness of it, makes it a great favorite everywhere. **Pk. 50c, bu. \$1.00, bbl. \$2.00.**

**WHITE ELEPHANT.**—One of the largest potatoes grown. It is of excellent quality and very productive. **Pk. 50c, bu. \$1.00, bbl. \$1.50.**

**THE POTATOES** we list are all tried kinds. It will pay you to change your seed, even though you may have seed of your own. Our stock is all carefully grown for seed purposes, from selected stocks, and is bound to give satisfaction.

# SWEET POTATOES.

These potatoes are grown for seed purposes, and have not been kiln-dried. We do not ship until April, as they are apt to freeze and rot. Orders should be placed early, as prices may advance later in the season. Sweet potatoes to go long distances should be sent by express. It costs more, but they spoil very soon and freight is slow sometimes. Pecks cannot be sent by any other way satisfactorily. Do not ask us to ship a peck of Sweets by freight.

**EXTRA EARLY CAROLINA.**—Extra early, bright yellow color, large cropper. Highly recommended, especially for all Northern sections. **Pk. 75c, bu. \$1.00, bbl. \$2.00.**

**EARLY GOLDEN.**—Extra early, larger size than preceding, but not as mealy. Good yielder. **Pk. 75c, bu. \$1.00, bbl. \$2.00.**

**RED BERMUDA.**—Early variety, heavy yielder, light red color, in some sections called Red Yam. **Pk. 75c, bu. \$1.50, bbl. \$2.25.**

**SOUTHERN QUEEN.**—Early, improvement on the White Bahama, or Yam. Large size. **Pk. 75c, bu. \$1.00, bbl. \$2.25.**

**YELLOW NANSEMOND.**—Standard variety for main crop. Good keeper and of fine flavor. **Pk. 75c, bu. \$1.00, bbl. \$2.00.**

**YELLOW JERSEY.**—Similar to the preceding, only shorter and thicker in size. **Pk. 75c, bu. \$1.00, bbl. \$2.00.**

**RED NANSEMOND.**—Differs from the Yellow Nansemond only in color. **Pk. 75c, bu. \$1.50, bbl. \$2.25.**

**RADISH**

**LONG, BRIGHTEST SCARLET, WHITE TIPPED**—This is a new variety, resembling the Early Long Scarlet in shape and size, and is very early, being ready for use 25 days after sowing. It is very handsome, being of the brightest scarlet, tipped with white. A splendid variety for market or home garden.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c. Try it.

**GLASS RADISH**—So named on account of its flesh, which is a transparent white, crisp, mild flavor, and brittle, even when grown to a large size. It is a long radish, pink, with white tip, and is very uniform in growth. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**EARLY WHITE TURNIP**—Flesh pure white, very early. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**EARLY SCARLET TURNIP, WHITE TIP**—An early variety, of handsome appearance, round, deep scarlet, tipped with white. The favorite on the Chicago market. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**LONG SCARLET, SHORT TOP**—A standard early long variety, of good flavor, for family or market use. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**LEONARD'S THREE LEAF**—An improved form of the old Scarlet Olive, so called from the fact that it is ready for use when three leaves beside the seed leaf appear. A splendid market radish. Pkt. 5c, oz. 10c, ¼ lb. 25c.

**WOOD'S EARLY FRAME**—

A good forcing sort. Ten days earlier than the Long Scarlet. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

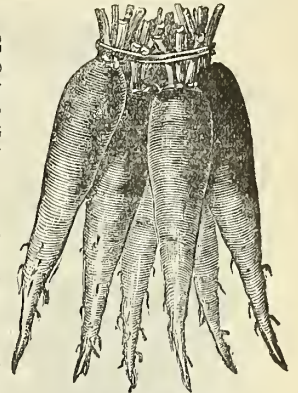
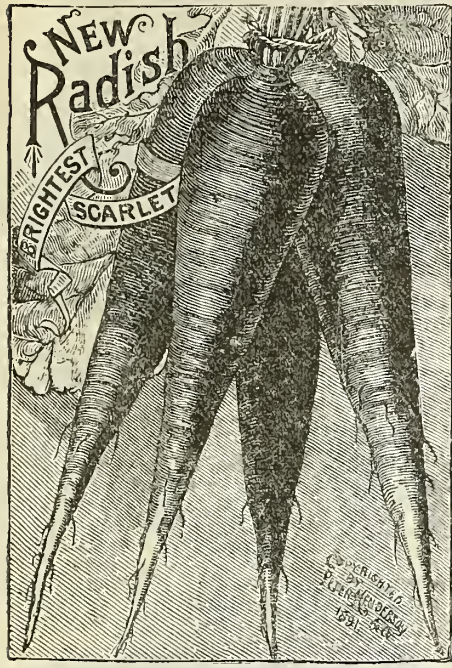
**GRAY SUMMER TURNIP**—A good summer variety. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

**YELLOW SUMMER TURNIP**—Will stand the heat of summer well, and grows to a large size. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

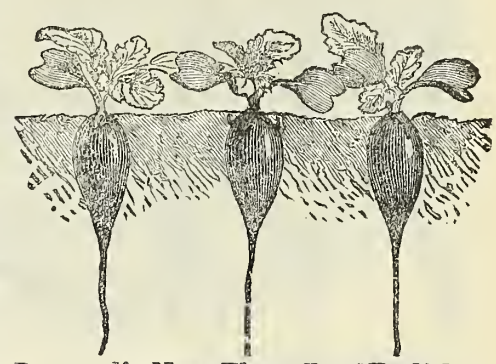
**LONG WHITE VIENNA**—This is the finest long white radish grown. Pkt. 5c, oz. 15c, ¼ lb. 20c, lb. 60c.

**LONG WHITE NAPLES**—Mild flavored, long white variety, for summer and fall. Pkt. 5c, oz. 15c, ¼ lb. 20c, lb. 60c.

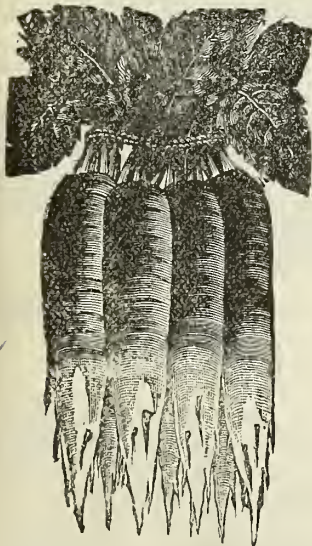
**FRENCH BREAKFAST**—Very crisp and tender, olive shaped, scarlet, white tip. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Glass Radish.



Leonard's New Three Leaf Radish.

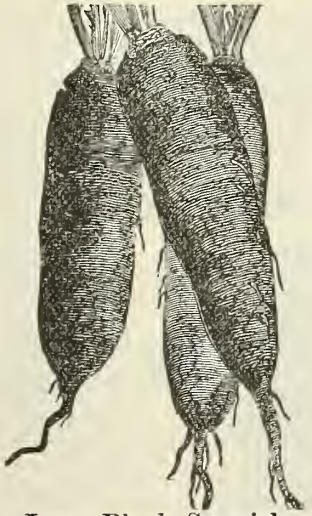


Chartier.

**CHARTIER**—A very distinct variety, being dark red at the top, and merging into a pure white at the base. It stands well, and will grow to a large size before it is unfit for the table. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

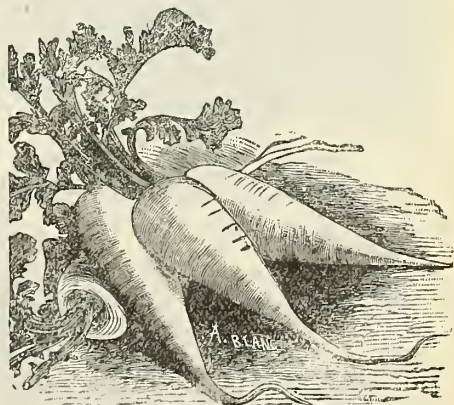


Early Scarlet Turnip.



Long Black Spanish.

**WHITE STRASBURG, OR SUMMER HOSPITAL**—A very large, half-long sort, of unexcelled flavor. It is a rapid grower, sometimes producing a crop in six weeks. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.



White Strasburg.

We also supply the following: Long Black Spanish, Long White Spanish, Round Black Spanish, Scarlet Globe, Scarlet Olive, White Olive, California Mammoth, at the uniform price of, pkt. 5c, oz. 10c, lb. 50c.

**RHUBARB.**

**LINNAEUS**—This is one of the oldest varieties. It is a large, strong grower, has a greener stalk than Victoria, and is not so popular. Pkt. 5c, oz. 10c.

**VICTORIA**—A large growing variety, one of the most popular with market gardeners. It makes a very broad stalk, comes very early in the spring. For home use it is best. Pkt. 5c, oz. 15c.



Sandwich Island Salsify.

**RHUBARB ROOTS.**

Time can be saved by planting the roots of rhubarb. It is the most satisfactory method for the amateur.

We can supply fine, strong roots of either of above varieties, at the following prices.

Prepaid by Mail, 15c each, \$1.50 per Dozen.

Not Prepaid, 75c per Dozen, \$4.00 per 100, \$30.00 per 1,000.

**SALSIFY.**

**MAMMOTH SANDWICH ISLAND**—This variety is a great improvement over the common variety, and is favored by market gardeners on account of its fine appearance. Pkt. 5c, oz. 20c, lb. \$1.50.

**SALSIFY**—(Common). Pkt. 5c, oz. 20c, ¼ lb. 40c, lb. \$1.25.

**SCORZONERA OR BLACK**—This variety is a black, strong-flavored sort of good quality. Pkt. 5c, oz. 15c, ¼ lb. 40c.

**SPINACH.**

**EXTRA-LARGE ROUND THICK LEAVED**—This variety is adapted for both spring and fall sowing, and is one of the best for market and family use. Oz. 5c, ¼ lb. 10c, lb. 30c.

**PRICKLY OR FALL**—This is the best for fall sowing. Very productive. Oz. 5c, ¼ lb. 10c, lb. 30c.

**LARGE LEAVED VIROFLAY**—A good variety of lettuce-leaved Spinach. Best for summer use. Oz. 5c, ¼ lb. 10c, lb. 30c.

**LONG STANDING**—One of the best for market gardeners. It is slow to run to seed. Makes a fine large leaf and is very productive. Oz. 5c, ¼ lb. 10c, lb. 30c.

**SAVOY LEAVED**—A fine sort with wrinkled leaves. It is a favorite with market gardeners. Hardy and prolific. Oz. 5c, ¼ lb. 10c, lb. 30c.



Long Standing Spinach.

**TOBACCO.**

**PRIMUS**—(See cut). This variety is new, and the earliest known. The leaves are large and finely flavored, an abundant yielder, and quick to sell at topmost prices. This variety will mature in the far North before frost can destroy it.

Pkt. 10c, oz. 25c, lb. \$2.50.

**WHITE BURLEY**—Very early. Pkt. 5c, oz. 25c.

**BURLEY KENTUCKY WHITE**—Very popular in the West. Pkt. 5c, oz. 25c.

**BRAZILIAN AMERICAN**—Excellent for cigars and pipe tobacco. Our stock is the finest of Brazilian grown. Pkt. 5c, oz. 25c.

**CONNECTICUT SEED LEAF**—The best sort for cigar wrappers. Try it.

Pkt. 5c, oz. 10c, lb. \$2.50.

**HAVANA**—This is the genuine article, and is first-class. Pkt. 5c, oz. 25c, lb. \$2.50

**OHIO**—White leaved. A large yielder. Pkt. 5c, oz. 25c, lb. \$2.50.

**YELLOW ORONOKA**—A fine yellow variety. Very mild. Pkt. 5c, oz. 25c.

**WHITE STEM ORONOKA**—Same as Yellow Oronoka, with white leaves.

Pkt. 5c, oz. 25c.

**PENNSYLVANIA SEED LEAF**—This is the variety mostly grown for cigars and is of fine quality and excellent flavor. Pkt. 5c, oz. 25c, lb. \$2.50.

**PERSIAN ROSE**—A fine brand for cigars. Sells well. Pkt. 5c, oz. 25c.

**YELLOW PRYOR**—A fine yellow sort, and succeeds well where others fail.

Pkt. 5c, oz. 25c, lb. \$2.50.

**BLUE PRYOR**—This is the genuine article, and a good sort. Pkt. 5c, oz. 25c.

**GENERAL GRANT**—Very early, and a good yielder. Pkt. 5c, oz. 25c, lb. \$2.50



Primus Tobacco.

**TWO GOOD SQUASHES.****DER WING SQUASH.**

This new squash was discovered in China a few years ago. It is hardy, productive, and cooks very sweet. The shell is hard and thick, making it a good keeper. Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.

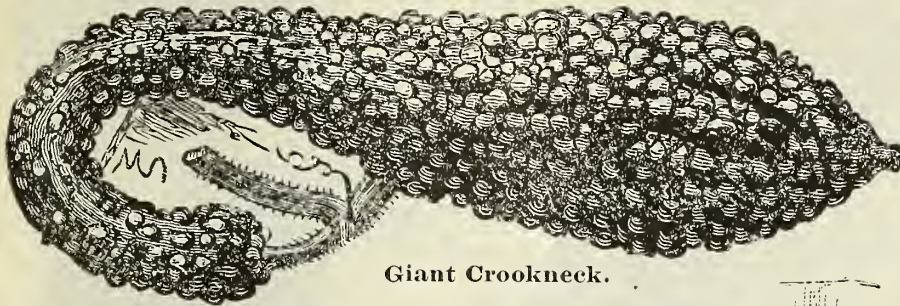
**The Improved Cocozelle Bush Squash.**

This is a distinct type of Bush Squash. The plants grow very compact and uniform in height, and the vines do not run. The squashes are oblong in shape, green and white striped. A remarkable feature of this variety is that the little green squashes, when still very small, only 2 to 4 inches long, are most delicious in flavor.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c



# SQUASH.



Giant Crookneck.

**LEONARD'S GIANT CROOK-NECK**—This strain is a great improvement on the old variety of Crookneck. It is larger and better in every way. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.

**MAMMOTH WHITE BUSH**—The best strain of white scolloped squash in existence. It grows to a large size, and for quality it is simply delicious. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 60c.

**PINEAPPLE**—A handsome-looking, clear-white colored squash. Very early. In shape like a pineapple.

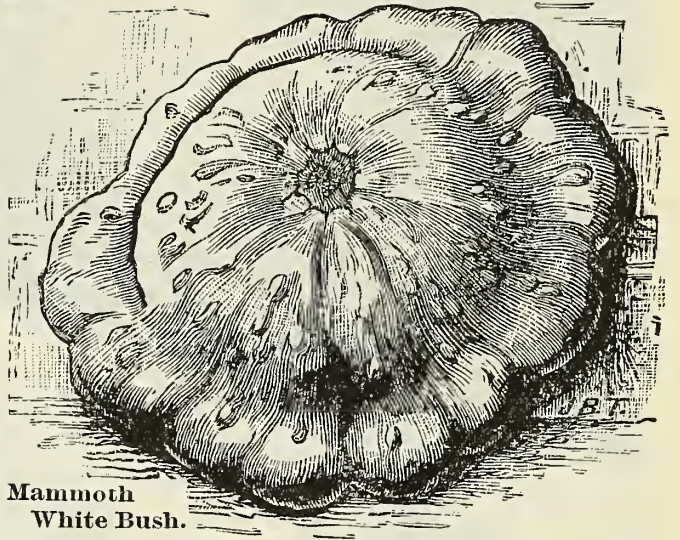
Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**FORDHOOK**—A fine long-keeping sort, of extra choice flavor. Will keep almost as long as the Hubbard.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**MAMMOTH CHILI**—A mammoth grower, of fair quality.

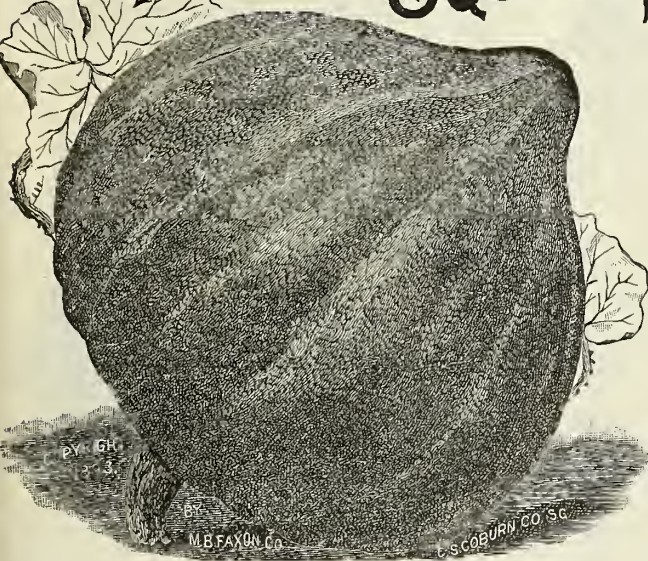
Pkt. 5c, oz. 10c, ¼ lb. 20c.



Mammoth White Bush.

**THE FAXON**—A New squash of excellent merit. Not large, but of handsome appearance. The cut shows the shape. The squashes grow in different colors, but no matter what the color is the quality is always choice. Well worthy of a trial. Pkt. 5c, oz. 10c, ¼ lb. 25c.

## THE FAXON SQUASH

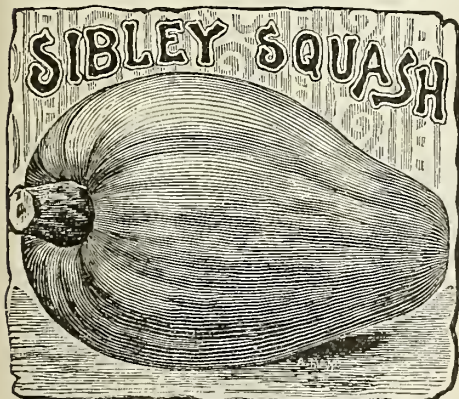


**LEONARD'S GOLDEN HEART**—Without doubt this is the finest flavored squash ever grown. It is heart shaped, medium sized, of a beautiful golden-yellow color, having green shading on its slightly ribbed surface. The cut is from a photograph. We call this squash the very best for home use.

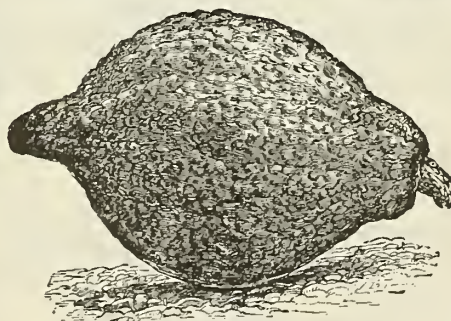
Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



Golden Heart.



**SIBLEY OR PIKE'S PEAK**—A very choice flavored, long-keeping squash. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

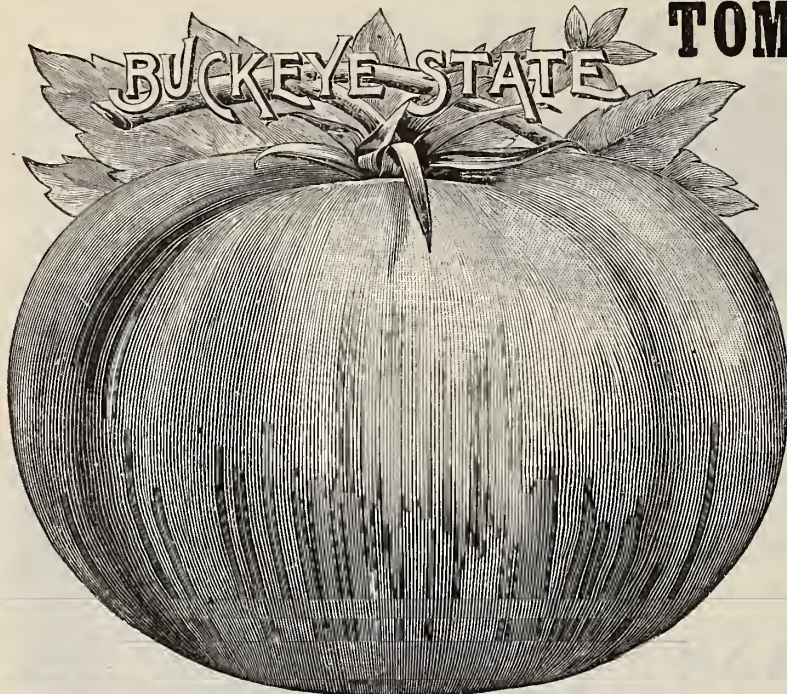


Orange Marrow.

**HUBBARD**—The standard winter squash, well-known by every one. Our stock of this squash is extra selected, and is bound to give every satisfaction. Pkt. 5c, oz. 10c, lb. 50c.

**ORANGE MARROW**—The best strain of summer and fall squashes. Good for pies. In much demand by the bakeries of Chicago.

Pkt. 5c, oz. 10c, lb. 50c.



# TOMATO.

**BUCKEYE STATE**—A mammoth growing tomato of smooth form and extra quality. The largest fruited variety yet introduced. Pkt. 5c, oz. 25c, ¼ lb. 75c.



**YELLOW PEACH**—A very beautiful variety having a skin similar to a peach in texture, and of a deep lemon-yellow. Pkt. 5c, oz. 25c, ¼ lb. 90c.

**ACME**—One of the best standard sorts. Of a fine crimson-purplish color. Shape is smooth, size large and uniform. For the market or home garden no sort is better. Pkt. 5c, oz. 20c, ¼ lb. 60c, lb. \$1.75.

**ESSEX HYBRID**—Similar to the Acme in color and general appearance, but is considered a better shipper and keeper. Pkt. 5c, oz. 25c, ¼ lb. 50c.

**SCOVILLE'S HYBRID**—The best deep-red sort, Excellent for canning. Pkt. 5c, oz. 25c, ¼ lb. 50c.

**MIKADO, OR TURNER'S HYBRID**—A most excellent variety. In color like Acme. The vine is strong, vigorous and hardy, having a leaf something like a potato. For either the market or home garden this will be found highly satisfactory. Pkt. 5c, oz. 20c.

**DWARF CHAMPION**—A splendid sort. The vines are upright in habit of growth, strong, hardy and exceedingly productive. For the market gardener this is one of the best. Pkt. 5c, oz. 20c.

**NEW STONE**—A fine, hard, solid tomato of bright scarlet color. For canning it is one of the best. We recommend it highly for home use. Market gardeners in the vicinity of Chicago think highly of it. Pkt. 5c, oz. 20c.



**THE MATCHLESS**—This is a fine new sort, well worth a trial. The fruit is of fine form, solid, and very free from core. The vines are vigorous, producing a great quantity of fruit. All should try this. Pkt. 5c, oz. 20c.



Matchless.

**FAVORITE**—A fine standard variety. It is a good shipping sort, fine for canning. Excellent sliced, good for the market or home garden. Pkt. 5c, oz. 20c, ¼ lb. 50c.

**PERFECTION**—Of good size, color red. An early ripener. Almost round, smooth and solid. Very productive. Pkt. 5c, oz. 20c, ¼ lb. 75c.

**BEAUTY**—One of the finest tomatoes grown. It ripens early, is of good size. Vines are strong, vigorous and productive. For any purpose for which a tomato is used, the Beauty will be found admirable. Pkt. 5c, oz. 20c, ¼ lb. 50c.

**WE SUPPLY THE FOLLOWING WELL-KNOWN KINDS:**

Paragon	Volunteer	Ignotum	Red Cherry	Yellow Plum	Trophy	} At the uniform price of Pkt. 5c, oz. 20c.
Optimus	Prelude	Red Pear	Red Currant	Excelsior	Conqueror	

**ROYAL RED**—A fine new tomato. Medium size, smooth, solid. Pkt. 5c, oz. 20c.

**GOLDEN QUEEN**—A fine large yellow-skinned tomato of splendid flavor. Good for slicing with the red for contrast. Pkt. 5c, oz. 20c.

**HUSK, OR GROUND CHERRY**—This is a small-sized fruit grown within a husk. It is valuable for preserving, for making into pies, or for eating from the hand. There are two colors, either of which we can supply as follows:

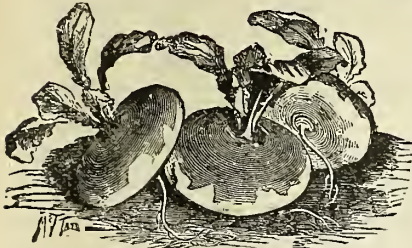
Yellow Husk Tomato, pkt. 5c, oz. 35c.  
Purple Husk Tomato, pkt. 5c, oz. 35c.



Husk Tomato.



# TURNIP.



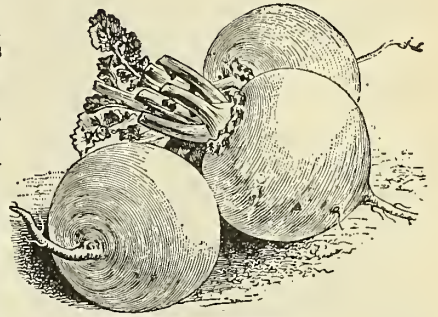
Purple Top Milan.

**PURPLE TOP MILAN**—This variety belongs to the strap-leaved class. Flat in shape, and is of excellent quality. It is claimed to be even earlier than the Munich.  
Postpaid, pkt. 5c, oz. 10c, lb. 75c.

**EARLY WHITE FLAT DUTCH**—The best for spring sowing.  
Pkt. 5c, oz. 10c, lb. 50c.

**EXTRA-EARLY PURPLE TOP MUNICH**—Similar in size and shape to Purple Top Milan. Very early.  
Pkt. 5c, oz. 10c, ¼ lb. 20c.

**EARLY SNOWBALL**—Pure white, with flesh of very fine flavor. It is very early, and especially good for home and market on account of its fine shape and appearance.



Early Snowball.

Pkt. 5c, oz. 10c, lb. 60c.

**RED TOP STRAP-LEAF**—A very popular variety for early use. Of fine flavor and rapid growth. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**WHITE EGG**—A fall Turnip of rapid growth, oval shape, and fine firm flesh, which is pure white and exceedingly mild.

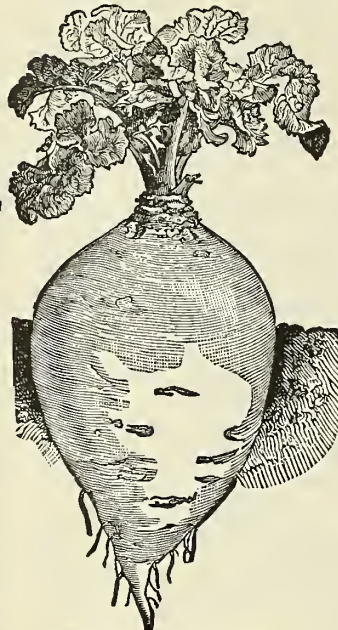
Pkt. 5c, oz. 10c, lb. 50c.

**PURPLE TOP WHITE GLOBE**—An early globe-shaped variety, somewhat like the Red Top Strap-Leaf. A very large yielder.

Pkt. 5c, oz. 10c, lb. 50c.

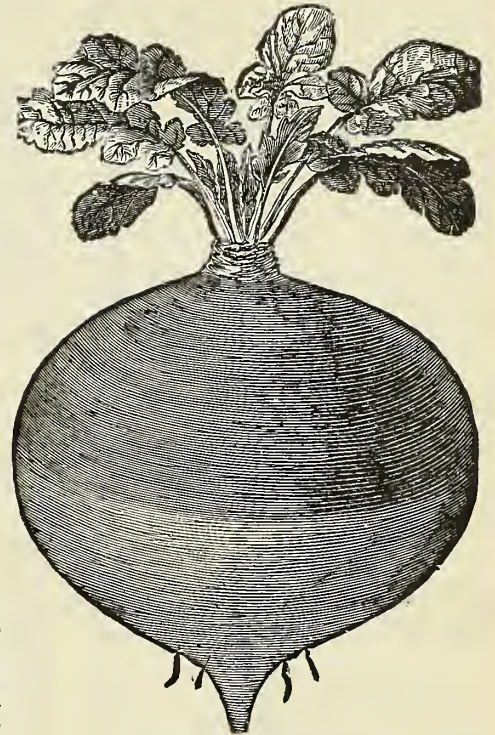
**YELLOW ABERDEEN**—A good quality, of pale yellow color, with purple top. A good keeper, flesh very firm.

Pkt. 5c, oz. 10c, ¼ lb. 20c, lb. 60c.



White Rutabaga.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.



Improved American.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

## RUTABAGA.

**WHITE RUTABAGA**—Very hardy and productive. Good keeper with very fine flesh. Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**CARTER'S IMPERIAL HARDY**—An English variety, productive and fine.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**SKIRVING'S PURPLE TOP**—

A very heavy cropper, one of the best for stock. Pkt. 5c, oz. 10c, lb. 50c.

**IMPROVED AMERICAN**—This variety is the best grown for stock; yellow flesh and purple top; a heavy cropper.

**LONG WHITE FRENCH**—An excellent table sort, finely flavored flesh, long keeper.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**SWEET GERMAN**—An excellent variety for stock or table, flesh firm and sweet. Very productive.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

**LAING'S IMPROVED**—One of the earliest Rutabagas, of very good quality. A fine table variety.

Pkt. 5c, oz. 10c, ¼ lb. 15c, lb. 50c.

## LEONARD'S TRANSPLANTED VEGETABLE PLANTS.

WELL GROWN AND LIGHTLY PACKED TO CARRY LONG DISTANCES.

The fact that these plants are all grown from choicest stocks of seeds on our own grounds, is sufficient recommendation as to the genuineness of the varieties. Shipped by express only.

	Per	Per	Per
<b>CABBAGE</b> —Ready, Early and Second Early,	50	100	1,000
April 1st; late, June 10th.			
Extra Early Wakefield.....	\$0.40	\$0.75	\$4.50
Henderson's Early Summer.....	.35	.60	4.50
Fottler's Improved Brunswick.....	.35	.60	4.50
Premium Flat Dutch.....	.20	.30	2.00
Improved American Savoy.....	.25	.40	2.50
Red Drumhead.....	.25	.40	2.50
<b>CELERY</b> —Ready June 20th.			
Dwarf Golden Heart.....	.35	.60	4.00
Perfection Heartwell.....	.35	.60	4.00
White Plume.....	.35	.60	4.00
Turnip Rooted.....	.35	.60	4.00
<b>CELERY</b> —Ready July 1st.	Per	Per	Per
Dwarf Golden Heart.....	100	1,000	10,000
Giant Golden Heart.....	\$0.40	\$2.25	\$10.00
Perfection Heartwell.....	.40	2.25	10.00
White Plume.....	.40	2.25	10.00
New Rose.....	.40	2.25	10.00

	Per	Per	Per
<b>CAULIFLOWER, Early</b> —Ready May 1st.	50	100	1,000
Snowball.....	\$0.40	\$0.75	\$5.00
Extra Early Erfurt.....	.40	.75	5.00
<b>CAULIFLOWER, Late</b> —Ready June 1st.			
Lenormand's.....	.25	.50	2.50
Extra Early Erfurt.....	.25	.50	2.50
Autumn Giant.....	.25	.50	2.50
<b>KOHLRABI</b> —Ready April 10th.			
Early White Vienna.....	.35	.60	....
<b>SWEET POTATO</b> —Ready May 15th.			
Yellow Nansmond.....	....	.35	2.50
<b>EGG PLANT</b> —Ready May 10th.	Per	Per	Per
New York Improved Purple.....	Doz.	50	100
<b>TOMATO</b> —Ready May 10th.	\$0.25	\$0.85	\$1.50
Acme.....	.25	.85	1.50
Favorite.....	.25	.85	1.50
Beauty.....	.25	.85	1.50
Mikado, or Turner's Hybrid.....	.25	.85	1.50

# PRICES OF SEEDS IN BULK

WHEN SHIPPED AT THE EXPENSE OF PURCHASER.

We make no charge for cartage, bags, boxes or packing, *but at these prices buyer must pay all Express or Freight charges.* Small parcels can go by mail if purchaser desires it. In such cases 10 cents for each pound and 15 cents for each quart must be added to these prices to cover postage.

**MARKET GARDENERS OR OTHER LARGE BUYERS SHOULD WRITE FOR SPECIAL PRICES.**

<b>ASPARAGUS.</b>		<b>BEETS—Table.</b>		<b>CARROT—Continued.</b>	
Barr's Mammoth.....	lb. \$0.30	Leonard's Extra Early Egyptian.....	lb. \$0.50	Chanteney (Best for Bunching).....	\$0.60
Conover's Colossal.....	.30	Early Egyptian Blood Turnip.....	.40	Danvers.....	.65
Palmetto.....	.30	Eclipse Blood Turnip.....	.40	Improved Long Orange.....	.50
Columbian Mammoth White.....	.65	Lentz Early Blood Turnip.....	.40	Long White Belgian.....	.40
<b>BEANS—Dwarf or Bush.</b>		Edmand's Early Blood Turnip.....	.40	Saint Valery.....	.60
Burpee's Bush Lima.....	bu. 6.00	Early Blood Turnip Improved.....	.40	Carentan.....	.60
Henderson's Bush Lima.....	4.50	Bastian's Blood Turnip.....	.40	White Vosges.....	.40
Dreer's Bush Lima.....	6.00	Early Flat Bassano.....	.40	Orange Belgian.....	.40
Early Mohawk.....	3.00	Dewing's Improved Blood Turnip.....	.40	<b>CELERIAC.</b>	
Early Improved Red Valentine—		Long Smooth Blood Red.....	.40	Turnip Rooted.....	lb. 1.50
Round Pod.....	3.00	Swiss Chard.....	.40	Apple Shaped.....	1.50
White Valentine.....	3.00	Crosby's Egyptian.....	.50	Large Smooth Prague.....	2.00
Long Yellow Six Weeks.....	3.00	Half Long Blood.....	.40	<b>CELERY.</b>	
Round Yellow Six Weeks.....	3.00	Treviso.....	.40	lb.	
Refugee, or 1,000 to 1.....	3.00	Arlington Favorite.....	.40	New Golden Self-Blanching.....	2.40
Extra Early Refugee.....	3.00	Columbian.....	.40	Crawford's Half Dwarf.....	1.40
White Marrow.....	3.00	<b>BEETS—For Stock.</b>		Dwarf Golden Heart.....	1.40
China Red Eye.....	3.00	lb.		Giant Golden Heart.....	1.65
Best of All.....	3.50	Leonard's Improved Mammoth		Dwarf White Kalamazoo.....	1.40
Dwarf Horticultural.....	3.50	Long Red.....	.25	Arlington Early.....	1.40
Prolific Tree Bean.....	3.00	Long Red.....	.25	Boston Market.....	1.40
Navy Beans.....	2.50	Norbitant Giant Long Red.....	.25	Perfection Heartwell.....	1.65
Improved White Kidney.....	3.00	Yellow Globe.....	.25	New Rose.....	1.65
Goddard, or Boston Favorite.....	2.50	Orange Globe.....	.25	White Plume.....	1.90
Broad Windsor.....	5.50	Golden Tankard.....	.25	New Giant Pascal.....	1.65
Davis Wax.....	4.00	White Sugar.....	.25	Flavoring.....	1.30
Golden Wax.....	3.50	Lane's Imperial Sugar.....	.25	<b>CORN—Sweet.</b>	
Improved Golden Wax Rust Proof	3.50	Vilmorin's Improved Imperial		bu.	
Black Wax.....	3.50	Sugar.....	.25	Extra Early Chicago Market or	
Challenge Black Wax.....	3.50	<b>BROCCOLI.</b>		Ballard.....	2.50
White Wax.....	4.00	oz.		Burlington Hybrid.....	2.00
Prolific German Wax.....	3.50	White Cape.....	.25	White Cob Cory.....	2.50
Wardwell's Kidney Wax.....	3.50	Purple Cape.....	.25	Cory.....	2.00
Leonard's Yellow Eye Wax.....	3.50	<b>BRUSSELS SPROUTS.</b>		First of All.....	2.50
Detroit Wax.....	4.00	oz.		Extra Early Vermont.....	2.50
Black Eye Wax.....	4.00	Dwarf Improved.....	.15	Extra Early Adams.....	2.00
Scarlet Flageolet Wax.....	3.50	<b>CABBAGE.</b>		Early Minnesota.....	2.00
Currie's Rust Proof Wax.....	3.50	lb.		Crosby's Early.....	2.00
Yosemite Mammoth Wax.....	7.00	Extra Early Express.....	1.40	Perry's Hybrid.....	2.00
Pink Eye Wax.....	4.00	Early Etampes.....	1.40	Moore's Early Concord.....	2.00
Refugee Wax.....	3.50	Early Jersey Wakefield.....	1.40	Burbank's Early Maine.....	2.50
German Wax, White Seeded.....	3.50	Early Jersey Wakefield Select.....	2.40	Stabler's Early.....	2.50
Crystal White Wax.....	3.50	Early York.....	1.15	Black Mexican.....	2.00
Speckled Wax.....	4.00	Early Winningstadt.....	1.40	Shoe Peg.....	2.00
Bismarck Black Wax.....	3.50	Henderson's Early Summer Select	1.65	Ne Plus Ultra.....	2.00
<b>BEANS—Pole or Running.</b>		Succession.....	1.65	Country Gentleman.....	2.25
bu.		All Head Early.....	1.90	Pee & Kay.....	2.00
King of the Garden Lima.....	5.00	Leonard's Faultless.....	3.40	Russell's Prolific.....	2.00
Child's Horticultural Lima.....	6.00	All Seasons.....	1.90	Roslyn Hybrid.....	2.00
Early Dutch Case Knife.....	5.00	Fottler's Brunswick.....	1.65	Hickox.....	2.00
London Horticultural Cranberry		Leonard's Bridgeport Drumhead.....	1.90	Champion.....	2.00
Pole.....	5.00	Sure Head (Genuine).....	1.90	Old Colony.....	2.00
White Creaseback.....	5.00	Premium Flat Dutch.....	1.15	Egyptian.....	2.00
Red Speckled Cut Short or Corn		Fottler's Brunswick (Blue Strain)	2.90	Mammoth.....	2.00
Hill.....	5.00	Leonard's Luxemburg.....	3.90	Stowell's Evergreen (True Stock).....	2.00
Kentucky Wonder or Old Home-		Large Late Drumhead.....	1.40	Early None Such.....	2.00
stead.....	5.00	Louisville Large Drumhead.....	1.90	Bonanza.....	2.00
Scarlet Runner.....	5.00	Marblehead Mammoth.....	1.40	Zig Zag Evergreen.....	2.00
Early Golden Cluster Wax.....	6.00	Stone Mason Drumhead.....	1.40	Slakers Early.....	2.00
Golden Butter Wax (Tall Mont		Improved American Savoy.....	1.40	Red Cob Evergreen.....	2.50
D'Or).....	5.00	The Holland.....	3.90	Evergreen for Fodder.....	1.00
Tall German Wax or Indian Chief		Mammoth Red Rock.....	2.40	Livingston's Evergreen.....	2.00
Golden Champion.....	6.00	Early Red Dutch Erfurt.....	1.65	Asylum.....	2.00
Lazy Wife.....	6.00	Red Dutch Drumhead.....	1.65	<b>CUCUMBER.</b>	
Southern Prolific.....	5.00	Charleston Large Wakefield.....	2.50	lb.	
Carolina Small White Lima.....	5.00	Early Dwarf Flat Dutch.....	1.40	Peerless Improved White Spine ..	.40
White Dutch Runner.....	5.00	German Filderkraut.....	1.40	Extra Long White Spine.....	.40
New Jersey Extra Early Lima.....	5.50	Early Large Schweinfurt.....	1.40	Evergreen White Spine.....	.50
Dreer's Improved Lima.....	6.00	<b>CARROT.</b>		Improved Early White Spine.....	.40
Large White Lima.....	5.00	lb.		Improved Arlington White Spine.....	.40
Challenge Lima.....	5.00	Early French Forcing.....	.80	Early Russian.....	.40
Giant Red Wax.....	5.00	Early Scarlet Horn.....	.60	Early Frame or Short Green.....	.40
		Guerande or Ox Heart.....	.65	Early Cluster.....	.40
		Half Long Stump Rooted Nantes	.70		

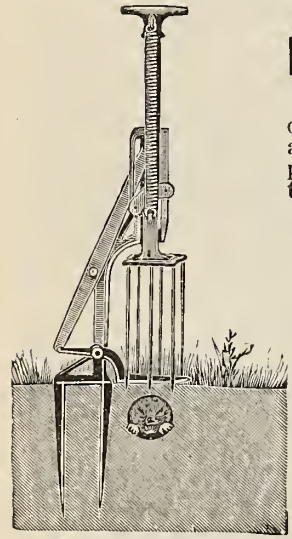


## BULK LIST—Continued.

<b>CUCUMBER—Continued.</b>	lb.	<b>MELON—Water—Continued.</b>	lb.	<b>PARSLEY.</b>	lb.
Green Prolific or Boston Pickling	\$.40	Dark Icing or Ice Rind	\$.40	Double Curled	\$.40
Westerfield's Improved Chicago Pickle	.40	Florida Favorite	.40	Champion Moss Curled	.50
Jersey Pickling	.40	Jumbo	.40	Fern Leaved	.60
Parisian Pickling	2.00	Johnson's Christmas	.40	Plain	.40
Thorburn's New Ever-Bearing	.40	Cuban Queen	.40	Hamburg Rooted	.40
Nichols' Medium Green	.40	Green and Gold	.40		
Improved Long Green	.40	Phinney's Early	.40	<b>PARSNIP.</b>	lb.
Giant Pera	.60	Vick's Early	.40	Guernsey Improved	.40
West India Gherkin	1.00	Mountain Sweet	.40	Hollow Crown	.40
Japanese Climbing	2.00	Delaware	.40	Market Gardeners'—Very Select	.50
Cool and Crisp	.60	Scaly Bark	.40		
		Ferry's Peerless	.40	<b>PUMPKIN.</b>	lb.
<b>LEEK.</b>	lb.	Kentucky Wonder	.40	Leonard's Mammoth Prize	.60
London Flag	1.00	The Boss	.40	Dunkard Winter	.60
Large American Flag	1.00	Seminole	.40	Mammoth Potiron	.60
Rouen—Large Winter	1.00	Kolb's Gem, the great shipper	.40	Jonathan	.60
Large Musselburg	1.00	Hungarian Honey	.40	Cashaw or Crookneck	.40
		Ice Cream	.40	Tennessee Sweet Potato	.40
<b>LETTUCE.</b>	lb.	Pride of Georgia	.40	Mammoth Tours	.60
Tilton's White Star	1.00	Ruby Gold	.40	Japanese Pie	.60
Grand Rapids (Forcing)	1.00	Citron Red Seeded	.40	Nantucket Sugar	.60
Early Curled Silesia	1.00	Sweet Heart	.60	Large Cheese	.40
Early Curled Simpson, W. S.	1.00			Connecticut Field—Large Yellow	.20
Early Curled Simpson, Black Seed	.90	<b>ONION SEED.</b>	lb.	Winter Queen	.50
Early Tennis Ball, White Seed	1.00	Early Yellow Cracker	2.00	Winter Luxury	.50
Early Tennis Ball, Black Seed	1.00	Extra Early Flat Red	.85	White Cushaw	.60
Boston Curled	1.00	Large Red Weathersfield	.75	Golden Oblong	.60
Hubbard's Market	.90	Yellow Danvers Flat	.50	Gray Bologne	.60
Tomhannock	1.00	Yellow Globe Danvers	.60	Banana	.60
All-the-Year-Round	1.00	Leonard's Yellow Globe	1.25		
Deacon	1.00	Michigan Yellow Globe	.60	<b>RADISH.</b>	lb.
Philadelphia Butter	1.00	Yellow Dutch, or Strasburg	.65	Leonard's Three Leaf	.60
Improved Hanson	1.00	Southport Red Globe	.75	Early Deep Scarlet Turnip Forcing	.60
Salamander	1.00	Southport Yellow Globe	.75	Scarlet Turnip, White Tip Forcing	.60
Henderson's New York	1.00	Southport White Globe	1.50	Ne Plus Ultra	.60
Defiance Summer	1.00	White Portugal—American Silver Skin	1.50	Early Scarlet Turnip	.40
St. Louis Head	.90	Phila.—White Silver Skin	1.40	New Deep Scarlet Turnip	.40
Denver Market	1.00	Prize Taker—Yellow	1.25	Scarlet Globe, Vick's	.40
Frankfort Head	1.00	Early White Queen	1.25	Rosy Gem	.35
Silver Ball	1.00	Early White Barletta	1.25	Early White Turnip	.40
Buttercup	1.00	Early White Pearl	1.25	White Box	.40
Early Prize Head	1.00	Giant White Tripoli	1.25	Scarlet Turnip, White Tip	.35
Brown Dutch	1.00	Early Neapolitan Marzajola White Silver Skin	1.25	French Breakfast	.40
Large White Summer Cabbage	1.00	Mammoth Silver King	1.25	Very Small Early Yellow Turnip	.60
California Cream Butter	1.00	Mammoth Spanish King	1.25	Scarlet Olive	.50
New Chartier Head	1.00	Mammoth Copper King	1.00	White Olive	.60
Paris White Cos	1.00	Giant Rocca	1.00	Half Long Deep Scarlet	.75
Blonde Blockhead	1.00	White Victoria	1.25	Long Brightest Scarlet White Tip	.50
Big Boston	.90	Red Victoria	1.00	Wood's Early Frame	.40
		Red Bermuda	1.25	Long Scarlet Short Top	.40
<b>MELON—Musk.</b>	lb.			Chartiers	.40
New Orleans or Creole	.40	<b>PEAS.</b>	bu.	White Summer Turnip	.50
Columbus	.40	Leonard's First and Best	3.00	Gray Summer Turnip	.50
Skillmann's Netted	.40	Maud S.	3.00	Yellow Summer Turnip	.50
White Japan	.40	Philadelphia Extra Early	3.00	White Strasburg	.40
Bay View	.40	Tom Thumb	5.00	Long White Vienna	.40
Improved Cantaloupe	.40	Alaska	3.00	Long White Naples	.50
Netted Gem	.40	American Wonder	4.00	Long White Spanish	.40
Emerald Gem	.40	Extra Early Premium Gem	4.00	Long Black Spanish	.60
Early Nutmeg	.40	McLean's Little Gem	4.00	Round Black Spanish	.40
Hackensack	.40	McLean's Advancer	4.00	Giant Stuttgart White	.50
New Early Hackensack	.40	Nott's Excelsior	5.00	China Rose Winter	.65
Chicago Market Nutmeg	.40	Shropshire Hero	4.00	China White Winter	.65
Montreal Market Nutmeg	.40	Stratagem	4.00	California Mammoth White Improved	.60
Acme or Baltimore	.40	Telephone	4.00		
Miller's Cream	.40	Duke of Albany	5.00	<b>RUTA BAGA.</b>	lb.
Osage	.40	Horsford's Market Garden	3.50	Improved American	.40
Surprise	.40	Pride of the Market	5.00	Carter's Imperial Hardy	.40
Netted Green Citron	.40	Sharpe's Queen	5.00	Sweet German	.40
Shumway's Giant	.40	Bliss Ever Bearing	3.50	Laing's Improved	.40
Vine Peach	.40	Bliss Abundance	3.50	Improved White	.40
Pomegranate	.40	Champion of England	3.00		
Jersey Belle	.40	Dwarf Gray Sugar—Edible Pods	4.90	<b>SALSIFY.</b>	lb.
Green-Fleshed Osage	.40	Tall Gray Sugar—Edible Pods	4.00	White Common	1.25
Netted Beauty	.40	Melting Sugar	5.00	Mammoth Sandwich Island	1.40
Chicago Little Gem	.40	French Canner	3.50		
		Black Eye Marrowfat	2.00	<b>SPINACH.</b>	lb.
<b>MELON—Water.</b>	lb.	White Marrowfat	2.00	Extra Large Round Leaf	.10
Dixie, new and very good	.40	Imp. Sugar Marrow	3.00	Savoy Leaved	.12
Mammoth Ironclad	.40	Crane Orion (new)	4.90	Prickly Seed	.10
Georgia Rattlesnake or Gypsy	.40	Crane Fill Pod (new)	4.00	Large Leaved Viroflay	.10
Black Spanish	.40			Long Standing	.10
Light Icing	.40			New Zealand	.10

**BULK LIST-Continued.**

SQUASH.		lb.		TOBACCO-Continued.		lb.		TOMATO-Continued.		lb.		
Leonard's Improved Giant Summer Crookneck.....	\$0.50	Havana .....	oz. 25c.	\$2.50	Red Peach.....	\$2.50	Red Currant.....	2.50	Yellow Plum.....	2.50	Red Cherry.....	2.50
Leonard's Improved Mammoth White Bush Scalloped.....	.50	White Burley.....	oz. 20c.	2.00	(Other varieties on application.)		Yellow Cherry.....	2.50	Husk or Ground Cherry.....	2.50	Purple Husk.....	2.50
Summer Crookneck.....	.40	<b>TOMATO.</b>		lb.	Ponderosa.....	3.00	Potato Leaf.....	2.50	Red Pear.....	2.50	Matchless.....	2.50
Early White Bush.....	.40	Atlantic Prize.....	2.00	2.00	Royal Red.....	2.00	Extra Early Milan Strap Leaf....	.65	Early White Flat Dutch.....	.40	Purple Top Strap Leaf.....	.40
American Turban or Essex Hybrid	.40	New Stone.....	2.00	2.00	Dwarf Champion.....	2.00	Purple Top White Globe.....	.40	Early Snowball.....	.40	White Egg.....	.40
Butman.....	.40	Buckeye State.....	2.00	2.00	Livingston's Beauty.....	2.00	Yellow Aberdeen.....	.40	Golden Ball or Orange Jelly.....	.40	Yellow Aberdeen.....	.40
Colvin's Orange Marrow.....	.40	Ignotum.....	2.00	2.00	Livingston's Favorite.....	2.00	Seven Top (for greens).....	.40	Cow Horn or Long White.....	.40	Golden Ball or Orange Jelly.....	.40
Marblehead.....	.40	Mikado or Turner's Hybrid.....	2.00	2.00	Livingston's Perfection.....	2.00	Large White Norfolk.....	.40	Pomeranian White Globe.....	.40	Seven Top (for greens).....	.40
Mammoth Chili.....	.50	Volunteer.....	2.00	2.00	Acme.....	2.00						
Boston Marrow.....	.40	Early Optimus.....	2.00	2.00	Early Essex Hybrid.....	2.00						
Sibley or Pike's Peak.....	.50	Dwarf Champion.....	2.00	2.00	Paragon.....	2.00						
Fordhook.....	.50	Livingston's Beauty.....	2.00	2.00	Early Ruby.....	2.00						
Pineapple.....	.50	Livingston's Favorite.....	2.00	2.00	Trophy.....	2.00						
Hubbard.....	.40	Livingston's Perfection.....	2.00	2.00	Golden Queen.....	2.00						
Vegetable Marrow.....	.50											
Strickler Summer.....	.40											
Leonard's Warty Hubbard.....	.50											
Leonard's Golden Heart.....	.50											
<b>TOBACCO.</b>		lb.										
Connecticut Seed Leaf....	oz. 10c.	2.00										



**DEAN'S MOLE TRAP**

This is one of the most effective of all traps. It is easily adjusted, and never fails to get the mole when properly placed. Directions for setting on each trap.

Price, \$1.00.

**THE NEW MODEL SEED DRILL.**

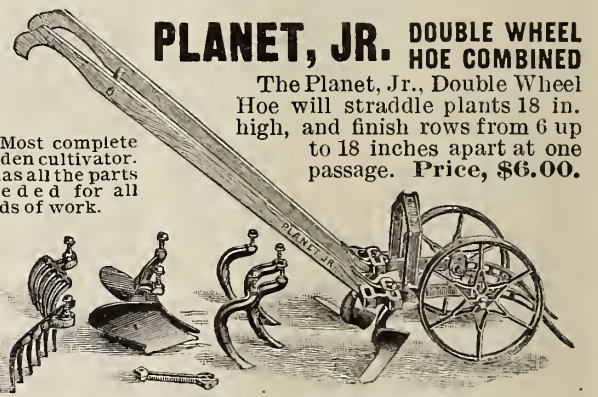
The most satisfactory Seed Drill made.



NEW MODEL SEED DRILL,

Among the Chicago market gardeners ten of these drills are used for every one of any other kind. The diamond shaped adjustable hole regulates the discharge, and can be made larger or smaller, as occasion requires. No other drill has this advantage. The seed cut-off claps up underneath the hole; it does not slide under the same as in other similar drills; on this account it does not clog nor cut the seed. It has a broad wheel and a covering roller. The opening plow is adjustable in depth. The whole make-up of the drill is simple. It can be worked by any one.

PRICE, \$5.50.



**PLANET, JR. DOUBLE WHEEL HOE COMBINED**

The Planet, Jr., Double Wheel Hoe will straddle plants 18 in. high, and finish rows from 6 up to 18 inches apart at one passage. Price, \$6.00.

Most complete garden cultivator. It has all the parts needed for all kinds of work.

PLANET, JR., DOUBLE WHEEL HOE COMBINED.

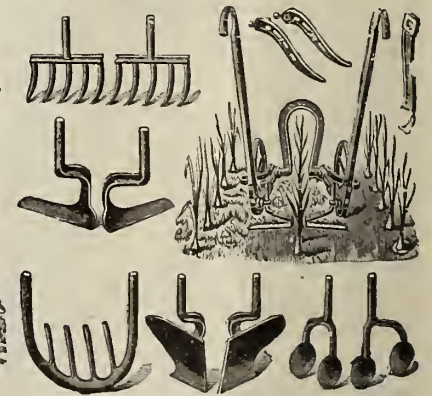
**THE MCGEE CULTIVATOR.**

The most practical of all Hand Cultivators. We have never sold a tool that gives better satisfaction.

One of each, **MACEE and MODEL,** \$9.00.



MCGEE CULTIVATOR.



EXTRA PARTS FOR MCGEE.

No market gardener, farmer or fruit grower should be without it. As may be seen in picture, it straddles the row, cultivating on each side at one time. It works on a spring and may be brought up to or away from the plant at will. Is easily operated. More than 500 of them now in use by the Chicago gardeners.

**CULTIVATOR, with Weeding Knives and Cultivating Blades, \$3.75**

OTHER PARTS ARE EXTRA.

Onion Puller, 65c. Plows, \$1.25 per pair. Scroll Knives, \$1.00 per pair. Rakes, \$1.00 per pair. Leaf Guards, 60c. per pair.

FOR OTHER TOOLS SEE PAGES 76, 77 AND 78.

# FIELD CORN.

**EXTRA EARLY HURON DENT.**—After two years' trial on a large scale we have concluded that this is the earliest Dent corn grown. Good-sized stalk and ear, small red cob, long, deep grain, very rich in oil and starch, and is the only smooth, very early Dent corn known. Ears wonderfully perfect, grained even on both ends of cob; has quick, rank, strong growth and is very productive; it heads the list of all extra early varieties. Our supply is genuine and from the originator's stock, strictly pure and carefully selected. By mail, post-paid, lb. 20c, pk. 40c, bu. 75c.

## PRE-HISTORIC CORN.

**"THE GREATEST NOVELTY OF THE AGE."**

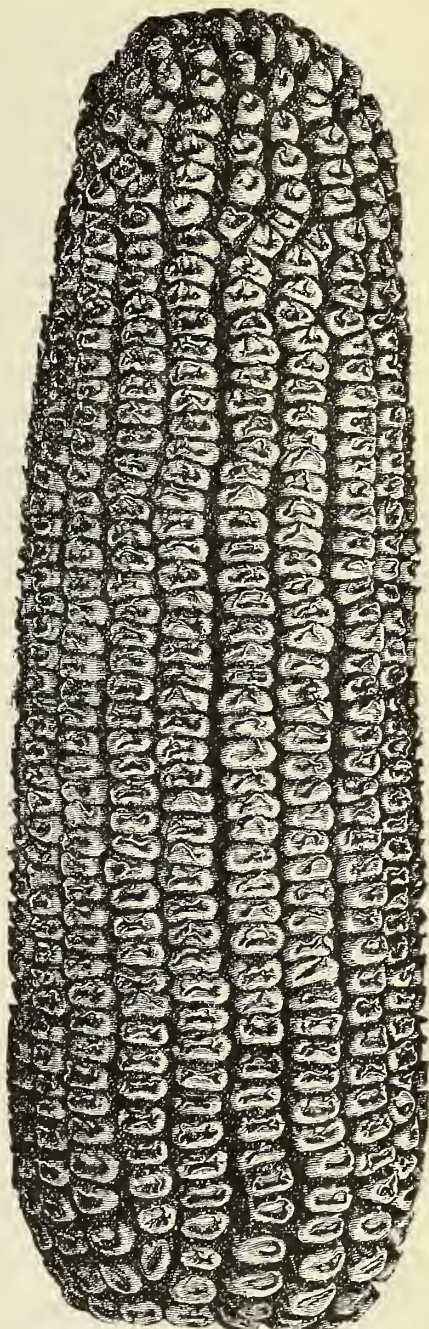
The introducer speaks of it as follows: "After lying buried 3,000 years the seed of this corn is discovered and gives to the present generation the best connecting link with the people who inhabited our country in the dim, distant past."

REV. DR. E. S. CURRY, the discoverer, says: "The Pre-Historic corn has been grown on my farm in Missouri, successively and successfully for eight years. The prevailing color is a beautiful dark bronze, gliding to a light bronze. I have raised stalks 15 feet high, the blades 7 inches broad and 10 feet 5 inches from tip to tip on opposite sides of the stalk, with 11 ears on the stalk. It is a wonderful deep feeder, willingly and from choice sending its roots to the subsoil, and thrusting its roots down deeper during a drought. This year on the same kind of land the stalks and numerous blades it bears remained green through six weeks of the most excessive drought, with hot winds, while the common corn perished the second week."

MR. J. H. BEAGLEY, Sibley, Ill., the well known corn specialist and publisher of the *Corn and Hog Journal*, writes as follows: "I have had this corn fully tested in various parts of the country, and find Dr. Curry's statements regarding its wonderfully luxuriant and prolific qualities fully verified. Ears weighing over a pound were grown in northern Missouri. It grew to perfection in northern Illinois, southern Indiana and in Missouri. Severe storms created great havoc with field corn generally the past season, but the Pre-Historic stood the gales and was uninjured, while others were laid flat on the ground. Its great root growth and strong brace roots, which in some cases have been noticed 26 inches above the soil, enable it to stand firm on the earth. There is no doubt that the old race of men who inhabited this country thousands of years ago were far advanced in agriculture."

The stock is limited this year, consequently it is only offered in packages, but an investment of 25 or 50 cents this year will give you seed enough to plant an ordinary crop next year.

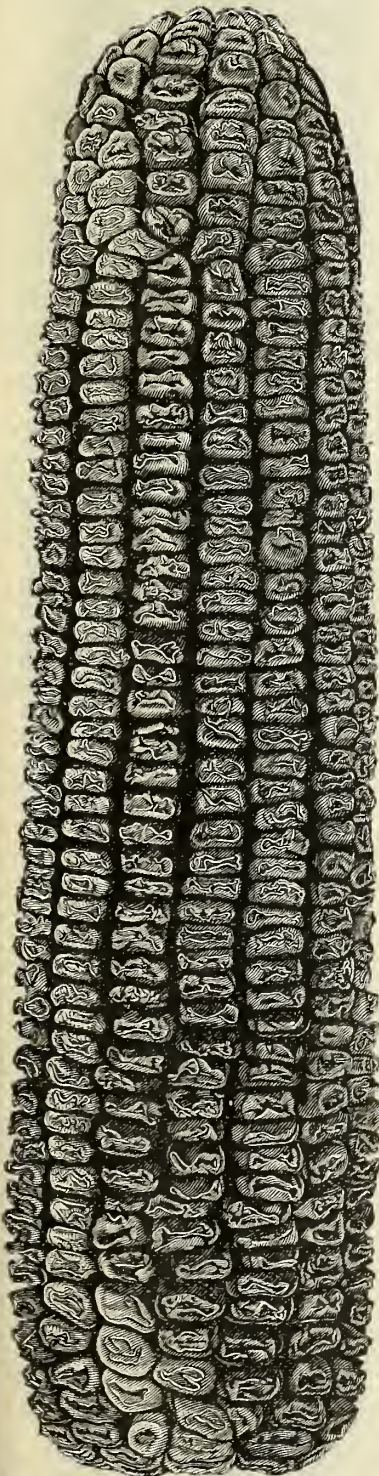
Packages containing 100 grains, 25c.  
 Packages containing 300 grains, 50c.



Extra Early Huron Dent.



Section of Ear of Pre-Historic Corn, showing depth of kernel. Engraved true to nature.



Ear of Pre-Historic Corn. Engraved from nature. An exact representation.

## FIELD CORN

**PRIDE OF THE NORTH.**—This famous corn still retains its popularity as an exceedingly early and prolific variety, always maturing in ninety days; often shelling 62 pounds of grain from 70 pounds of ears. Kernels closely set, large, of deep orange color; cob very small and red; stalks about 7 feet in height. This is, probably, the best Dent corn for general cultivation in the north, and is now largely used in the south and west, as it matures its crop before the hot winds affect it. We offer pedigree seed grown from the original stock with care. This corn is not fully appreciated until the large yield and small percentage of cob to corn are carefully noted. **Lb. 20c, post-paid, pk. 40c, bu. 75c.**

**IMPROVED LEAMING.**—The strain of Leaming we offer is not the tall southern variety, but a strain that is very early, often maturing in ninety days. The stalk is very leafy and stocky, often bearing two large ears. Grain yellow, deep and compactly set on small cob. The Leaming has been more largely grown and given more general satisfaction than any corn ever offered. Its luxuriant growth of fodder makes it especially valuable in sections subject to droughts. Our stock is from a grower who makes this magnificent variety one of his specialties, and has by careful selection brought it up to a very high standard.

**Lb. 20c, post-paid, pk. 40c, bu. 75c.**

## THE IOWA SILVER MINE.

**THE IOWA SILVER MINE** is a splendid new white corn. We believe that in its yield it will surpass all other varieties of any color. In 1894, the poor corn year, only three-fourths of an acre was planted, yet it yielded just seventy-three bushels, or at the rate of ninety-seven and one-third bushels to the acre. It has no barren stalks. The ears are very even in size, being but little smaller at the tip than at the butt, and corn is well filled out over the tip. Seventy pounds of corn in the ear will make sixty-two pounds shelled. It is in every way a distinct type of corn, and possesses many of the characteristics which have made the Iowa Gold Mine so popular, while the ear is larger.

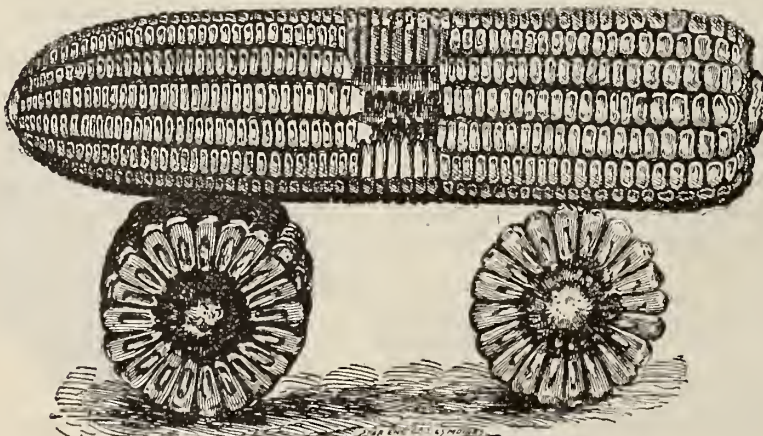
We stake our reputation upon this corn giving excellent and entire satisfaction, and that it is an entirely new origination and not an old sort under a new name. It is hardy, a great drought resister, and summing it all up, **the best White Corn ever introduced**, the acme of perfection, unsurpassed and unsurpassable. Don't fail to try it.

**Large pkt. 5c, lb. 20c, 3 lbs. 50c, post-paid, pk. 40c, bu. \$1.00.**

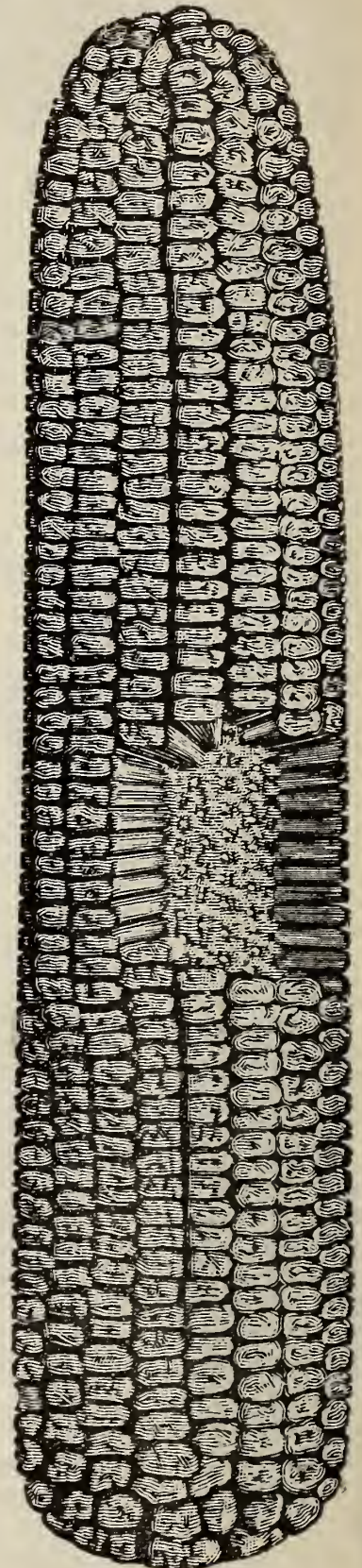
## THE IOWA GOLD MINE.

**A SPLENDID NEW YELLOW CORN.**—Every one who has tried it is enthusiastic in the praise of this splendid new variety which was introduced in 1892. It has everywhere received the most cordial endorsement as the best and most profitable variety ever grown. This variety originated as follows: Six years ago a special premium offer brought sample ears of corn from several hundred farmers and seed growers, and from these we chose the one which was most decidedly the best, and have been selecting and improving it until it is about as near perfection as corn can be made. It is early, ripening only a few days later than Pride of the North; ears are of good size and symmetrical; color a bright golden yellow, as handsome as a twenty-dollar gold coin just from the mint; grain is very deep, cob small, and therefore dries out very quickly as soon as ripe. Seventy pounds of ear corn makes sixty to sixty-two pounds of shelled corn, and in hauling to market it weighs out five bushels more to the wagon load than common varieties in the same size wagon.

**Lb. 20c, 3 lbs. 50c, post-paid, pk. 40c, bu. \$1.00.**

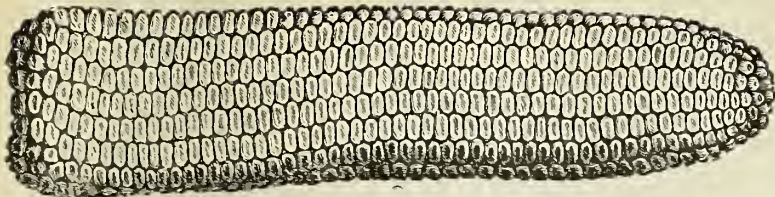


Iowa Gold Mine Corn. (From a photograph.)



Iowa Silver Mine.

# FIELD CORN—CONTINUED.



ripens medium early, with ears seven to nine inches long; a small cob with deep grain, yielding at the rate of 75 to 100 bushels to the acre. Per pkt. 5c,  $\frac{1}{2}$  pt. 10c, pt. 15c, qt. 28c, post-paid; by express or freight, qt. 15c,  $\frac{1}{8}$  bu. 40c, pk. 70c, bu. \$2.50.

**EARLY MASTODON.**—A new Yellow Dent, the largest and earliest in cultivation; has yielded 200 bushels to the acre. Per qt. 25c, pk. 35c,  $\frac{1}{2}$  bu. 60c, bu. 75c.

**GOLDEN BEAUTY.**—A large and broad-grained yellow corn. Ripens early; fills out well at end of cob; heavy yielder. Qt. 25c, pk. 35c,  $\frac{1}{2}$  bu. 60c, bu. 75c.

**CHAMPION WHITE PEARL.**—Originated in Illinois and is enormously productive; a strong grower; matures in about 100 days. The stalk is stout and thick, with large ears set low. Qt. 25c, pk. 35c,  $\frac{1}{2}$  bu. 60c, bu. 75c.

**LONGFELLOW FLINT.**—This is an 8-rowed Yellow Flint variety, the result of careful selection. The ears are from 10 to 15 inches long,  $1\frac{1}{2}$  to  $1\frac{3}{4}$  inches in diameter, are well filled out to the extreme end of cob. The cob is small, kernels large and broad. This corn is well adapted to the northwest, and is said to have produced 200 bu. of ears to the acre in Massachusetts. Large pkg. 10c; lb., post-paid, 35c; by express, pk. 50c, bu. \$1.00.

**KING PHILIP CORN.**—This excellent red colored Flint corn is so well known that it needs no special description. It is an 8-rowed Flint, from 8 to 12 inches long, and with good cultivation will yield 75 bushels per acre. Ripened in North Dakota.

By mail, pkg. 10c, qt. 35c; by express, qt. 20c, pk. 60c, bu. \$1.75.

## POP CORN.

**GOLDEN POP CORN.**—This variety, the ears of which are from 6 to 8 inches in length, is the largest and most productive of this class of corn. Kernels large, rich color, 12-rowed.

**WHITE RICE POP CORN.**—Wisconsin grown. A very fine white variety; ears, 4 to 5 inches in length and 1 to  $1\frac{1}{4}$  in diameter. Kernel clear white, long and pointed at the top, sloping toward tip of ear. Not easy to husk, but quite prolific, and especially salable among the retail grocers in Chicago. It is very desirable for family use, popping out very large and tender.

**RED RICE.**—An excellent popping variety of handsome appearance. Ears 4 to 6 inches long, kernel pointed, color dark red.

**WHITE PEARL.**—Smooth, small-grained; ears 4 to 5 inches long,  $\frac{7}{8}$  to  $1\frac{1}{8}$  inches in diameter. Good for family use or market.

**WISCONSIN EIGHT-ROWED.**—The standard variety for market. Is largely used by pop corn manufacturers. Grain is broad, smooth and pops out large. Yields well and can be husked rapidly. Prices on all of above varieties of pop corn are: Pkt. 5c, pt. 25c, qt. 40c, postage paid.

## KAFFIR CORN.

**KAFFIR CORN.**—A non-saccharine sorghum that has been extensively grown and found valuable. The plant grows from 6 to 7 feet high, is stocky and erect and has wide foliage. It produces 2 to 4 heads of grain on each stalk. These heads are long and narrow and well filled with white grain, which at maturity is slightly flecked with red spots. Kaffir corn has the quality common to all sorghums, of resisting drought, and in this fact is to be found its peculiar value to southern sections. It has yielded paying crops of grain and forage, even in dry seasons, when corn has utterly failed. Compared with other sorghums the Kaffir is found to be early, abundant in yield, reliable in all seasons and for a superior crop for both quantity and quality of its product. Its low and manageable growth, ease of cultivation and harvesting are points distinctly peculiar to it, and in addition to these it is well proven to be less exhaustive to the land. Flour from the Kaffir grain has been found more nearly analogous to wheat than any other grain of its class. It is darker, of course, but is of like texture in the dough and in the cooking. For batter cakes, muffins, etc., it is excellent, and for buckwheat cakes it is considered by many as an improvement on the original. Pk. 5c, lb. 20c, post-paid, 100 lbs. \$3.00.

## BROOM CORN.

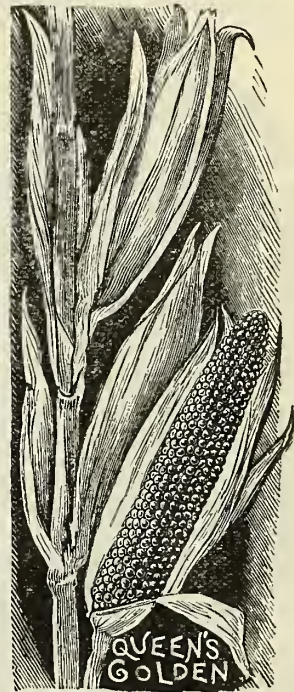
**IMPROVED EVERGREEN.**—By mail, pkt. 5c, by express or freight, pk. 60c, bu. \$1.50.

**EXTRA EARLY JAPANESE.**—By mail, pkt. 5c, by express or freight, pk. 75c, bu. \$3.00.

## FODDER CORN.

**RED COB ENSILAGE.**—A southern type of large white corn, with deep red cob, strong leafy stalks and short joints. Adapted to all sections of the country, and a general favorite with thousands of dairy farmers.

Price, sacks included, pkt. 5c,  $\frac{1}{2}$  pk. 20c, pk. 35c, bu. 60c.



Kaffir Corn.

# A SPLENDID NEW OAT.

## AMERICAN BEAUTY.

This new oat came originally from Russia to O. H. Alexander, of Vermont, who, by a continued selection, has made it one of the finest oats we have. Grain heavy, yield immense, quality fine. The report from New York Agricultural Experiment Station on American Beauty says: "Oats long and taper pointed, average height 3 feet, culm very erect and stout, average length of panicle 9 inches, berry large, one of the most prolific varieties known." Our seed is grown from Vermont stock and averaged 80 bushels to the acre the past season, on our farm in northern Illinois, where the season was not a good one for great yield. Under the circumstances 80 bushels to the acre was a wonderful showing.

D. C. Hicks, of N. Clarendon, Vt., had over twice as much of American Beauty to the acre as he did of WELCOME, BANNER or BONANZA.

1 lb. post-paid 20c, 3 lbs. 45c, pk. 30c,  
bu. \$1.00, bag of 2½ bu. \$2.25, 10 bu.  
\$7.50. Bags free.

### NEW OAT.

## SWEDISH GIANT FLAG.

In 1893 we imported at a high price bushel samples of ten varieties of oats, each variety of which was considered unusually choice. These ten varieties we planted at our Oak Glen farm, and the three varieties which showed the best results we again planted, and picked out the Giant Flag as the most meritorious of the three. In 1895 we succeeded in harvesting a few hundred bushels of it, and sold it here in the store to some of our best oat growers, with the most favorable results. During the season of 1896 we planted largely of it, and now offer it through our catalogue to all who desire one of the finest oats ever introduced. It has out-yielded any variety of oats thus far tried. The cracked-up yielders and prize winners so largely advertised do not compare with it, as our own tests and the tests of veteran oat growers prove.

This is not an old variety renamed; it is not a variety that will yield 400 bushels to the acre, but it is NEW OAT of more merit than any we have ever tried or have had tried. Our farmer is a man of long experience in one of the best oat growing sections of this country. He has grown oats for forty years, has tried all the past noted kinds, also the new kinds cracked up during the past few years, including the prize winners of the cyclonic northwest, and the Giant Flag is superior to any of them.

### TESTIMONIALS.

"The best oat I ever grew."

—ADAM MELZER.

"Has the stiffest, strongest straw of any variety I have ever tried, with the possible exception of your Giant French Hybrid."—HERMAN RUGEN.

"The Giant Flag with me proves itself one of the finest oats for yield that I have ever grown."

—PHILIP SCHOENICK.

"Stands up under all unfavorable weather—is the best yielder I have."

—JOHN CARLIN.

"The grain is long, full and heavy; it outyields any oat I know of."

—WM. SCHOENICK.

"Makes a strong stool, has stiff straw, grows a long, full panicle, and the grain is large and heavy."

—WM. MELZER.

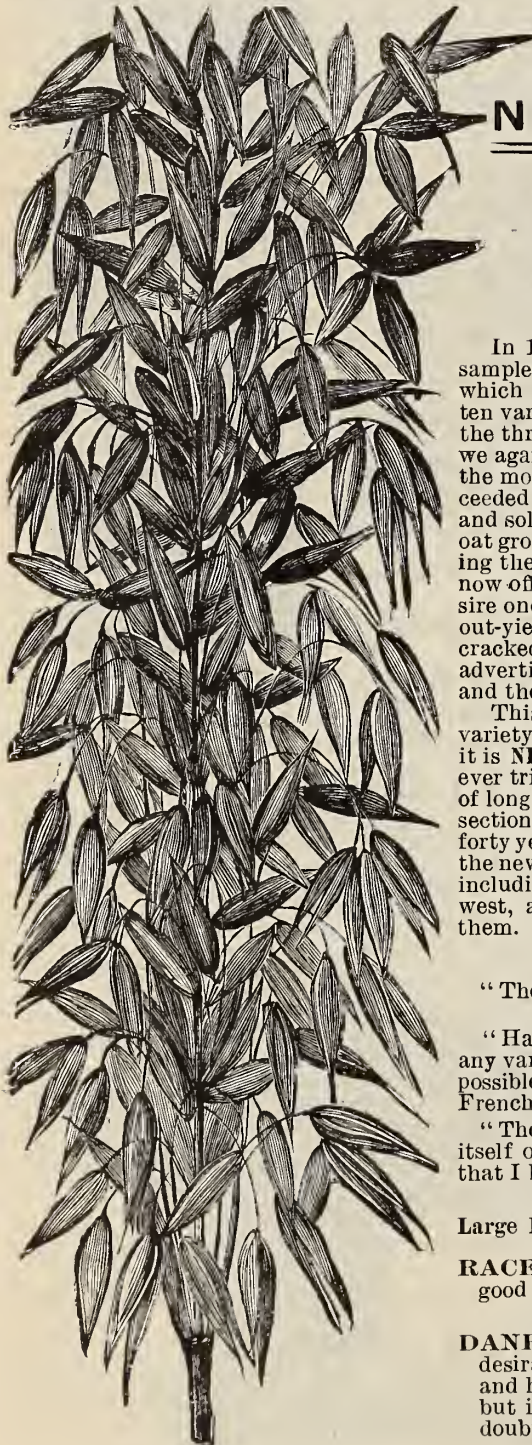
Large Pkt. 5c, lb. 20c, 3 lbs. 50c, bu. \$1.25, bag 2½ bu. \$2.50, 10 bu. \$8.50.

**RACE HORSE OATS.**—A well known oat having a plump, heavy grain of good length. It is early, productive, and one of the good milling oats.

Pkt. 5c, lb. 20c, 3 lbs. 50c, post-paid; pk. 30c, bu. 75c, 10 bu. \$6.50.

**DANEBOURG.**—This is a new oat, recently imported by us, and shows many desirable qualities. We would recommend it for trial. The grain is plump and heavy. With us it is second to the Swedish Giant Flag in productiveness, but it has other qualities which, if brought out by careful growing, would doubtless make it equal to that excellent variety. Quantity limited this year.

Lb. 20c, 3 lbs. 50c, bu. \$1.00.



Giant Flag Oats.



American Beauty.

# GIANT HYBRID FRENCH

# SIDE OATS

## THE GIANT FRENCH HYBRID

This grand oat was introduced by us in 1889, and has made one of the greatest records ever attained by any variety. They grow four to five feet tall, with stiff straw; never lodge, always stool freely, and yield enormously. They have been planted in every section of this country for the past seven years, and abundant proof has been given of their superiority. They suit all locations, and at the Illinois Agricultural College, when tested there, they yielded fifteen bushels more per acre than any of seventeen varieties. They are medium early, and should be planted as soon as ground can be put in shape, in order to get the very best results. It is a long-grained oat.

### THE DEMAND FOR THIS OAT IS ALWAYS LARGE.

On this account your orders should be sent in as soon as possible. Pk. 30c, bu. 75c, 10 bu. \$6.50, 50 bu. \$30.00. Bags free.

**ROYAL VICTORIA.**—This variety is the best yielding of the plump, heavy-grained sorts. It is an exceedingly early variety. For milling it is unsurpassed. The great weight of its grain makes its productiveness one-fourth more than the ordinary kinds, even though it thresh out but the ordinary quantity in measured bushels. Pk. 30c, bu. 75c, 10 bu. \$6.00, 20 bu. \$11.00. Bags free.

**THE LINCOLN OAT.**—A variety of recent introduction. It has been well advertised and has attained a popularity that speaks well for its merits. The stock we offer is from a careful grower, and will give every satisfaction. Pk. 30c, bu. 75c, 5 bu. \$3.00.

**WHITE BONANZA.**—A well known oat of great productiveness. Straw stiff and grain plump. Pk. 30c, bu. 75, 5 bu. \$3.00.

**AMERICAN BANNER.**—A fine variety of long-grained oats. A good yielder. Excellent for feeding or milling.

Pk. 30c, bu. 75c, 5 bu. \$3.00.

**WELCOME.**—A good milling oat, a heavy yielder. The grain is plump and heavy. Pk. 30c, bu. 75c, 5 bu. \$3.00.

**BLACK RUSSIAN.**—The best black oat.

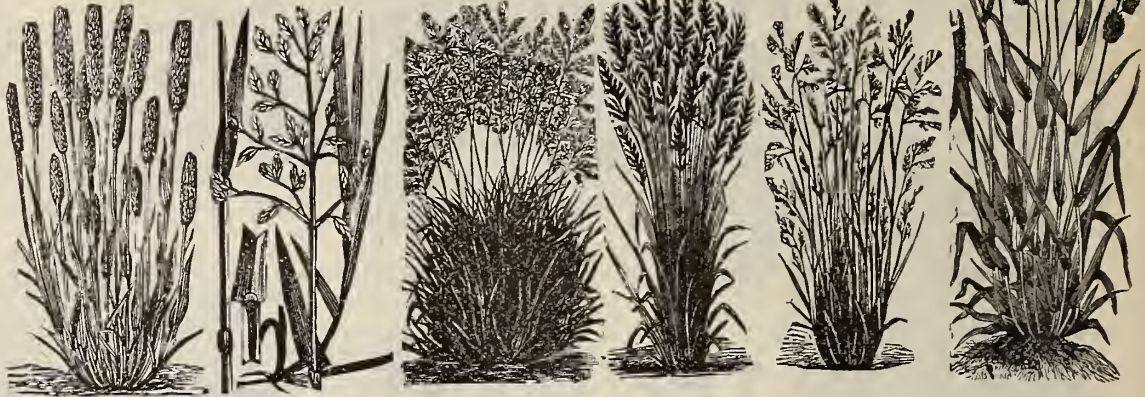
Pk. 50c, bu. \$1.00, 5 bu. \$4 50.



# GRASS DEPARTMENT.

**Please Note** that all Grass Seeds, Clovers, etc., are now priced by the pound and hundred pounds instead of by the bushel. Freight charges and express charges to be paid by purchaser. The prices quoted are those ruling at this date, January 1, 1897, and are subject to change. Market price given upon application.

WRITE TO US FOR MIXTURES FOR PASTURE OR HAY SPECIAL ATTENTION GIVEN TO THIS DEPARTMENT.



MEADOW FOXTAIL. RED TOP. KENTUCKY BLUE. SHEEP'S FESCUE. MEADOW FESCUE. ORCHARD GRASS.

**RED TOP (*Agrostis Vulgaris*).**—A valuable grass for moist soils and low lands. It is a good permanent grass, standing our climate as well as any other, and consequently well suited to our pastures, in which it should be fed close, for if allowed to grow up to seed the cattle refuse it. On moist, rich soil it will grow two feet, and on poor, gravelly soil, about half that height. 14 lb. bu., 2 bu. to acre. Lb. 18c by mail, 100 lbs. \$6.50.

**KENTUCKY BLUE GRASS (*Poa Pratensis*).**—This is known in some sections as "Green Meadow Grass" and "June Grass," but should not be confounded with "*Poa compressa*," called by some "June, or Wire Grass." It is the best pasture for our climate and soil, succeeding finely on hill lands and producing the most nourishing food for cattle, retains its qualities to a late period in winter, and further south, affording abundant food throughout the winter. Sow early in the spring or during the months of October and November.

Fancy clean seed per lb. 25c by mail, 100 lbs. \$8.50.  
**ORCHARD GRASS OR ROUGH COCKSFOOT (*Dactylis Glomerata*).**—This is one of the most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining later in autumn than any other. It grows about two and a half feet high, producing an immense quantity of leaves and foliage. Blooms with red clover, and making with it an admirable hay. It is well adapted for sowing under trees or orchards, and very valuable either for grazing or for hay. 14 lb. bu., 2 bu. to acre.

Per lb. 25c by mail, 100 lbs. \$8.00.  
**TIMOTHY (*Phleum Pratense*).**—This is decidedly the best grass for hay, making a large return of strong, rich hay, of medium state of moisture. Though somewhat coarse and hard, especially if allowed to ripen its seed, yet, if cut in the blossom, or directly after, is greatly relished by all

kinds of stock, and especially so by horses, while it possesses a large percentage of nutritive matter in comparison with other agricultural grasses. It grows very readily and yields very large crops on favorable soils. It can never be used effectively as a pasture grass. 45 lb. bu., 12 lbs. to acre. Write for market price.

Lb. 18c by mail, 100 lbs. \$4.00.  
**ITALIAN RYE GRASS (*Lolium Italicum*).**—A valuable European variety, adapted to any climate, and produces large and nutritive crops.

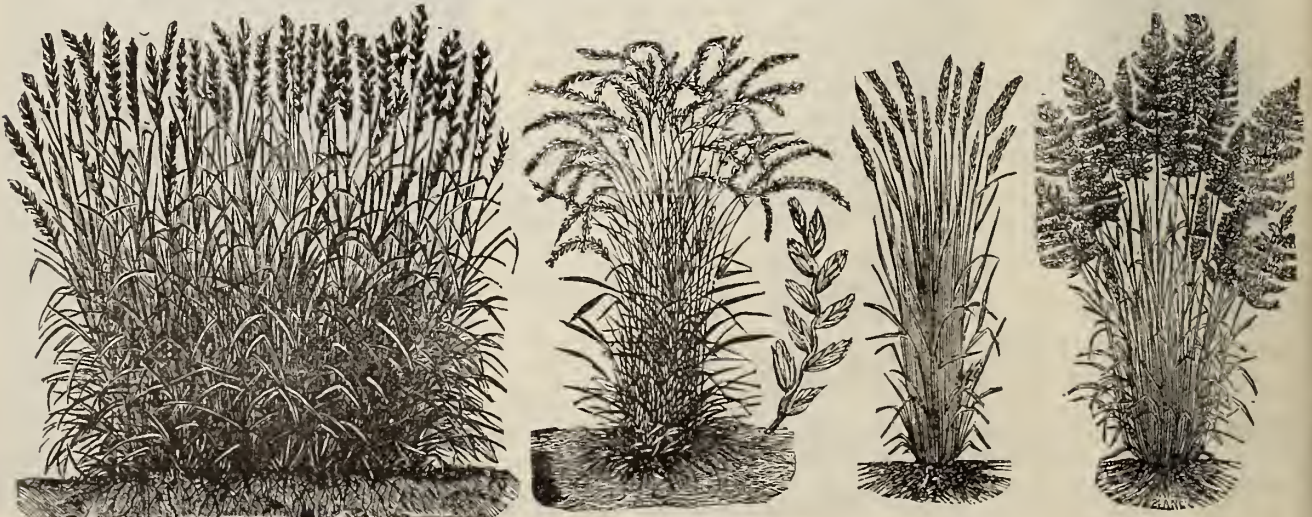
Per bu. (18 lbs.), per lb. 18c by mail, 100 lbs. \$6.50.  
**ENGLISH RYE GRASS (*Lolium perenne*).**—A very nutritious, rapid-growing variety, valuable for meadows and pastures.

Per bu. (24 lbs.), per lb. 18c by mail, 100 lbs. \$6.50.  
**CREEPING BENT (*Agrostis stolonifera*).**—An excellent variety for lawns or pastures; succeeds well in damp soils.

Per lb. 25c.  
**TALL MEADOW OAT GRASS (*Avena Elator*).**—This produces an abundant supply of foliage, and is valuable for pasturage on account of its early and luxuriant growth. It is recommended for hay, and shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop.

Per lb. 35c by mail, 10 lbs. by express \$2.25.  
**SWEET VERNAL GRASS (*Anthoxanthum Odoratum*).**—This grass yields but a moderate percentage of herbage. It is remarkable for giving out a pleasant sweet smell during the process of drying, and it is to the presence of this grass that hay from natural meadows owes its peculiar fragrance. Permanent pastures should not be sown without a portion of this grass.

Per lb. 35c by mail, 10 lbs. by express \$2.25.



ITALIAN RYE. ENGLISH RYE. SWEET VERNAL. HARD FESCUE



**GRASS SEEDS—CONTINUED.**

**RHODE ISLAND BENT** (*Agrostis* var).—Excellent for lawns or pastures. Bushel (12 lbs.) ; **Lb. 30c.**

**WOOD MEADOW GRASS** (*Poa nemoralis*).—A very productive and nutritive grass, adapted for lawns or pastures. Thrives well under trees. **Lb. 50c.**

**YELLOW OAT GRASS** (*Avena Flavescens*).—Good for dry pastures and meadows. About seven pounds to the bushel. **Lb. 30c.**

**HARD FESCUE** (*Festuca Durivivula*).—One of the most desirable dwarf grasses. Excellent for dry soils. **Lb. 30c.**

**MEADOW FESCUE** (*Festuca Pratensis*).—A valuable grass for permanent pastures. Very productive and nutritious. **Lb. 30c.**

**SHEEP'S FESCUE** (*Festuca Ovina*).—An excellent grass for sheep pastures. **Lb. 30c.**

**MEADOW FOXTAIL** (*Alopecurus Pratensis*).—One of the earliest and best pasture grasses. Grows rapidly when cut or eaten down by stock. **Lb. 40c.**

**CRESTED DOGSTAIL** (*Cynosurus Cristatus*).—An excellent grass for hard, dry soils. Valuable for pastures and lawns. **Lb. 40c.**

**LAWN GRASS SEEDS.****SPECIAL MIXTURE OF NATURAL GRASSES ADAPTED FOR GARDEN LAWNS, LAWN TENNIS AND CROQUET GROUNDS.**

**WEST CHICAGO PARKS MIXTURE.**—This is a special mixture prepared by us for Chicago's West Side parks during the past six years. It is composed of those grasses which form an enduring velvety turf, adjusted in such proportions as to enable it to withstand the summer drought and meet the requirements usually expected of the grass in public pleasure grounds. For lawns, tennis courts and croquet grounds it will be found admirable, and with slight variations it can be prepared to suit light, medium or heavy soils. **Lb. post-paid, 35c, 3 lbs. \$1.00, bu. (14 lbs.) \$3.00, 4 bu. \$10.50.** Purchaser to pay freight or express charges; bags free.

**EVERGREEN BRAND.**—This lawn grass has given universal satisfaction to all purchasers, and where beauty of lawn is especially desired it is the perfection of mixture. It is composed of more expensive grasses than the others, and is therefore higher in price. **Lb. post-paid, 40c, 3 lbs. \$1.00, bu. (14 lbs.) \$3.50, 3 bu. \$10.00.** Purchaser to pay freight or express charges; bags free.

**GOOD LAWN MIXTURE.**—For an ordinary yard, where a cheaper mixture is deemed sufficient, we recommend this grass seed. It is well adapted to patching up bare spots where the grass has been trodden off during winter. **Lb. post-paid, 25c, 3 lbs. 65c, bu. (14 lbs.) \$2.10, 5 bu. \$10.00.** Purchaser to pay freight or express charges; bags free.

**CLOVER SEEDS.**

*The prices on clovers constantly change, and it is always best to write for latest market price previous to ordering. But to customers at a distance, who cannot lose the time required to do this, we will say that if prices are lower they will get the benefit, and if prices are higher we will ship all that the money sent will pay for.*

**MEDIUM RED OR JUNE** (*Trifolium Pratense*).—This is by far the most important of all varieties for the practical purposes of agriculture. Sow in spring or fall, and when no other grasses are used, at the rate of eight or ten pounds per acre, more being required on old, stiff soils than on new and lighter ones. Sixty pounds per bushel. **Lb. 20c, post-paid; 100 lbs. \$8.00.**

**MAMMOTH OR LARGE RED** (*Trifolium Pratense*).—It grows five or six feet high, but its stalks are so coarse and large that stock will eat only the leaves. By its judicious use lands which have been exhausted may be reclaimed, as it will grow where the common clover will fail. Sow at the rate of about eight pounds per acre. Sixty pounds per bushel. **Lb. 25c, post-paid; 100 lbs. \$8.00.**

**WHITE DUTCH** (*Trifolium Ripens*).—A small creeping, spreading, perennial variety, valuable for pasture and lawns. It accommodates itself to a variety of soils, but prefers moist ground. In conjunction with Blue Grass it forms the most nutritious food for sheep or cows. Sow in spring at the rate of six pounds per acre, or when used with other grasses half that amount will be sufficient. **Lb. post-paid, 40c, 3 lbs. \$1.00, 100 lbs. \$15.00.**

**ALSIKE OR SWEDISH** (*Trifolium Hybridum*).—This valuable variety is fast gaining great popularity. It is the most hearty of all the clovers; perennial. On rich, moist soils it yields an enormous quantity of hay or pasture, and may be cut several times in a season, but its greatest value is for sowing with other clovers and grasses, as it forms a thick bottom and greatly increases the yield of hay, and cattle prefer it to any other forage. Sow in spring or fall at the rate of six pounds per acre, where used alone. Sixty pounds per bushel.

**Lb. post-paid, 35c, 3 lbs. \$1.00, 100 lbs. \$8.50.**

**BOKHARA** (*Melilotus Alba*).—Sweet clover. This is exceedingly valuable as pasturage for bees. **Lb. post-paid 40c.**

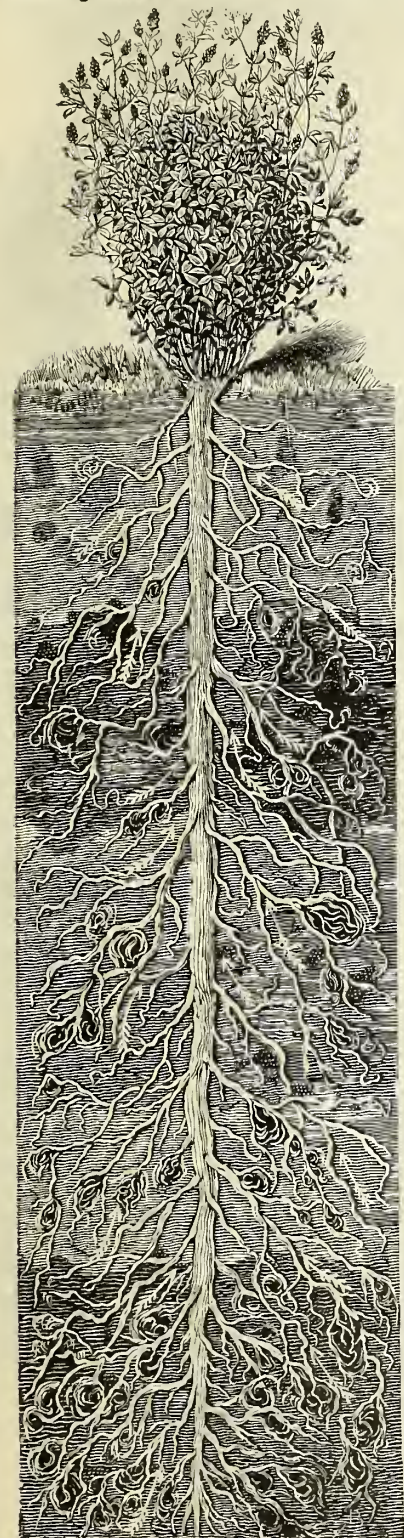
**ALFALFA OR LUCERNE** (*Medicago Sativa*).—One of the best varieties, succeeding in almost every situation and bearing heavy crops of forage. Will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage, but forces its roots down fully three feet into the earth. Sow early in spring to secure a good stand before winter if to be used for pasturage or for curing.

**Lb. post-paid 30c, 10 lbs. by express \$1.00, 100 lbs. \$6.50.**

**MILLET SEED.**

**COMMON MILLET** (*Panicum Miliaceum*).—Requires a dry, light, rich soil, and grows two and a half to four feet high, with fine bulk of stalk and leaves, and is excellent for forage. Sow broadcast from May 1 to June 20 if for seed, or until the last of July if for hay. **100 lbs. \$1.00.**

**GERMAN OR GOLDEN MILLET.**—This variety is not so early as the common millet, but yields a much larger crop. Southern grown seed is much preferred, as it will produce more hay. Northern grown seed is usually hybridized with other millets, and will not grow as tall. We can furnish southern grown seed. **100 lbs. \$1.00.**



Alfalfa Clover.

**HUNGARIAN GRASS** (*Panicum Germanicum*).—A valuable forage plant. Succeeds well on dry, light soil. Withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. **100 lbs. \$1.10.**

## SPRING WHEAT.

**SASKATCHEWAN FIFE.**—This wheat is beyond question the hardest and best milling wheat known. Other favorable features are earliness, vigor of growth, productiveness, purity and healthiness. Adapted to all states where spring wheat can be grown. Post-paid, lb. 25c, 3 lbs. 60c; by express or freight, pk. 40c, bu. \$1.50.

**VELVET CHAFF BLUE STEM.**—This wheat is a distinct variety from all other spring wheats. It is a hald, white chaff, and the chaff has a velvet-like surface, and the stem, just below the head, when green, has a beautiful blue bloom on it, which entirely disappears as the wheat ripens, and then the stem and straw assume a beautiful golden yellow hue, and entirely free from rust. The wheat kernel is of the hard variety, quite similar to the renowned Scotch-Fife, but much more productive, and equal to any spring wheat for milling.

Post-paid, lb. 25c, 3 lbs. 60c; by express or freight, pk. 65c, bu. \$1.50.

## WINTER WHEAT.

Jones' Winter Fife, Red Wonder, Early Red Clawson, Canadian Velvet Chaff, Early Genesee Giant and other varieties kept in stock. Bushel prices on application.

Special prices on quantities of ten bushels and over of any one variety.

**PLEASE NOTICE.** Our farm department is given special attention. We are in the best possible position to supply Seed Grain, Grass Seeds, Seed Corn, Potatoes, Plows, Harrows and everything needed on the farm. Our special mixtures for permanent pasture or hay lands can be prepared at a low cost, and it will pay every farmer to correspond with us before buying from some one else. We can save you money. We cannot afford to fill our pages with wind, as some do, although it might blow some trade this way, but we want every farmer to know that we can sell them anything in the way of farm seeds that they need—of the right sort and at a right price.

## SEED RYE.

**RYE, FALL OR WINTER.**—The time for sowing is from the middle of August to the last of September. One plowing is given, and the seed sown broadcast at the rate of one and one-half bushels per acre and dragged in. Harrowing and rolling in the spring are recommended. If cut before fully ripe the grain makes more and better flour; if intended for seed it should be fully ripe. Sow some rye among standing corn, hoeing it in, leaving the ground level as possible, after the corn has been removed, rolling the ground. It succeeds best on sandy soils. Bu. 75c.

**RYE, SPRING.**—Although this grain is often planted by farmers, especially for the paper makers, who prefer it to any other, its principal value is as a "catch" crop, to sow where winter grain has failed. The straw is shorter and stiffer than that of the winter variety, and is always easier secured, while the grain, although smaller, is of equal value. Bu. \$1.00.

## SEED BARLEY.

**HIGHLAND CHIEF BARLEY.**—This is an entirely new and distinct two-rowed variety of barley. It is very robust, a vigorous grower, and the size of the grain when compared with any other is immense. It is less liable to be damaged by wet than other kinds, inasmuch as it is more closely covered with broad awns or spikelets, consequently it is less liable to lose color by the wet weather. Has strong, upright straw, yields from 50 to 60 bushels per acre, and usually weighs over 50 pounds to the measured bushel. Pk. 40c, bu. \$1.00; lb., by mail, 25c.

**MANSURY BARLEY.**—A six-rowed barley with long, heavy, well-filled heads, containing large, plump grains. Straw bright, very strong, and is not apt to lodge, even on the richest lands. Ripens about a week to ten days later than the common six-rowed barley, or about the same time as two-rowed barley.

Express or freight, pk. 40c, bu. \$1.00; by mail, lb. 25c.

**BARLEY, COMMON.**—Barley succeeds best on lands more sandy and lighter than those adapted to wheat. It is sown in the spring and can be grown farther north than any other grain. Sow from 2 to 2½ bu. per acre. Weight, 48 lbs. per bushel; bu. 75c.

**FLAX.**—Sow late enough in the spring to avoid frost, and early enough to secure the early rains. A fair average quantity of seed to be sown on an acre is one-half bushel, when cultivated for seed; if for fiber, a larger quantity should be sown.

Lb. 25c, pk. 50c, bu. \$1.25.

**FLAX SEED, RUSSIAN.**—We have some very choice seed of this, much superior in every way to common flax. It will increase the yield and add to the value of the product. Most of the flax of the country is badly run out. It will pay you well to secure some new seed. Lb. 25c, pk. 75c, bu. \$1.75.

**HEMP.**—If raised for manufacturing must be sown broadcast at the rate of one-half bushel to the acre; if for seed, should be planted in hills four feet apart, and the plants thinned out to 3 or 4 most vigorous stems in each hill. Lb. 25c, bu. \$2.50.



Velvet Chaff Blue Stem.



Mansury Barley.



Saskatchewan Fife.

## DWARF ESSEX RAPE.



A forage plant of great merit, easily grown in any part of the United States on any land that will raise turnips or corn, and will furnish abundant supplies of succulent, rich, nutritious pasture at a season when it is most needed. Is of great value for sheep and lambs, and then turned on it, to use a common expression, "they soon weigh like lead." It is also of value for pasturing cattle. One acre of rape is sufficient to pasture ten to fifteen lambs on for two to two and one-half months. It is often sown broadcast, about 5 lbs. to the acre, but will yield much better if drilled about 2 lbs. to the acre in rows 22 inches apart, and cultivated until plants are too large. Seed may be sown in May, but we do not advise sowing until June or July. Can, however, be sown with grain in the spring, and it is said not to interfere with the grain crop. The Dwarf Essex Rape is unequalled as a pasture for sheep in the autumn, and as a fattening food is without a rival in point of cheapness and effectiveness. It will also keep a long time in early winter if cut and put in heaps like shocks of hay.

Large Packet, 5c, lb. 25c, 3 lbs. 60c, postpaid; 100 lbs. by freight, \$6.00.

## CRIMSON CLOVER.

This is an annual variety in common use in Italy and the south of France for feeding green. The yield in fodder is immense, and after cutting it at once commences growing again, and continues until severe cold, freezing weather. In warm climates four or five cuttings are made during the season. It grows about one foot high, roots nearly black; leaves long; blossoms long, pointed, and of a very deep red or carmine color; makes good hay. Sow in April or May, 10 to 15 lbs. of seed per acre. It may be sown in the corn at the time of last cultivation in July. Where the weather is not too severe, it will live and continue to grow all winter, furnishing winter pasture or a crop of hay before corn-planting time in the spring.

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.

Experiments at Experimental Stations have shown that \$1.00 invested in seed per acre added 24 bushels of corn, while \$1.00 worth of Nitrate of Soda per acre increased the yield of corn only six 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.

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.

1 lb. 20c, 3 lbs. 50c, post-paid.

By express or freight, 10 lbs. 75c. 100 lbs. \$5.50.



CRIMSON CLOVER.

Showing One Plant.

## SUGAR CANE.

**EARLY AMBER SUGAR CANE.**—Early and productive. Its saccharine matter is of the first quality, produces a fine sugar or syrup, 10 or 12 feet high; will produce two large cuttings of green fodder during the summer. Sow three or four quarts per acre. Pkt. 5c, lb. 25c; 10 lbs. and over by express, 7c a lb.; 100 lbs. \$2.50.

**EARLY ORANGE CANE.**—This is a sorghum of unusual merit. It is early and produces its stalks of great sweetness and abundance of juice in great profusion.

Pkt. 5c; by mail, lb. 25c; by express or freight, 100 lbs. \$2.50.

## SEED BUCKWHEAT.

**JAPANESE BUCKWHEAT.**—The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct from all others. The color of the kernels is also most distinct, being a rich, dark shade of brown. The straw is heavier, very branchy, and does not need to be sown as thickly as other kinds. The quality is excellent and the yield is enormous. It is about a week earlier in ripening than the Silver Hull. Per 100 lbs. \$1.30.

**BUCKWHEAT, SILVER HULL.**—This improved variety is much better than the old sort. It is in bloom longer, matures sooner, and yields double the quantity per acre. The husk is thinner, the corners less prominent and the grain of a beautiful light gray color. The flour is said to be better and more nutritious. Per 100 lbs. \$1.50.

**BUCKWHEAT, COMMON.**—Buckwheat should be sown about the 20th of June, broadcast, at the rate of from one to three pecks per acre. The average yield is from twenty-five to thirty bushels per acre. It should be threshed as soon as dry, on the ground or barn floor. If allowed to stand in mass it quickly gathers moisture. Per 100 lbs. \$1.25.





LENTILS.

ing as dry or split peas. Sow two bushels to the acre, or, if with oats, one bushel of each. We offer three varieties as follows:

**Golden Vine.**—The best variety of all, as they yield the largest crop, are not affected by weevil, and stock does as well on them as when fed on clover hay. If you have heretofore used only the common field peas, you will be greatly pleased with the Golden Vine. Give it a trial. Per pk. 50c, bu. \$1.50.

**White Canada.**—More used than any other. Per pk. 40c, bu. \$1.25, 2 bu. or more at \$1.00.

**Blue or Green.**—Like above, except that color is a bluish green. Per pk. 50c, bu. \$1.25, 2 bu. or more at \$1.10.

**LATHYRUS SYLVESTRIS.**—(Flat Pea.) A new perennial forage plant, possessing many valuable features. It grows well on very poor unimproved sandy soil, can withstand pretty severe frosts, roots so deeply that it is not injured by severe drought, yields superior forage for all farm stock, and has excellent qualities as a fertilizer. Per oz. 20c, per lb. \$1.40.

**LUPINS—Blue.**—Used for the same purpose as the yellow variety. Per lb. 30c, per 100 lbs. \$8.00.

**White.**—One of the best plants known for soiling. It may be sown from April to July, and plowed under when in flower. The seed when burned is excellent manure for orange and olive trees. Per lb. 30c, per 100 lbs. \$9.00.

**Yellow.**—Less thrifty than the white variety, but still having an advantage over it in remaining green for a longer period. It succeeds well in the poorest soil, and is valuable for plowing in. Per lb. 30c, per 100 lbs. \$8.00.

**VETCHES—Spring** (*Vicia sativa*).—Sown broadcast at rate of 1 to 1½ bushels to the acre like wheat or barley, and sometimes mixed with oats for soiling. Used in France and Canada as a substitute for peas. Also ground up into flour, after which it is mixed with wheat flour for making bread. A valuable plant. Per qt. 35c, per bu. \$3.00.

**SAND, WINTER OR HAIRY VETCH** (*Vicia villosa*).—This variety thrives on poor, arid, sandy soils. It is sown either in fall or in spring, and generally mixed with rye, which serves as a support to the plants. It grows to a height of from three to four feet, and can be cut twice for fodder, first as soon as the bloom appears, and then it can be again cut for the seed. The plant is perfectly hardy, and the produce is recommended as most nutritious. The seed is black and perfectly round, and should be sown at the rate of 1½ bushels to the acre. Per qt. 45c, per bu. \$5.00.

### EGYPTIAN LENTILS.—

Largely used in Oriental countries and is one of their principal articles of diet. It was from these that the dish of pottage was made for which Esau sold his birthright to Jacob in Bible times, and many will be interested in them for that reason. They are in growth similar to peas, and may be used in any way that you would use shell beans, and they also make an excellent soup. Sow and cultivate same as garden peas and thresh out in the fall. All should try them.

Pkt. 5c, oz. 10c, ¼ lb. 30c, lb. 75c. By express, 5 lbs. or more at 30c per lb.

**FIELD PEAS.**—Each year there is a large increase in the number of our best farmers who sow field peas, and they claim they are one of the most profitable crops for fattening stock, and especially for hogs. Stock eat them with great avidity. Also profitable for market-

### SOJA BEAN.—

(Coffee Berry.)—

During recent years this variety has been largely sold under the name of German Coffee Berry at extravagantly high prices, but we prefer to offer it under its correct name. The berries ripen in about four months from time of planting and produce a crop of twenty to thirty bushels to the acre and are as easily grown as other beans. When roasted and ground it closely resembles coffee, and tastes quite similar. Some mix half and half with coffee when using, and claim it is superior. Its great value to the farmer lies in the fact that when ground it makes one of the most valuable crops for feeding stock and adds greatly to the milk production. Claimed also to be much superior to clover for fertilizing the soil and for pasturing, or feeding the green fodder, of which it frequently yields from eight to ten tons per acre. Sow broadcast ½ bushel to the acre, or it may be planted in drills three feet apart and one foot between plants. Per pkt. 5c, ¼ lb. 15c, lb. 40c, post-paid; pk. \$1.00, bu. \$3.50.

**TEOSINTE.**—A valuable fodder plant from Central America, in growth resembling Indian Corn. Well adapted to our southern states. Per oz. 20c, per lb. \$1.25.

**SPURRY** (*Spergula arvensis*).—Annual. Grows well on poor, dry, sandy soils. It is in best condition for pasture in four to six weeks after sowing, and may be sown every month from March to August. Excellent pasture for cattle and sheep; also as a fertilizer for light, sandy soil. 15 lbs. per acre. Lb. 35c, 3 lbs. \$1.00, post-paid, 10 lbs. for \$1.40, 50 lbs. and upwards at 10c per lb., 100 lbs. \$8.00.

**BROMUS INERMIS** (*Awless Brome Grass*).—A valuable forage plant for light, dry soils; answers for cutting and feeding in green state, for pasture or hay; very productive. About 35 to 40 lbs. to the acre. Lb. 35c, 100 lbs. \$15.00.

**SACALINE, POLYGANUM SACHALINENSE.**—This plant was introduced into the United States last year, and much has been written in the agricultural papers for and against it. It was tried on a small scale by a good many, and in some cases it was found satisfactory and in others not. The seed is very hard to start, and we would advise to raise the plants in hot beds first and then transplant. Below we copy a description of the plant as given by the introducer, but consider his description much overdrawn and advise our friends to go slow and only try in a small way: "Is perfectly hardy even in Siberia; flourishes in the Indies; requires no plowing before planting; needs no cultivation, no re-planting. Roots penetrate deep into the soil. Once planted, stands forever. Endures severest drought with impunity. Grows in poorest soils. Luxuriates in wet lands. Thrives where no other forage plant will grow. Young shoots and leaves eaten as a vegetable. Stems and leaves, green or dry, generally relished by cattle, sheep or horses. More nutritious than clover or lucerne. Gives three or four cuttings per year. Produces 90 to 180 tons of green forage per acre. Grows 14 feet high by June. Excellent soil enricher. Planted at any time. Affords shade to cattle in summer. Protection against storms in winter. Floods will not destroy it. Fire will not kill it. Cattle cannot trample it out." Per pkt. 5c, oz. 35c, ¼ lb. \$1.50, lb. \$5.



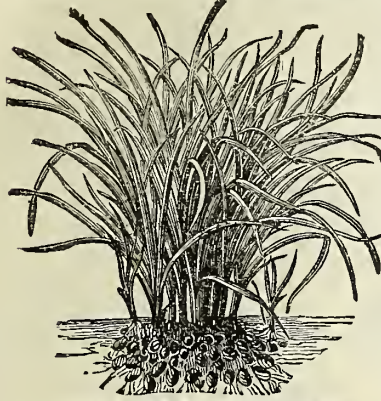
SOJA BEANS, OR COFFEE BERRY.

# Ailanthus or Tree of Heaven.

This splendid ornamental tree is a native of China, where it is called the Tree of Heaven, from its great beauty. It is very hardy, and thrives in any soil, no matter how poor, and grows from 6 to 10 feet high, from seed, the first summer. The leaves, from 5 to 6 feet in length, give it a grand appearance. Nothing outside the tropics can rival it for lawn decoration. Large panicles of bloom, followed in season by great clusters of colored seed pods, make the tree a continual thing of beauty. The cut represents a portion of a tree in bloom, and also a seedling tree four months from sowing. For beautifying lawns and flower-beds nothing can be finer, they being even more beautiful than Ricinus or Cannas. Packet, 5c.



AILANTHUS, OR TREE OF HEAVEN.



CHUFAS, OR EARTH ALMONDS.

**Chufas.** This is an underground product, growing near the surface and easily reached. The nuts resemble almonds in taste, and are eaten in large quantities by hogs and poultry. They are very fattening, and grow in great quantities. The seed may be soaked to an advantage before planting.

Packet, 5c, lb. 50c.

## Ensilage Corn.

**RED COB ENSILAGE.**—This is a pure white corn with a red cob. Dairy and cattle men should try this variety. It is sweet and tender, and is very productive, averaging from 25 to 30 tons per acre.

Pk. 30c, bu. 80c.

**SOUTHERN FODDER.**—

This is another white variety, and grows from 12 to 16 feet in height, with tender stalks and an abundance of broad leaves. This corn will withstand very hot weather, and yield 30 to 40 tons per acre.

Pk. 30c, bu. 80c.

**Peanuts.** Peanuts can be raised with but little expense, and are an exceedingly productive and paying crop. They are planted in much the same manner as potatoes, and require but little care beyond hilling up the young plants.

**SPANISH.**—This variety is smaller and sweeter than the common, or Virginia. Plants grow upright and strong, and are easily harvested.

Pkt. 10c, pt. 25c, qt. 50c.

**VIRGINIA.**—This is the common peanut grown in the South. Postpaid, pkt. 10c, pt. 25c, qt. 50c.

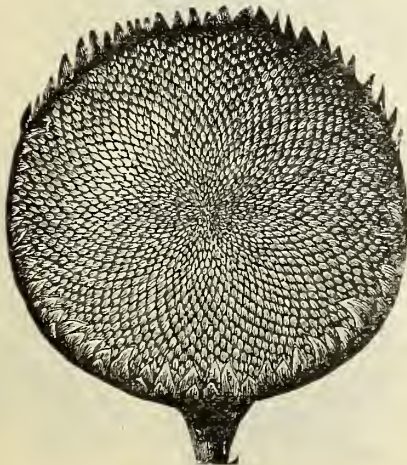
## Russian Sunflower.

This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive, and can be raised cheaper than corn, as any waste piece of ground will suffice. It is the best egg producing food known.

Price. oz. 5c, ¼ lb. 10c, lb. 20c. prepaid. Not prepaid, 10 lbs. 75c, 25 lbs. \$1.25, 100 lbs. \$4.00.



SPANISH PEANUTS.



RUSSIAN SUNFLOWER.



ENSILAGE CORN.

# LEONARD'S

SELECT

## Flower Seeds

NEW AND STANDARD VARIETIES.

The following are the choicest strains and most popular sorts. While they are not all annuals, they will bloom the first season, some, of course, being planted somewhat earlier than others. Those not wishing to hold plants over during the winter, will have just as pretty gardens growing plants from seeds. While our list may not be as large as some others, we have aimed to have only the very best and most reliable.

**Our Prices are Lower than any others for Quality and Quantity given. Full directions for Sowing printed on each package. All Flower Seeds Free by Mail at Catalogue Price.**



AQUILEGIA—Columbine.

**ABRONIA.**  
Beautiful trailing plants with pretty verberna-like flowers. Sweet scented, 12 inches.

**Abronia Umbellata**—Rosy-lilac, white eyes.

**ADONIS.**  
(Flos Adonis.)  
Also known as Pheasant's eye. Showy, hardy annuals of easy culture. Foliage pretty finely cut. Last a long time in bloom. Dark-crimson flowers, with a light center, 1 foot.

**AGERATUM.**  
Blooms almost constantly. Is of the easiest culture, fine for cut-flowers.  
**Ageratum Mexicanum**—Lavender blue.

**AMARANTHUS.**  
Showy blooming plants, have curious flowers. Brilliant foliage.  
**Amaranthus Cruentus**—(Prince's Feather). Crimson, very ornamental, 3 feet.

**Caudatus**—(Love Lies Bleeding). Red drooping panicles of flowers.  
**Tricolor**—(Joseph's Coat). Scarlet, yellow and green foliage.

**AMMOBIUM.**  
A small, but pretty, white flower. One of the hardest of everlastings.  
**Alatum Grandiflorum**—Pure white.

**ADLUMIA.**  
(Mountain Fringe, or Alleghany Vine.)  
A charming plant, flowering the first season, of graceful habit and pale-green feathery foliage, 15 feet.  
**Adlumia Cirrhosa**—Cluster of small rosy-lilac flowers.

**AGROSTEMMA.**  
(Rose of Heaven.)  
Attractive, free flowering, hardy perennials. Easy culture, bloom first season, flowers long stemmed, like pinks.  
**Agrostemma, Mixed Varieties.**

**AMPELOPSIS.**  
(Virginia Creeper, or Japanese Ivy.)  
**Ampelopsis Veitchii**—Fine hardy climber, with dark-green purplish leaves. Excellent for a permanent covering for stone or brick buildings, old trees, etc. Needs no support.

**AQUILEGIA.**  
(Columbine.)  
Beautiful, curiously-formed, various-tinted flowers. Bloom early in the spring and fall, hardy.  
**Aquilegia, Double Mixed.**

Any Variety of Flower Seed 5 cents per Packet, except where noted.



AGROSTEMMA.



AGERATUM.



ADONIS.



# ASTERS.

One of the most popular, pleasing, and prettiest of annuals. Admirably adapted to any climate. Our seed this year is exceptionally fine. Seed is saved from the most perfect blossoms and truest types. Can not be excelled. These flowers are growing more popular every year, and the newer strains are exceptionally fine. Every one should have a bed of asters.

**TRUFFAUT'S PEONY FLOWERED, PERFECTION.**  
The most perfect of the peony flowered. Flowers perfect in quality and form, size and color. All colors mixed.

**DWARF PYRAMIDAL BOUQUET.**  
From twelve to fifteen inches in height. Unequaled for edging. When in bloom is an immense pyramidal bouquet. All colors mixed.

**CHRYSANTHEMUM.**  
Compact, robust, and a profuse late bloomer. All colors mixed.

**ROSE FLOWERED.**  
Flowers large and double. The inner petals incurved like a rose. All colors mixed.

**LEONARD'S SNOWBALL.**  
A very large, double white flower. Its bearing qualities are unexcelled. Pure white.

**Washington**—The largest aster. From four to five inches in diameter, and of perfect form. All colors mixed.

**Goliath**—Flowers of enormous dimensions, and of perfect form. All colors mixed.

**German, Fine Mixed**—Very double, and of fine form. When not quite in full bloom resemble a ball.

**China, Fine Mixed**—Tall, branchy variety, with large, double flowers.

**Betteridge's Quilled**—Flowers composed of tube or quill-shaped petals. Double flowers. All colors mixed.

## IMPROVED VICTORIA.

Flowers large. A beautiful strain. Flowers imbricated, and the petals overlap. Each plant carries from twenty to thirty flowers. We have grown some of the most perfect asters and can offer the following colors: Pink, crimson, purple, light-blue, pure white, or all colors mixed.

## ANTIRRHINUM.

Tall, Mixed—All colors.  
Tom Thumb, Mixed.

## ALONSOA.

(Mask Flower.)  
Handsome, brilliant, free-flowering plants. Thrive anywhere.  
Alonsoa Grandiflora—All colors.

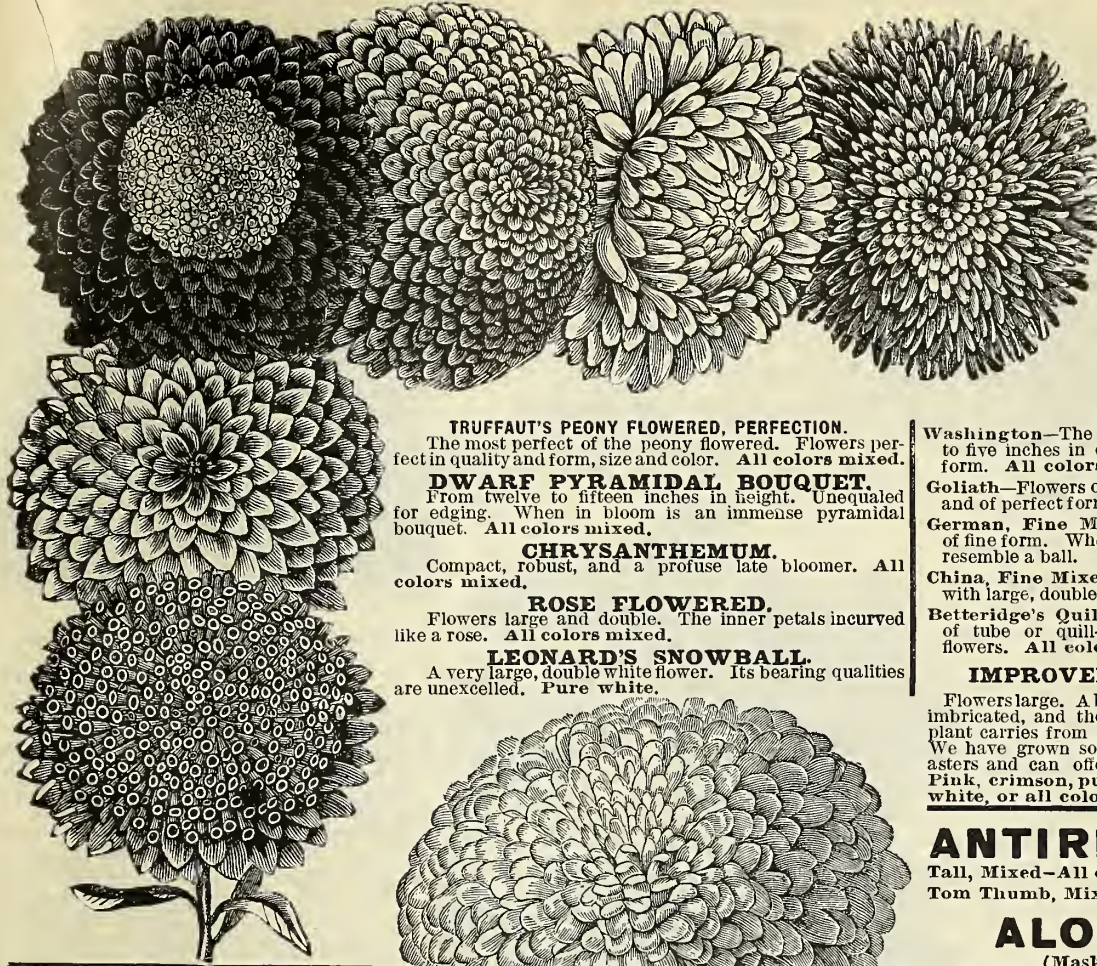
## ASPERULA.

Hardy dwarf annual, profuse bloomer. Clusters of small, sweet-scented flowers. The dried flowers leave a fine perfume. Odorata (Sweet Woodruff).

## ANAGALLIS.

(Pimpernelle.)  
Dwarf compact plants. Adapted for baskets, edgings, small beds, etc. Succeeds best in a sunny situation.  
Anagallis, Mixed—All colors.

All Flower Seeds, 5c per pkt., except where noted.



VICTORIA  
ASTER.

**AURICULA.**  
A dwarf-growing and pretty plant, bearing umbels of fragrant flowers of many rich and beautiful colors.  
Auricula Mixed—Very fine colors. Pkt. 10c.

## ALYSSUM.

Delicate white flowers of exquisite fragrance. Very free bloomers. Useful for cut flowers. Suitable for beds, borders, etc.

**Sweet Alyssum**—Flowers white; one foot.

**Little Gem**—Compact spreading growth. Only three to four inches high, but will cover a circle of fourteen inches. Bloom very quickly from seed. Pure white, and fragrant. More than four hundred spikes of flowers have been counted on a single plant at one time.

**Saxatile Compactum**—Flowers yellow. Hardy perennial.



ALYSSUM.



AURICULA.



ANAGALLIS



BRACHYCOME.

**BARTONIA.**

Large golden flowers, expanding in the middle of the day.

*Bartonia Aurea*—Golden.

**BALLOON VINE.**

A curious annual.

*Balloon Vine (Cardiospermum)*—Flowers white.

**CACALIA.**

(Tassel Flower.)

Very pretty plants with small, tassel-like flowers.

*Cacalia, Mixed*—All colors.

**CAMPANULA.**

(Canterbury Bell.)

Well-known, hardy, herbaceous perennials, bearing a great profusion of attractive flowers.

*Campanula Media.*

—Single Mixed.

—Double Mixed.

**CATCH FLY.**

Small flowers; red, white, rose. A sticky moisture on the plant sometimes entraps flies; hence the name.

*Catch Fly (Silene Armenia).*

**CUPHEA.**

(Lady's Cigar Plant.)

Tubular flowers, red, very pretty.

*Cuphea, Mixed*—Free flowering.



CANDYTUFT—NEW EMPRESS.

**BALSAM.**

(Lady's Slipper.)

Old and well-known favorites with every-one, owing to their gorgeous masses and beautiful, brilliant-colored flowers. Our seeds are very double and select.

*Balsam, Double Camellia Flowered.*

—Perfection Double White, large and perfect.

—Solferino, striped with scarlet or lilac.

—Red Shades, light and dark.

—All Colors Mixed.

Any variety of *Camellia Flowered*, 10c pkt.

*Double Mixed*—All colors and varieties.

**BRACHYCOME.**

(Swan River Daisy.)

*Brachycome, Mixed*—Light-blue and white.



NEW DWARF CANNA. LARGE FLOWERING.



BALSAM.

**CANNA.**

Highly ornamental, producing a rich effect by their large, massive foliage and gorgeous orange, crimson and yellow flowers.

*Crozy's Large-Flowering Dwarf French, Finest Mixed*—Comprising all the newest and most beautiful varieties.

*Choice Mixed*—Old sorts.

**CARNATION.**

*Marguerite, Mixed*—These carnations have created a universal sensation, not only on account of their beautiful colors, but, unlike all others, they bloom in about four months from sowing the seed. Bloom until checked by frost. Fully eighty per cent are double, and embrace a fine range of brilliant colors. Plants are neat, dwarf-branching and compact. Pkt. 10c

*Fine Double, Mixed*—The best for garden culture.



MARGARET CARNATION.

All Flower Seeds 5c per Packet, unless otherwise noted.

**CANDYTUFT.**

Universally known and cultivated, and considered indispensable for cutting. Hardy and easy to cultivate.

*Candytuft, Empress or Snow Queen*—A complete mass of pure white flowers, borne on a candlebra-shaped plant. Very large trusses.

*White Rocket.* Mixed Colors.

**CLARKIA.**

Old favorite, hardy annual.

*Clarkia, Double Mixed.*

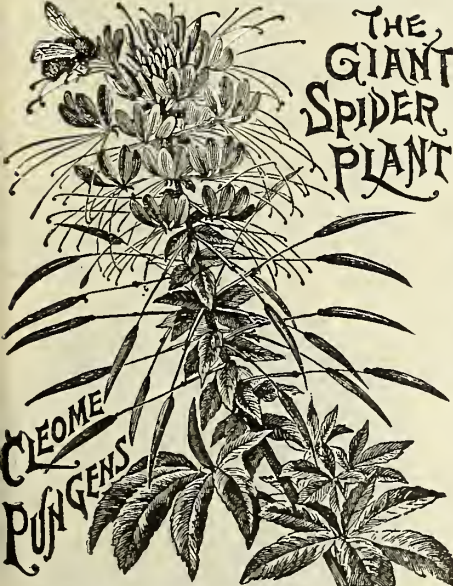




**Chrysanthemum**

**COLEUS.**

Richly colored foliage plants. For groups on lawns or ribboning they are indispensable. **Coleus Hybrids**—All colors. Packet, 25c.



**THE GIANT SPIDER PLANT**

**CLEOME PUNGENS**

**Cleome Pungens**—A showy plant from 3 to 4 feet high, producing singular-looking rose-colored flowers. The stamens look like spider's legs, and the appearance is very attractive.

**CHRYSANTHEMUM.**

Showy and effective garden favorites; extensively grown for cut flowers; beautiful large flowers of many rich colors; for bouquets, vases, etc., the flowers are very attractive.

- Coronarium**—Double White.
- Double Yellow.
- Venustum**—Crimson center, white band, very handsome.
- All Colors, Mixed.**

**CASTOR OIL BEAN.**

(See *Ricinus*.)

**CANARY BIRD FLOWER.**

Beautiful rapid-growing climber, bearing little canary-colored blossoms, bearing a fancied resemblance to a bird with its wings half expanded. Blooms all summer.

**Tropaeolum Canariense**—Canary-bird flower.

**CUCUMIS.**

Very rapid and luxuriant growers. Extremely ornamental and picturesque for its fruit and foliage.

**Cucumis Flexuosus** (*SNAKE CUCUMBER*)—Fruit, 3 feet long.

**Wild Cucumber**—The quickest growing climber. Sturdy growth and handsome appearance.

**COLUMBINE.**

(See *Aquilegia*.)

**CLINTONIA.**

Charming, neat little plants, producing a fine effect for edgings, rock work or rustic baskets.

**Clintonia**—All colors, mixed.

**CENTAUREA CYANUS.**

**Ragged Sailor Corn Flower or Blue Bottle**—Great favorite with all. The new double flowers are of large size, filled to the center with flowrets, forming handsome globular flower heads. Our seed is very fine, containing any number of colors. Fine for cut flowers.

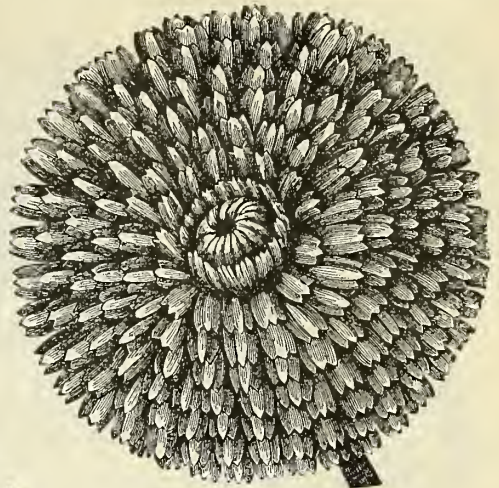
**Centaurea Cyanus**—Mixed. New double flowered.

**CALLIOPSIS OR COREOPSIS.**

Large bright flowers. Blooms all summer. Fine for cutting. Also called **Bright Eyes**.

**Calliopsis, Golden Wave**—Very compact bushy plants, covered with hundreds of bright-yellow blossoms, 2 inches across.

**Mixed**—All colors.



**CALENDULA ORIOLE.**

**CALENDULA.**

This has been a favorite for many years. Blooms from June until frost. If potted in the fall, and placed in a sunny window, will bloom all winter.

**Calendula Meteor**—Double, beautifully striped.

—**Oriole**—The best *Calendula* known, extra-large double flowers, are indescribable, rich and glowing in tone, bright golden yellow, wonderfully free flowering.

**All Colors, Mixed.**

**CYPRESS VINE.**

Among our most beautiful climbing plants, dark green, very graceful, fern-like foliage, thickly studded with brilliant starry flowers.

**Cypress, Mixed**—All colors, including new and attractive varieties.

**CELOSIA OR COCKSCOMB.**

Free blooming, graceful plants, producing spikes of beautiful comb-shaped flowers.

**Cockscomb, Dwarf**—Mixed. All colors.

**President Thiers**—A very dwarf variety, with intense crimson flowers. The combs are large, ruffled, dark crimson, some measuring 17 inches across.

Packet, 10c.



**CELOSIA PRES. THIERS**

**COBÆA.**

One of our most beautiful annual climbers. Grow from 20 to 30 feet high. Very desirable on account of its large size, rapid growth, fine foliage, and large bell-shaped flowers.

**Cobæa Scandens**—Large bell-shaped purple flowers. Flowers the first season.



**COBÆA**

**ALL KINDS OF FLOWER SEEDS 5c PER PACKET UNLESS NOTED Differently.**



**CALLIOPSIS, GOLDEN WAVE.**



**CENTAUREA CYANUS—Double Flowered.**



MORNING GLORY.

**CONVOLVULUS MAJOR.**

The old Morning Glory is the best known and most popular climber that we possess. Growth is rapid and strong.

**Morning Glory Mixed**—All colors.

**CONVOLVULUS MINOR.**

Rich colored, handsome dwarf trailing plants, producing in bed a most brilliant effect.

**Dwarf Morning Glory**—All colors mixed.

**DIGITALIS.**

(Foxglove.)

Handsome plants of stately growth, especially adapted for shrubberies, hardy perennial.

**Mixed Colors.**

**DOLICHOS.**

(Hyacinth Bean.)

Beautiful, fragrant climbing plants, of rapid growth, flowering in clusters.

**Dolichos Lablab**—Purple. Very fragrant.

**EVERLASTINGS.**

We have a fine mixture of all varieties. Beautiful for winter bouquets, etc. The dried flowers make pretty decorations in winter.

**All Varieties Mixed.**

**EUPHORBIA.**

(Snow on the Mountain.)

**Euphorbia Variegata**—Foliage is beautifully veined and margined with white.

**ESCHSCHOLTZIA.**

(California Poppy.)

Very attractive plants for beds, edgings or masses. Very profuse in flowering, and foliage finely. Bloom from June till frost. Hardy annuals, one foot high.

**Eschscholtzia Mixed**—All colors, choice and bright.



ESCHSCHOLTZIA.

**ALL VARIETIES OF FLOWER SEEDS 5 CENTS PER PACKET EXCEPT WHERE NOTED OTHERWISE.**



COSMOS.

Splendid flowers for cutting purposes. Plants are literally covered with single Dahlia flowers of all colors, of rose, white, purple, etc. Foliage fine and leathery.

**Cosmos Hybridus**—Large flowering. Mixed colors, pure white.

**DIANTHUS OR PINKS.**

Embraces some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. Very fragrant, of easy culture, and flowers the first season.

**Double Annual Varieties.**

**Chinensis fl. pl., Mixed**—China or Indian Pink. Very double, all colors.

**Laciniatus Mixed**—Finest fringed sorts.

**Heddewigii**—Handsome, velvety. All colors.

**fl. pl., Mixed**—A double variety of the preceding flowers, from 2 to 3 inches in diameter, colors varying from the highest velvety crimson to the most delicate rose.

**Packet 10c.**



DAHLIA GRACILIS. DAHLIA.

Plants grown from seed will produce quite perfect flowers the first season. Start seeds early and you will have as good satisfaction as if bulbs were planted.

**Fine Double Mixed**—Extra, very choice.

**Single Mixed**—Very beautiful and brilliant.

**Gracilis**—The Queen of Single Dahlias. Brightest colors, striped and blotched in a most grotesque manner.

**DATURA.**

(Angels' Trumpet.)

The Datura or Ghost Flower is a most interesting plant. It grows several feet high, and branches freely, producing trumpet-shaped flowers a foot or more in length.

**Fastuosa**—All double. Mixed colors.

**Sweet Nightingale**—Flowers immense, pure white, fragrant. Free bloomer.



SWEET NIGHTINGALE



DIANTHUS CHINENSIS.

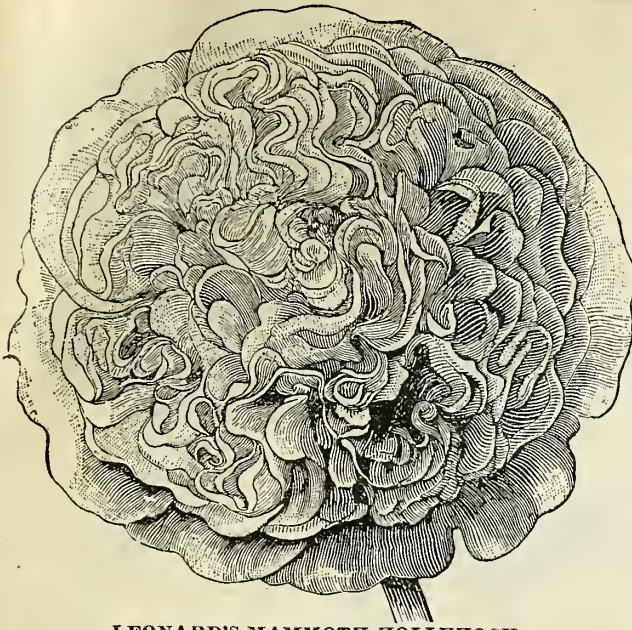
**DAISY.**

A favorite plant for beds or pot culture. Easily raised from seeds the first season.

**Daisy, Double Mixed**—Very double and fine.



DOUBLE DAISY.



**LEONARD'S MAMMOTH HOLLYHOCK.**  
**CODETIA.**

An attractive, hardy annual, that deserves to be cultivated more extensively. Bear showy flowers of rich and varied colors.  
**Godetia Mixed.**—All colors.

**CYPSOPHILA.**

Pretty, free-flowering, elegant plants, for baskets, edgings, etc.  
**Gypsophila Paniculata.**—White flowers.

**HELICHRYSUM**

Exceedingly effective, double flowers, making a fine display. Succeed in any rich garden soil. The best everlasting flowers.

**Helichrysum Mixed.**—Large double, all colors, white, red, yellow, etc.



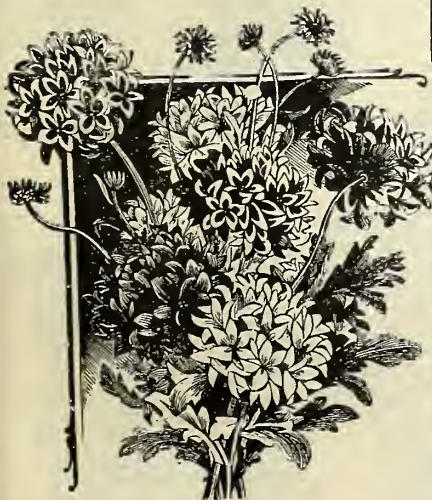
**HELICHRYSUM.**  
**GILIA.**

Very dwarf plants, early, free blooming, fine for massing or rock work.  
**Gilia Mixed.**—All colors.

**GAILLARDIA.**

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers. Bloom all summer.

**Gaillardia Picta.**—Mixed, all colors.  
**Picta Lorenziana.**—New double; succeeds well everywhere, large double flowers, embracing all colors.



**GAILLARDIA LORENZIANA.**

**HOLLYHOCK.**

An old popular favorite; flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose-pink, white, etc.

**Hollyhock, Double White.**—Large pure white, perfect.

**Double Yellow.**—Buff, straw, and orange shades.

**Bright Red.**—Double.

**Bright Pink.**—Double.

**Extra Double, Mixed.**

**LEONARD'S MAMMOTH.**

We have a superfine strain of Hollyhock. They are grand types of fine colors and most double and large. The spikes are extraordinarily large and fine. Any of the foregoing sorts, 10c per packet.

**Hollyhock.**—Extra choice, mixed, all colors.



**GOURDS.**

Interesting climbers, producing a great variety of curious fruit; fruit is hard-shelled, exciting much attention.

**Luffa.**—[Dish-Rag, or Bonnet Gourd.] A natural and desirable dish-cloth is furnished by the peculiar lining of the fruit, which is sponge-like, porous, very tough, elastic, and durable. Many prefer this dish-cloth to any.

**Dipper.**—Easily prepared to use as dippers, and last for years, with a capacity of a pint to one and a half quarts.

**Hercules Club.**—Club shaped, 4 feet long.

**Striped Apple.**—Small, yellow, beautifully striped.

**Pear-Shaped.**—Striped, very showy.

**Sugar Trough, or Sap Bucket.**

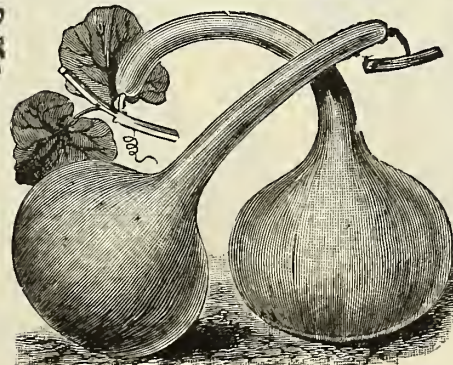


**FORGET-ME-NOT.**

**FORGET-ME-NOT.**  
(*Myosotis.*)

Neat and beautiful little plants, with pretty, star-like flowers. Succeed best in a moist, shady place. Bloom first year, if sown early.  
**Myosotis Palustris.**—True blue.

**ALL VARIETIES OF FLOWER SEED**  
**5 CENTS PER PACKET, UNLESS**  
**NOTED OTHERWISE.**



**GOURDS, DIPPER.**

**WHITE EGG.**

This variety makes fine nest eggs, as they are the exact size and shape of an egg. Fine climber.



**White Egg.**

**GERANIUM.**

Plants raised from seed sown early in the spring are decorative in summer. The gorgeous flowers are produced all summer, and for bedding or house culture they are very popular.

**Geranium Zonale, Mixed.**—All colors. Pkt. 10c.

**Double, Mixed.**—This mixture contains a greater per cent of double flowers than any strain. Flowers large and the colors are very choice. Pkt. 25c.



**GERANIUM.**



LINUM.

**LINUM.**  
(Flowering Flax.)  
*Linum Grandiflorum Coccineum*—One of the handsomest annuals ever introduced. For brilliancy of color and duration of bloom it is unsurpassed.

**KAULFUSSIA.**  
Desirable compact dwarf free-flowering plants, resembling single Asters.  
*Kaulfussia, Mixed*—All colors.

**LAVENDER.**  
This plant is much prized for the delicious fragrance of its violet flowers.  
*Lavender*—Fragrant.

**LARKSPUR.**  
*Larkspur, Dwarf German Rocket*—All colors mixed.  
*Perennial*—All colors mixed.

**LUPINUS.**  
(Sun Dials.)  
Free-flowering, easily grown plants, with long spikes of rich and varied colored pea-shaped flowers.  
*Lupinus, Mixed Annual.*

**LYCHNIS.**  
Handsome plants of easy culture, growing in any rich garden soil. Blooms the first year if sown early.  
*Lychnis, Mixed*—All colors.

**MAURANDIA.**  
These beautiful climbers can not be too highly recommended. Blooms the first season from seed.  
*Maurandia, Mixed*—All colors.

**MIMULUS.**  
(Monkey Flower.)  
Grow finely in damp, shady places. A great variety of colors.  
*Mimulus*—Fine mixed spotted varieties.

*Muschatus*—(Musk Plant.)  
Fine for hanging-baskets, etc. Small yellow flowers, fragrant foliage.

**MOMORDICA.**  
(Balsam Apple.)  
*Momordica Balsamina*—Trailing plants. Curious ornamental foliage and remarkable fruits.

**All Flower Seeds 5c per packet, except where noted.**

**HELIOTROPE.**

Deliciously fragrant flowering plants. Fine for pot or garden culture. Succeeds in any rich garden soil. Bloom almost constantly.

*Heliotrope, Mixed*—Pkt. 10c.

**HELIANTHUS.**

(Sunflower.)

Remarkable for stately growth, size and brilliancy of flowers. The seed is good for feeding poultry.

*Helianthus Globosus Fistulosus*—Flowers large, double, globular, and of a rich saffron color.

*Mammoth Russia*—Large single.



HELIOTROPE.

**HIBISCUS—CRIMSON EYE.**

Flowers immense in size, often measuring twenty inches in circumference. The color is of the purest white, with a large spot of deep, velvety crimson in the center of each flower. A striking combination of color. It is a robust grower, with dark red stems and foliage. It will succeed anywhere. A well-developed plant will produce several hundred of these flowers in a season. Blooms the first season from seed. The root is semi-tuberous. Always comes true from seed. Seed, per pkt. 5c, strong plants, 25c each.



HIBISCUS—CRIMSON EYE.

**IPOMÆA.**

*Ipomœa Bona Nox (Evening Glory)*—Beautiful white, very large blossoms, which expand in the evening.

*Grandiflora (Hybrid Moon Flower)*—White seeded variety. This variety grows much larger than the black seeded, and produces blossoms fully an inch larger in diameter, of a pure white color, firm in texture and very fragrant. Flowers are magnificent. Handsome and very free bloomer. Pkt. 10c.

Delicate foliage and pretty little blue and white flowers. Very attractive.  
*Lobelia Erinus*—Pretty deep-blue flowers. Very profuse bloomer.  
*Crystal Palace Compacta*—Intense blue, dark foliage. Best for bedding purposes. Free bloomer.

**LOBELIA.**

*Speciosa*—Dark blue, best for hanging-baskets.  
*Finest Mixed*—This mixture is very fine and includes many sorts.



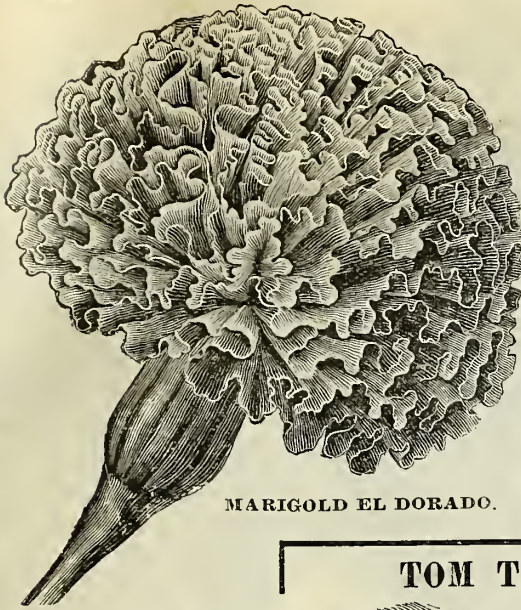
LOBELIA.



LYCHNIS.



MOON FLOWER.



MARIGOLD EL DORADO.

**MARIGOLD.**

Well-known plants of very easy culture. Rich and beautiful, double various colored flowers.

**El Dorado**—Flowers very large, petals imbricated and extremely double. Flowers in all shades of yellow, from the palest primrose to the deepest orange.

**Large African**—Tall, double, orange, brown and yellow.

**Dwarf French**—Fine colors, mixed, double.

**MARVEL OF PERU.**

(Four o'clocks.)

Handsome free flowering garden favorites. Blooms the first season.

**Marvel of Peru Mixed**—Beautiful new colors.

**Morning Glory**—(See Convolvulus.)

**Mourning Bride**—(See Scabiosa.)

**Mimosa**—(See Sensitive Plant.)

**Myosotis**—(See Forget-Me-Not.)



MARVEL OF PERU.

**DWARF NASTURTIUM.**

The Dwarf or Tom Thumb varieties are all desirable, and are among our most popular plants. Stand any amount of heat and drought, growing vigorously and flowering freely all summer.

**Empress of India**—Flowers bright crimson. Very good for florists.

**Pearl**—Very pretty, creamy white.

**Lady Bird**—Ground color is a rich golden yellow, each petal barred with a broad vein of ruby crimson.

**Yellow**—Bright.

**Crimson**—Gorgeous.

**Spotted King**—All spotted.

**Crimson**—Brilliant.

**Mixed**—All colors.

**NASTURTIUM.**

**Tall Climbing**—Beautiful climbers. Easy culture. Bloom until killed by frost.

**Tall Crimson.**

**Tall Mixed.**

**PRIMROSES.**

A charming and profuse flowering plant, indispensable for winter blooming.

**Primula, Finest Mixed**—All colors, very fine. Pkt. 25c.

**TOM THUMB NASTURTIUMS.**



Flower Seed on this page 5c. per pkt. except where noted.

**NIGELLA.**

A free flowering plant. Finely cut foliage, and curious looking flowers. Also called "Love in a Mist," or "Devil in the Bush."

**Nigella Damascena**—Double blue and white mixed.

**NEMOPHILA.**

Neat compact habit. Blooms freely all summer.

**Nemophila**—Mixed varieties. Beautiful colors.

**OXALIS.**

Brilliant flowers and dark foliage. Nice for rock work, rustic baskets, etc.

**Oxalis Mixed**—All colors.

**MIGNONETTE.**

**Mignonette Sweet-Scented**—(*Odorata*) The old variety.

**Dwarf Compact**—A dwarf robust variety, covered with large spikes of reddish tinted flowers.

**Golden Queen**—A mass of golden yellow when in bloom. Attractive, and forms an immense pyramid. Large yellow spikes. Very fragrant.

**Machet**—The finest sort. Strong, bushy grower, bearing spikes in great number, brick-red color. Large, beautiful and very fragrant. Fine for pot culture.



DWARF COMPACT.



MACHET.

**POPPIES.**

Showy, large, brilliant colored flowers, growing freely in any garden soil. Produce a fine effect in clumps or beds.

**Poppy Carnation Flowered**—Very fine, double fringed flowers. All colors.

**Finest Mixed**—All colors.

**Fairy Blush**—Immense globular, perfectly double flowers. The petals are elegantly fringed and pure white, except at the tips, where they are distinctly colored with a rosy cream.



DOUBLE POPPIES.

# LEONARD'S GIANT PANSIES.



## PANSIES

### THE UNIVERSAL FAVORITES.

Every lover of flowers knows and cultivates pansies. We have the best strains of this attractive flower. Large, perfect blossoms and truest types of colors.

	Per Pkt.		Per Pkt.
<b>Brown</b> —All shades of this color.....	\$.10	<b>Striped</b> —A lovely strain, bearing flowers curiously marked and striped.....	\$.10
<b>Blue</b> —All shades of light and dark blue.....	.10	<b>Red</b> —Bright coppery shades	.10
<b>Yellow</b> —From the lightest yellow to the deepest old-gold	.10	<b>Mahogany</b> —A velvety reddish brown.....	.10
<b>Purple</b> —Rich velvety.....	.10	<b>Uncle Tom</b> —Finest black. Deep jet, very velvety and large.....	.10
<b>Snow Queen (Candidissima)</b> —Very large, satiny, pure white. Fine for bouquets or cemetery use.....	.10	<b>Lord Beaconsfield</b> —Flowers deep purple-violet, shading to white at the upper petals.....	.10
<b>Emperor William</b> —Large handsome flowers, borne in great profusion well above foliage. Brilliant ultramarine blue, with a purple violet eye.....	.10	<b>Trimardeau Giant</b> —The largest of all the pansies. The blossoms are simply enormous, perfect in form and run through all the varieties of colors, from the lightest shade to the darkest purple. Marked with three large blotches.....	.10
<b>Giant Odier</b> —Handsome blossoms, being very large and perfect in form, with dark deep velvety blotches, margined with an endless variety of colors. Extra large and fine.....	.10	<b>Peacock</b> —Very striking. Form and substance perfect. Upper petals beautiful ultramarine blue, resembling in shade the peacock feather. Lateral and lower petals are of a deep claret-margined white	.10
<b>Leonard's Giant Prize</b> —Largest prize varieties. Enormous size and grand rich velvety colors.....	.10	<b>German, Mixed</b> —Very fine.	.10
<b>Butterfly</b> —Beautifully marked. Large, perfect. Endless colors.....	.10	<b>Mixed All Colors</b> .....	.05

### PORTULACA (Moss Rose).

Brilliant dwarf annuals, 6 inches high. Plant in sunny place and sandy soil. Bloom all summer.

Single, Mixed Colors. Pkt. 5c.

Double, Mixed—Rose flowered. Beautiful brilliant colors of great variety. Pkt. 10c.



DOUBLE PORTULACA.

### ROCKET (Hesperis).

Rocket, Mixed.

### RHODANTHE.

Beautiful everlastings, with silvery-tinted flowers.

Rhodanthe, Mixed.

### VINCA.

Ornamental free-flowering plants. If sown early will bloom the first season.

Vinca, Mixed—All colors.

### VIOLET (Viola Odorata).

Well-known early spring-blooming fragrant flowers.

Violet, Single Blue—Very sweet-scented blue flowers.

### XERANTHEMUM.

Pretty free-flowering everlastings.

Xeranthemum, Mixed.



Any  
Variety on  
this Page,  
5 cents  
per Packet.

## SWEET PEAS.

The New  
Large-Flowering  
Varieties.

Never have Sweet Peas been in such popular favor as at present. The demand is increasing with wonderful rapidity. The special attention that is being given to them, place the newer large-flowering sorts on a pinnacle which is unsur-

passable. Lovely fragrant flowers which last several days if placed in water. The more flowers you pick, the more abundant will be their bloom.

**Boreatton**—Deep, glossy maroon. Flowers large, very dark.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Butterfly**—Standards and wings white, faintly suffused with lavender. Entire flower edged blue. Very fine.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Cardinal**—(Invincible Carmine or Beauty). Brightest colored. Standards cardinal crimson, wings crimson scarlet. Large, bright, glowing flowers.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Captain of the Blues**—Standards bright purplish blue. Wings ultra-marine blue. Very good.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Captain Clark**—Ground color entire flower white. Standards flushed with claret, and wings with heliotrope, indigo-blue edge. Beautiful variety. Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Countess of Radnor**—Standards and wings delicate lavender. Large and exquisite.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Dorothy Tennant**—Reddish mauve. Large and fine form.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Duchess of Edinburgh**—Light scarlet splashed with crimson, slightly margined on the edge with cream, white wings tipped with rose. Very beautiful.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Isa Eckford**—Standards pink, shading to cream, wings pink. Large flower.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Eckford's Delight**—White, flushed with rosy pink. Distinct fragrance. Very fine. Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Mrs. Gladstone**—Standards exquisite soft blush pink, wings slightly deeper, suffused with carmine pink. Profuse large, fine flowers. Beautiful variety.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Grand Blue**—Best blue, ultra-marine blue. Large, fine flowers.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Miss Hunt**—Standards carmine pink, laced with rose pink. Large.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Indigo King**—Standards dark maroon purple, wings indigo blue.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Alba Magnifica**—Extra large flower, pure white.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Apple Blossom**—Bright rosy-pink standards. Wings bluish.  
Oz. 10,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Blanche Ferry**—Splendid large flowers of perfect form and great substance, on long stiff stems. Ten days earlier than any other variety. Best for cut flowers. Standards crimson pink, wings bluish white. Beautiful and fragrant, compact and bushy.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Blue Mixed**—All shades. Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Invincible Scarlet**—Wine red and crimson. Large and bright.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Light Blue and Purple**—Standards purplish maroon, wings light blue. Large. Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Monarch**—Standards dark maroon, wings deep blue. Very large and fine. Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Orange Prince**—Standards orange pink, wings pink.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Princess of Wales**—Standards striped light and blue.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Primrose**—Pale primrose yellow.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Princess Beatrice**—A warm blush pink. A very beautiful, large flower.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Queen of England**—Large, pure white.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Queen of the Isle**—Standards white, striped rose and crimson, wings wine red, striped white. Large.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Mrs. Sankey**—Large, bold flower, three on a stem. Pure white. Fine grower.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Splendor**—The most brilliant red variety. Flowers rich light rose, shaded crimson. Large and fine.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Senator**—Standards dark maroon brown purple, on creamy ground, wings dark purple, striped white.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**Waverly**—Reddish wine color. Large and fine.  
Oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 75c.

**LARGE FLOWERING MIXED SWEET PEAS**—Containing all of the best and choicest varieties.  
Oz. 5c,  $\frac{1}{4}$  lb. 15c, lb. 50c.

No better mixture can be bought.

### EVERLASTING PEA.

Perennial Peas grow and flower in any soil. Hardy, ornamental, free-flowering. Grow from six to eight feet high.

Packet 5c.





## PHLOX DRUMMONDI.

Improved Large Flowering Varieties.

An indispensable, constant blooming favorite, which should occupy a prominent place in every garden for clumps or massing. Very desirable for their duration of bloom and display of brilliant, dazzling colors. Hardy annuals. The large flowering sorts are extraordinarily fine.

**Pure White**—Fine, clear white.

**Rose**—A bright rose. Beautiful.

**Isabellina**—Pale yellow.

**Striata**—Striped scarlet and white.

**Double White**—A profuse bloomer. Charming, densely double white flowers. About 60 per cent come true from seed.

**Coccinea**—Brilliant scarlet, very bright.

**Star of Quedlinburg**—Different from all other Phloxes. The center petals, which are five in number, are elongated from four to five times the length of the lateral ones. Distinct and star-like.

**Black Warrior**—A very dark deep red.

**Mixed Varieties**—All colors.

**Fimbriata**—The petals are beautifully imbricated, most of them drawn out to long points, giving the flower a regular star-like form, whose beauty is improved by broad, white margins. This strain embraces all colors.

### PETUNIA.

For out-door decoration or house culture, few plants are equal to this class. They commence to bloom early, and continue to flower through the summer. Give them a rich soil and sunny place.

**Fine Mixed**—(*Petunia hybrida mixed*.)

**Double Mixed, Large Flowering**—Flowers twice the size of the ordinary strain, and the most beautiful colors. Produce a larger per cent of double than most strains.

Pkt. 25c. each.

### PINKS.

(See *Dianthus* and *Carnation*.)

### PASSIFLORA.

(*Passion Flowers*.)

Magnificent twiners of unrivaled elegance, and of commanding beauty. The foliage is graceful and attractive, and the flowers are truly gorgeous.

**Passiflora Cœrulea**—The most beautiful and remarkable variety grown, producing rich green foliage and sky-blue flowers, followed in the autumn by a profusion of golden fruit.

**All Varieties of Flower Seeds**  
5 cents per Packet, except where noted.

### Double Large Flowering Petunia.



Petunia.

### RICINUS.—(*Castor-Oil Plant*.)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing a sub-tropical effect.

**Ricinus Sanguineus**—Exceedingly ornamental. Red-spotted fruit in clusters. Fine foliage.

**Finest Mixed**—All colors.

### SALVIA.—(*Flowering Sage*.)

Favorite green-house and bedding plants. Bearing long spikes of flowers in great profusion, from July to October.

**Salvia Mixed**—All colors.

### SENSITIVE PLANT.

(*Mimosa*.)

Curious and interesting plants with pinkish-white flowers. The leaves close and drop when touched or shaken. Require a mixed soil of peat, loam and sand.

**Mimosa Pudica.**

### SCARLET RUNNERS.

**P. Multiflorus**—Fine climbers, growing ten feet and produce dazzling red flowers. Well known as the **Fire Bean**.

### SALPIGLOSSIS.—(*Painted Tube Tongue*.)

Remarkably beautiful blooming plants, with funnel-shaped flowers, curiously veined and marbled. **New Large Flowering Mixed**—All colors.



PASSION FLOWER.

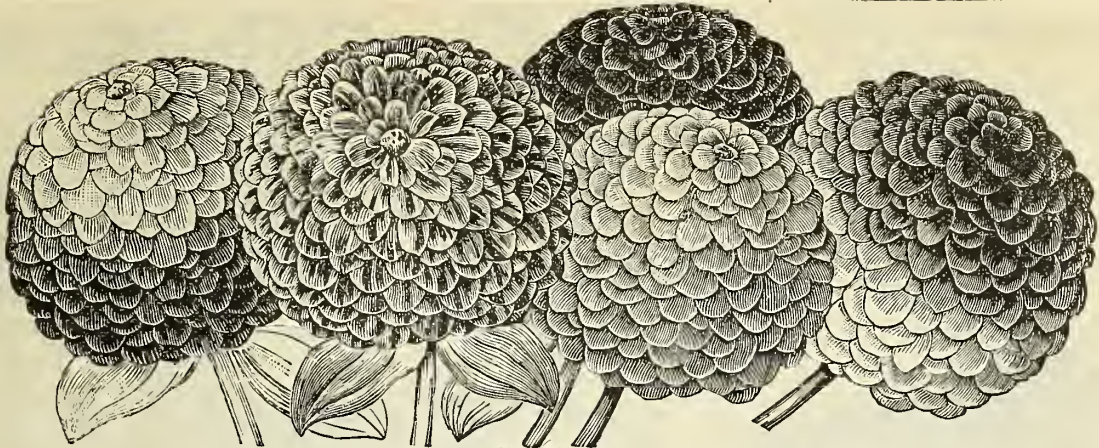


RICINUS.



SALPIGLOSSIS.





Zinnias.

**ZINNIAS.**

The double Zinnia is one of our most showy and brilliant garden favorites.

- Double Pompone**—Large, double, brilliant, mixed, all varieties and colors.
- Double White**—Pure color, very fine.
- Double Scarlet**—Very brilliant.
- Zebra**—Large, handsome, beautifully marked.



Scabiosa.

**SCABIOSA.**

(Mourning Bride, or Sweet Scabious.)

Scabiosa, Finest Varieties Mixed.

**SWEET WILLIAM.**

(Dianthus Barbatus.)

Well-known, free-flowering, hardy plants, admired for their endless variety of beautiful, massive heads, when in bloom.

Sweet William—Single, large flowering, double mixed.

**STOCKS.**

(Gillyflower.)

One of the most popular plants. For its brilliancy of color, profusion of bloom, etc., it is unsurpassed. The ten-weeks Stocks are in bloom from ten to twelve weeks after seed is sown.

Stock, New Large Flowering—The largest and finest varieties, mixed. Pkt. 10c.

Pure White—Pkt. 10c.

Bright Crimson—Pkt. 10c

Purple—Pkt. 10c.

Ten-Weeks—All colors of double mixed. Pkt. 5c.

**WHITLAVIA.**

A pretty plant, with delicate foliage and blue and white bell-shaped flowers.

Whitlavia—All colors.

**WALLFLOWER.**

Flowers very fragrant. Large massive spikes. Profuse bloomers.

Wallflower, Single Mixed

Finest Double Mixed—Pkt. 10c.

**VERBENA.**

**Mammoth Verbena**—Obtained by selection of the largest and most striking flowers. Our strain is very fine. All colors mixed. Pkt. 10c.

**Mammoth White**—Large, very fine. Pkt. 10c.

**Scarlet**—Very brilliant. Pkt. 10c.

**Striped Varieties**—Pkt. 10c.

**Blue Varieties**—Pkt. 10c.

**Red Varieties**—Pkt. 10c.

**Defiance**—Very brilliant scarlet, very fine bedding variety. Pkt. 10c.

**Fine Mixed**.—All colors. Pkt. 5c.

**LEMON VERBENA.**

**Aloysia Citriodora**—Lemon-scented foliage. Pkt. 10c.



Sweet William.



Stocks.



Wallflower.



Mammoth Verbena.

ANY VARIETY OF  
FLOWER SEED,  
5 CENTS PER PACKET,  
UNLESS NOTED.

**NEW MODEL DRILL.**

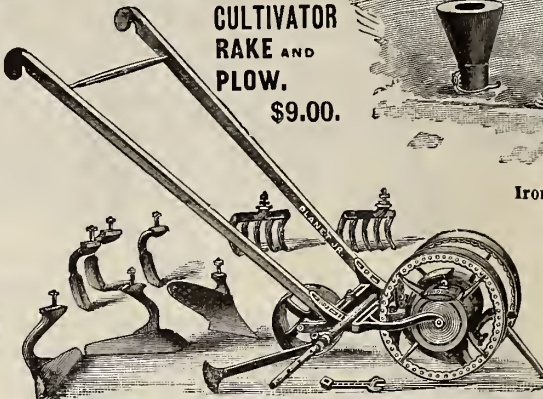
This is without doubt the best seed drill in the market for the ordinary uses of the gardener. We sell ten machines of this kind for every one that we sell of other makes. It always gives satisfaction. **PRICE, \$5.50.**



New Model Seed Drill.

**PLANET, JR.,  
COMBINED DRILL,  
CULTIVATOR  
RAKE AND  
PLOW.**

**\$9.00.**



Planet, Jr., Combined Drill, Cultivator, Rake and Plow.

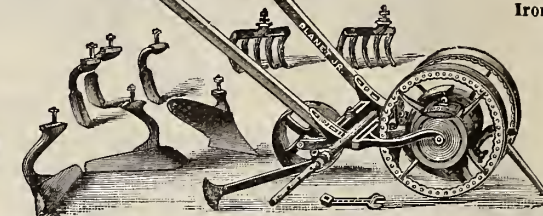
**IRON KING SEED DRILL  
PRICE, \$6.00.**



Iron King Seed Drill.

**PLANET, JR., HILL DROPPING  
AND FERTILIZER  
DRILL.**

**\$14.00.**



**PLANET, JR.,  
HILL DROPPING  
DRILL.**

**\$9.00.**



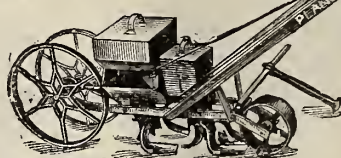
Planet, Jr., Hill Dropping Drill.

Planet, Jr., Hill Dropping and Fertilizer Drill.

**THE  
MCGEE  
CULTIVATOR**

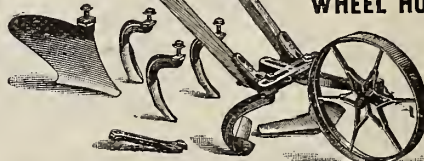
The best garden tool in the market for cultivating with.

**\$3.75.**



**FIRE-FLY SINGLE  
WHEEL HOE.**

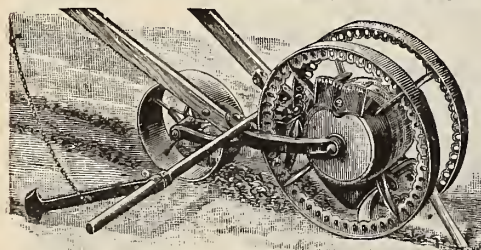
**\$3.75.**



Fire-Fly Single Wheel Hoe, Cultivator and Plow.

**PLANET, JR.,  
NO. 2 SEED DRILL**

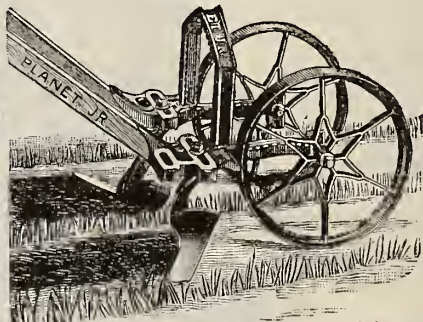
**\$6.50.**



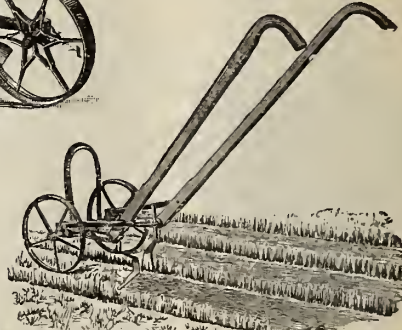
Planet, Jr., No. 2 Seed Drill.

**PLANET, JR., DOUBLE WHEEL HOE,  
PLAIN.**

**\$3.50.**



Planet, Jr., Double Wheel Hoe, Plain.



McGee Cultivator.

**PLANET, JR.,  
SINGLE WHEEL  
HOE, COMPLETE.**

**\$4.50.**



Planet, Jr., Single Wheel Hoe, Complete.

**MATHEWS  
SEED  
DRILL.**

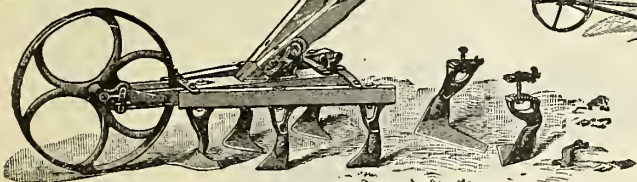
**PRICE,  
\$6.00.**



Mathews Seed Drill.

**TOOLS** that you want and do not find listed here, we will endeavor to supply you at low prices if you will write about them.

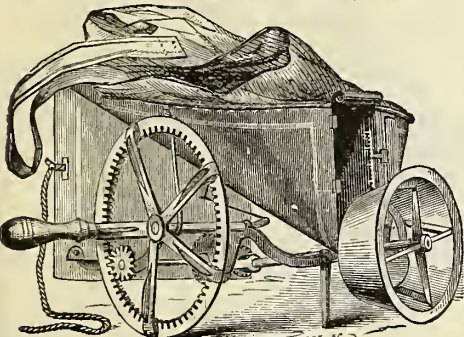
**MATTHEWS' HAND CULTIVATOR**



Matthews' Hand Cultivator.

One of the best as well as one of the cheapest hand cultivators. We deliver it boxed to railroad depot or express office in Chicago. Price, \$3.50.

**CAHOON SEEDER. Price, \$2.75**



Cahoon Seeder.

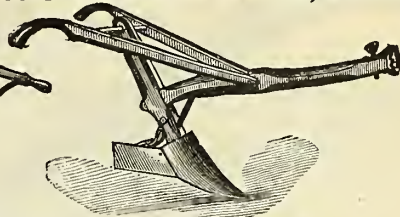


**THE WEED SLAYER.**

Cheap, useful, durable. A great time saver.

The Weed Slayer is very valuable to the small gardener Price, \$1.50

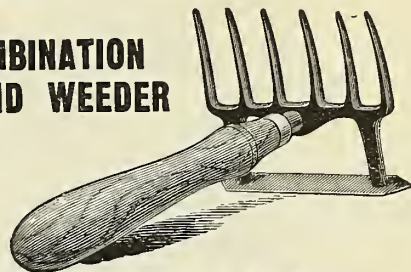
**SHOVEL PLOW. Price, \$3.00**



Shovel Plow.

A very useful tool. No gardener or farmer should be without it.

**COMBINATION HAND WEEDER**



Combination Hand Weeder.

A very useful tool. Both Rake and Hoe. By mail, post-paid, 30c.

Price, Only \$1.25.

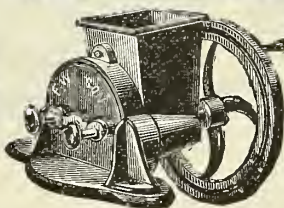
**LITTLE GIANT**



**EXCELSIOR HAND WEEDER**

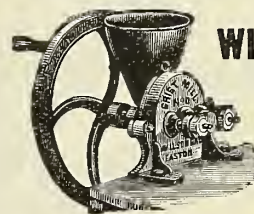


By mail, post-paid, 20c.



**WILSON'S BONE MILL**

All poultry owners should have one of these mills. Price, \$4.50



**WILSON'S GRIST MILL**

Price, \$4.50.

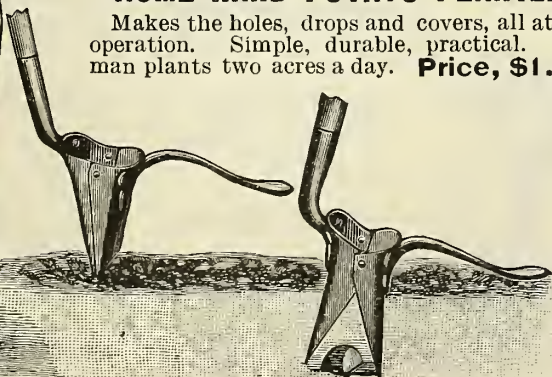


**"PLANET, JR." CATALOGUES**

will be mailed to any one who desires a descriptive list of those goods. Any information regarding tools will be given to any one who desires it. We cannot say everything here. Write to us.

**ACME HAND POTATO PLANTER**

Makes the holes, drops and covers, all at one operation. Simple, durable, practical. One man plants two acres a day. Price, \$1.50.



**LANG'S HAND WEEDER**



HANDIEST TOOL

ON EARTH.

30¢ By Mail PREPAID



**FAMOUS Corn Sheller**

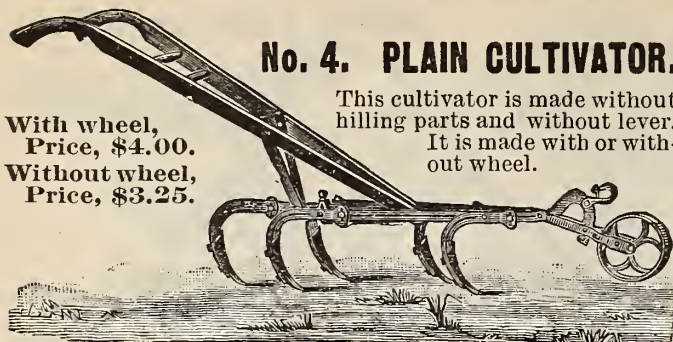
This machine is very useful for those who grow only small quantities of corn.

Price, \$2.00.

**No. 4. PLAIN CULTIVATOR.**

With wheel,  
Price, \$4.00.  
Without wheel,  
Price, \$3.25.

This cultivator is made without hilling parts and without lever. It is made with or without wheel.



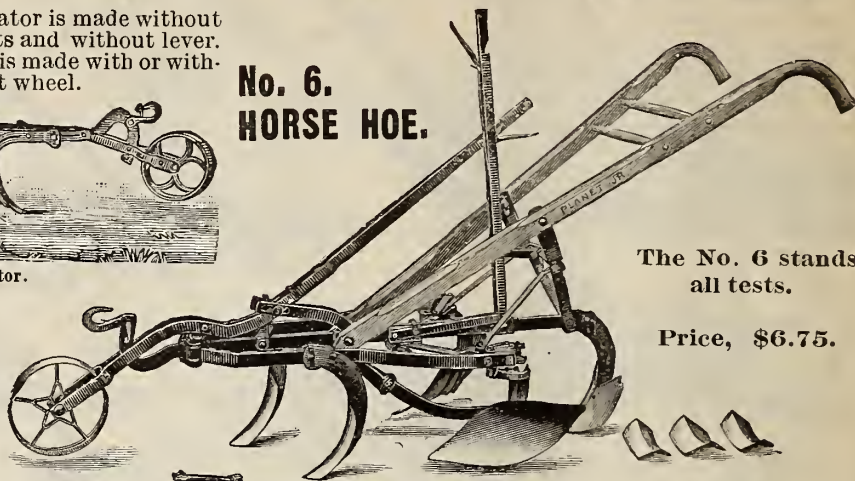
Planet, Jr., No. 4. Plain Cultivator.

**PLANET, JR., HORSE HOES.**

**No. 6. HORSE HOE.**

The No. 6 stands all tests.

Price, \$6.75.

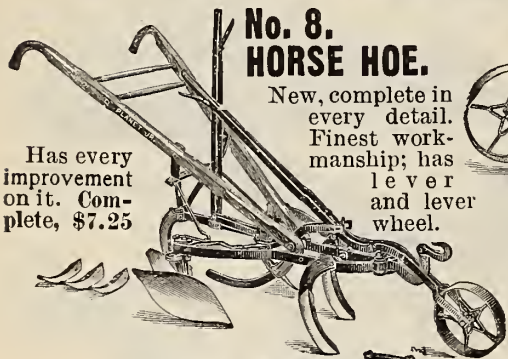


Planet, Jr., No. 6. Horse Hoe.

**No. 8. HORSE HOE.**

New, complete in every detail. Finest workmanship; has lever and lever wheel.

Has every improvement on it. Complete, \$7.25



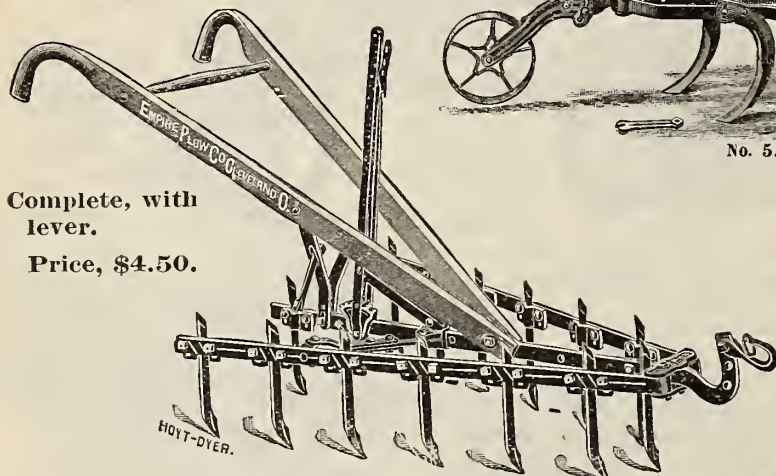
Planet, Jr., No. 8. Horse Hoe.

This tool is identical with No. 6, except that it has no lever for wheel. Many of our customers think it just as good as No. 6, and can save the difference in price.

These Planet, Jr., Horse Hoes are all made of the best steels and are the best in workmanship. No. 5 is best for market gardener.

**EMPIRE 14-TOOTH CULTIVATOR HARROW.**

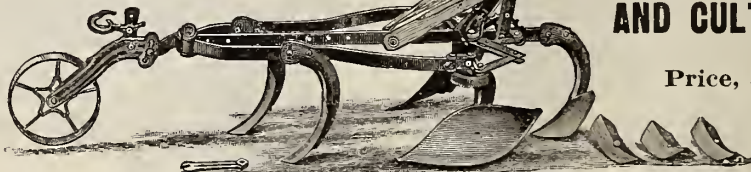
Complete, with lever.  
Price, \$4.50.



Empire 14-Tooth Cultivator Harrow.

**No. 5. HORSE HOE AND CULTIVATOR.**

Price, \$6.25.



No. 5. Horse Hoe and Cultivator.

**STEEL BEAM POTATO DIGGER.**

Price, \$6.50.

**THE BEST TOOL FOR THE MONEY EVER MADE.**



Steel Beam Potato Digger.

**12-TOOTH HARROW, CULTIVATOR & PULVERIZER**

This harrow is a favorite with the market gardener, and also most useful to the strawberry grower. It cultivates deep, without throwing earth upon the plants, and the smooth, round throated teeth turn the runners without injuring them. Price, complete, \$7.00; without Pulverizer, \$5.75; without Wheel and Pulverizer, \$4.50.

**ALL TOOLS DELIVERED TO DEPOT IN CHICAGO AT THESE PRICES.**

# FERTILIZERS.

It is unnecessary to tell our customers that Chicago is recognized as headquarters for Commercial Fertilizer. Here is to be had material for the manufacturing of Fertilizer in large quantities and of highest grade. We have made special arrangements with the factory by which we are able to offer this article at the *lowest wholesale price*, and solicit correspondence from parties wishing large quantities. We can save you money if you buy by the *sack, ton or carload*. Every bag and barrel has a guaranteed analysis.

**FINE RAW BONE, OR FLORISTS' BONE MEAL.**—Every bag is guaranteed pure bone. This well known fertilizer for all fruits, roots, grain crops, pastures, lawns and for potting earth, needs no description. 10 lbs. 50c, 25 lbs. \$1.00, bag 200 lbs. \$4.25, 1000 lbs. \$17.00, ton \$30.00.

**PURE CRUSHED BONE.**—A coarse article, particularly well adapted for use in the preparation of grape vine borders, perfectly pure. Bag, 200 lbs., \$3.00.

**GARDEN VEGETABLE COMPOUND.**—Where applied, vegetables ripen ten to fourteen days earlier, and the increased production is usually one-third to one-half larger than when it is not used. It is put up in bags of 100 to 200 pounds, odorless, clean to handle, and reasonable in price. 50 lbs. \$1.50, 100 lbs. \$2.75, 200 lbs. \$4.50.

**GARDEN CITY SUPER-PHOSPHATE.**—This is a complete manure. Can we say more than this? The more inquiries you make and the more you investigate this fertilizer, the more readily you will use it. Use 200 or 300 pounds per acre. 100 lbs. \$2.00, 200 lbs. \$3.50.

**CELERY GROWER.**—A new carefully prepared manure, especially adapted for celery growing. It is chemically suited to this crop, which demands high manuring. 50 lbs. \$1.25, 100 lbs. \$2.00, 200 lbs. \$3.50.

**NATIONAL BONE DUST.**—ANALYSIS: Ammonia 2 to 3 per cent; Bone Phosphate 20 to 30 per cent. This is an old brand and has friends wherever the goods have been tested. For fifteen years it has visited the farmers in the spring and fall seasons, and it is just as reliable to-day as it was when the first carload was sold. It is made from bone not entirely free from meat, and rarely troubles the farmer when drilling. It is a certain crop producer, and restores worn out soil. Price per bag of 200 lbs. \$3.50, 5 bags or over, per bag \$3.00.

**KAINIT, GERMAN POTASH SALT.**—ANALYSIS: Sulphate of Potash, 24.80 per cent; Sulphate of Magnesia, 14.30 per cent; Chloride Magnesia, 12.52 per cent; Common Salt, 32 per cent; Moisture, 14.36 per cent; Insoluble matter, 1.92 per cent. A comparatively new fertilizer in this country. Price, per bag of 200 lbs. \$2.85.

Sulphate of Potash, per ton \$70.00. Muriate of Potash, per ton \$65.00.

Dissolved Bone. Dissolved Bone Black. Acid Phosphate \$20.00 per ton, bag of 200 lbs. \$2.50, 100 lbs. \$1.50.

**FLORISTS' PLANT FOOD.**—This article has been made at the suggestion of florists, who desired to obtain an inexpensive, effective and odorless preparation, that would act quickly on plants and furnish food for flower and leaf. An application of this plant food will be observed in the vigorous growth of the flowers and a deep green foliage. 5 lbs. 50c, 10 lbs. \$1.00, 25 lbs. \$1.75, 50 lbs. \$2.00, 100 lbs. \$4.00.

**BOWKER'S PLANT FOOD.**—An excellent fertilizer for house plants. Clean to handle, without odor, produces rich green growth and profusion of flowers. Directions for use accompany each package. Small package 15c, by mail 20c. Large package 25c, by mail 40c.

**BLOOD AND BONE FERTILIZER.**—Manufactured of pure blood and bone. The quantity we use of this fertilizer, when applied broadcast for such crops as spinach, cabbage, beets, onions or celery, is from one to two tons per acre, according to the condition of the land. For seed beds of cabbage, lettuce, etc., the same ratio of quantity is used. When this fertilizer is used in rows or in hills for such crops as celery, cabbage or early corn, from 100 to 200 lbs. per acre will be enough. 100 lbs. \$3.00, ton \$50.00.

**LAWN FERTILIZER.**—ANALYSIS: Ammonia 3 to 4 per cent; available Phosphoric Acid, 8 to 9 per cent; Sulphate Potash, 3 to 4 per cent. It can be applied either in the spring, summer or fall as a top dressing at the rate of one pound to sixteen square feet. Stable dressing for lawns is objectionable in appearance, odor, weed seed, and cost. Our *Lawn Fertilizer* overcomes all of these, and supplies the soil with requisite food for a uniform and luxuriant growth of grass. Price, 10 lbs. 50c, 25 lbs. \$1.50, 50 lbs. \$2.00, 100 lbs. \$3.00.

**NITRATE OF SODA.**—Should be sown broadcast, and it is very important to sow it *evenly*. Two or three pounds on a square rod will be beneficial. Price, 25 lbs. \$1.50, 50 lbs. \$2.00, 100 lbs. \$3.25, 200 lbs. \$6.50, 500 lbs. \$15.00.

**LAND PLASTER OR GYPSUM.**—Used by many potato growers. This is excellent to mix with Paris green, at the rate of 100 pounds of plaster to 1 lb. of Paris green. Per bbl. of about 350 lbs. on cars, \$2.25, 5 bbls. for \$10.00, 10 bbls. for \$18.50, on cars at Chicago.

# INSECTICIDES.

**FLOWER OF SULPHUR.**—For destruction of mildew on roses, etc. Blow it over the plants with a sulphur bellows. lb. 10c, 10 lbs. 65c, 25 lbs. \$1.50.

**PERSIAN INSECT POWDER.**—Sure death to all kinds of insects.  $\frac{1}{4}$  lb. 25c,  $\frac{1}{2}$  lb. 40c, lb. \$1.00.

**PARIS GREEN.**—Warranted pure. Write for special quotations in larger lots.  $\frac{1}{4}$  lb. 15c,  $\frac{1}{2}$  lb. 25c, lb. 40c.

**HAMMOND'S SLUG SHOT.**—It kills potato bugs, currant worms, cabbage worms, lice, caterpillars,—in fact every pest known to the gardener—while the mixture is in itself entirely harmless. 5-lb. package, 30c, 10-lb. package, 50c, bbl. (225-260 lbs.) 4c per lb. Tin canisters, with finely perforated top for dusting (filled) 25c ea., by mail prepaid 40c.

**WHALE OIL SOAP.**—Dissolve one pound in five gallons of water, and sprinkle the stems and foliage, using a syringe or force pump. 2 lbs. not prepaid 25c, 5-lb. box 50c.

**TOBACCO SOAP.**—This soap is a most valuable article for shrubs, trees and animals. A single application will in most cases prove sufficient. In case of rose slugs, oleander bugs and red spiders, however, a second application is sometimes necessary.  $\frac{1}{2}$  lb. box, 25c.

**TOBACCO STEMS.**—For smoking plants infested with green fly. Lb. 15c, bbl. \$1.00.

**WHITE HELLEBORE.**—Excellent for destroying rose slugs, currant worms, etc. Lb. 50c.

# THE PRINCIPAL DEPARTMENTS

OF THIS CATALOGUE ARE

	PAGES		PAGES
Introductory Remarks, - - - -	1	Farm Seeds, Grass and Grains, - - -	53-63
Flower Novelties, - - - -	2-9	Flower Seeds, General List, - - -	64-75
Vegetable Specialties, - - - -	10-16	Tools, - - - -	52-76-78
General Vegetable List, - - - -	17-49	Fertilizer and Insecticides - - -	79
Vegetable Bulk List, - - - -	50-52	Rural Books, Useful Tables, etc - -	80

*It may be* That some things in the way of seeds, plants, bulbs or tools have been left out of this catalogue which you may think should be in it. If such is the case **WRITE TO US ABOUT IT.** We want to have our book complete, and we are in the best possible position to answer all questions in relation to all seeds, tools, bulbs or plants needed by gardeners, farmers or amateurs. We know about and can supply everything needed in the garden, on the farm or for the greenhouse. Omissions are hard to guard against in a limited space.

## Useful Books, Sent Post-paid on Receipt of Price.

	PRICE		PRICE
Gardening for Profit. (Henderson).....	\$2 00	The A B C of Potato Culture.....	\$0 40
Gardening for Pleasure. (Henderson).....	2 00	Practical Floriculture. (Henderson).....	1 50
Money in the Garden. (Quinn).....	1 50	Barry's Fruit Garden.....	2 00
Injurious Insects of the Farm and Garden. (Treat)...	2 00	Fuller's Grape Culturist.....	1 50
Asparagus Culture.....	50	Handbook of Plants. (Henderson).....	4 00
Cauliflowers and How to Grow Them.....	20	Strawberry Culturist.....	25
American Farm Book. (Allen).....	2 50	Window Flower Garden.....	75
Our Lawn of Four Acres.....	30	Lawn Planting.....	25
Sweet Potato Culture.....	60	An Egg Farm.....	50
Insects and Insecticides.....	1 25	Profit in Poultry.....	1 00
The New Onion Culture.....	50	Mushrooms, How to Grow Them.....	1 50
Onions, How to Raise Them Profitably.....	20	Canning and Preserving.....	40

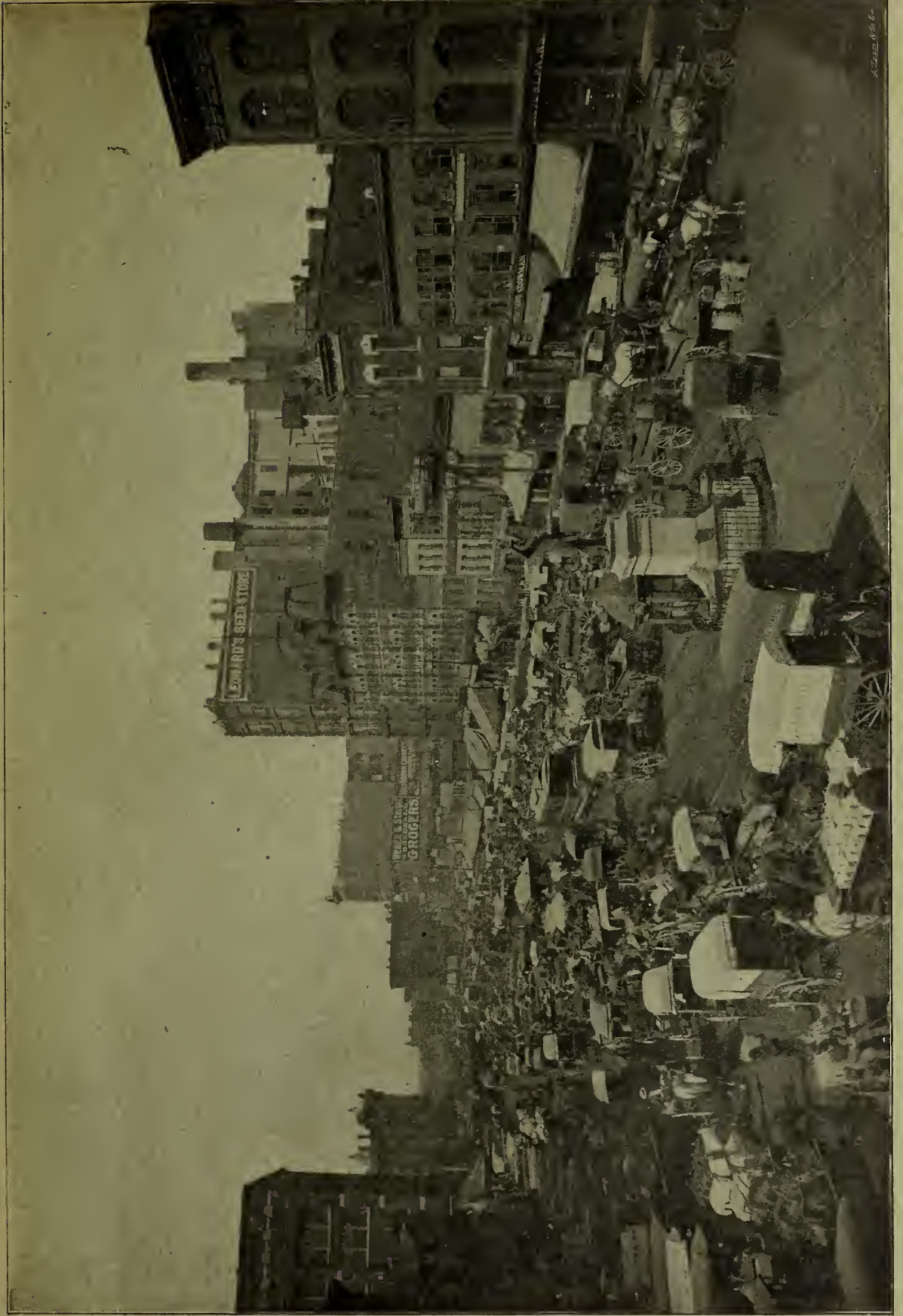
## Table Showing the Quantity of Seed Usually Sown upon an Acre

AND THE NUMBER OF POUNDS TO THE BUSHEL.

	Lbs. per bus.	Qty. to Acre		Lbs. per bus.	Qty. to Acre
Beans, Dwarf, in drills.....	60	1½ bus.	Melon, Musk, in hills.....		2 to 3 lbs.
" Pole, in hills.....	60	10 to 12 qts.	" Water, in hills.....		4 to 5 lbs.
Beets, Table, in drills.....		6 lbs.	Oats, broadcast.....	32	2 to 3 bus.
" Mangel-Wurzel.....		5 lbs.	Onion, in drills.....		6 to 8 lbs.
Broom Corn, in hills.....	46	8 to 10 qts.	" for Sets, in drills.....		50 lbs.
Buckwheat.....	52	1 bus.	" Sets, in drills.....		6 to 12 bus.
Cabbage, in beds to transplant.....		¼ lb.	Parsnip, in drills.....		4 to 6 lbs.
Carrot, in drills.....		3 to 4 lbs.	Peas, Wrinkled, in drills.....	56	8 to 12 bus.
Clover, Red.....	60	20 lbs.	Potatoes (cut tubers).....	60	8 bus.
" White.....	60	12 to 15 lbs.	Pumpkins, in hills.....	28	8 lbs.
" Alsike.....	60	10 lbs.	Radish, in drills.....		8 to 10 lbs.
" Lucerne, or Alfalfa.....	60	20 lbs.	Round Peas, in drills.....	60	1½ bus.
Corn, Sweet, in hills.....	about 48	8 to 10 qts.	Rye, broadcast.....	56	1½ to 2 bus.
" Field, ".....	56	8 to 10 qts	Salsify, in drills.....		8 to 10 lbs.
" for Fodder.....	56	3 bus.	Spinach, in drills.....		15 lbs.
Cucumber, in hills.....		2	Squash (bush varieties), in hills.....		4 lbs.
Grass, Kentucky Blue.....	14	3 bus.	" (running varieties), in hills.....		3 lbs.
" Orchard.....	14	3 bus.	Sugar Cane.....	50	12 lbs.
" English Rye.....	24	3 bus.	Tomato, to transplant.....		¼ lb.
" Red Top.....	14	3 bus.	Turnip, broadcast.....	58	2 lbs.
" Timothy.....	45	¼ bus.	Turnip, in drills, 1 oz. to 250 ft. of drill..		1½ lbs.
" Hungarian.....	48	1 bus.	Vetches, broadcast.....	60	2 to 3 bus
" Lawn, Evergreen.....	14	4 bus.	Wheat, broadcast.....	60	1½ to 2 bus.

## Number of Plants for an Acre of Ground.

DISTANCE APART	NO. OF PLANTS	DISTANCE APART	NO. OF PLANTS	DISTANCE APART	NO. OF PLANTS
3 inches by 3 inches.....	696,960	3 feet by 3 feet.....	4,840	5 feet by 5 feet.....	1,742
4 " " 4 ".....	392,040	3½ " " 3½ ".....	3,555	5½ " " 5½ ".....	1,417
5 " " 6 ".....	174,240	4 " " 1 foot.....	10,890	6 " " 6 ".....	1,210
9 " " 9 ".....	77,440	4 " " 2 feet.....	5,445	6½ " " 6½ ".....	1,031
1 foot by 1 foot.....	43,560	4 " " 3 ".....	3,630	7 " " 7 ".....	881
1½ feet by 1½ feet.....	19,360	4 " " 4 ".....	2,722	8 " " 8 ".....	680
2 " " 1 foot.....	21,780	4½ " " 4½ ".....	2,151	9 " " 9 ".....	537
2 " " 2 feet.....	10,890	5 " " 1 foot.....	8,712	10 " " 10 ".....	435
2½ " " 2½ ".....	6,960	5 " " 2 feet.....	4,356	11 " " 11 ".....	360
3 " " 1 foot.....	14,520	5 " " 3 ".....	2,904	12 " " 12 ".....	302
3 " " 2 feet.....	7,260	5 " " 4 ".....	2,178		



PHOTOGRAPHIC VIEW OF CHICAGO HAYMARKET, TAKEN AT EAST END OF MARKET, LOOKING WEST, SHOWING THE HAYMARKET MONUMENT ERECTED WHERE THE POLICEMEN WERE KILLED AT THE TIME OF THE ANARCHIST RIOT, ALSO SHOWING EAST SIDE OF LEONARD'S SEED STORE.

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## S. F. LEONARD

Seed Farmer and Merchant



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CHICAGO