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U.S. Department of Agriculture  
Washington, D. C.

PRICE LIST  
AND  
DESCRIPTIVE  
CATALOGUE  
1924



# BARTELDES & Co.

COLORADO SEED HOUSE,  
DENVER, COLO.



OFFICE:  
1521 FIFTEENTH STREET.

WAREHOUSES:  
1516 & 1518 WAZEE STREET.



View of our Retail and Mail Order Department.

**To our Friends and Customers New and Old:**

The importance of planting good seeds is the first consideration. Remember, poor seeds, poor crops, no matter how great the pains taken in planting or cultivation. Get only the best. We keep them and our packets are liberally filled. Commissioned seeds, or those peddled about the country are unsatisfactory, and you run risks in buying them. We send out no seeds on commission.

Weights and measures guaranteed and prices as low as those of any other reliable seed house. Our Vegetable Seeds.—We have spared no pains and cost to procure a stock of fine quality, growing most of them ourselves or having them grown for us by the best and most reliable growers in America and Europe, and feel confident that they will prove satisfactory even to the most critical gardeners.

Our Flower Seeds are all fresh, imported from the best houses in Europe. We have a fine and selected stock. Try them.

We carry a large and choice stock of Grass Seeds adapted to the climate of Western States. Orders always filled promptly at lowest market price.

Terms of Sale.—Cash with order. Remittances may be made at our risk by draft, money order, cash by express or in registered letters. We will take 2c. postage stamps in any amount. Money orders are always safe, and in case of loss quick adjustment can be made. Positively no goods sent C. O. D.

**Guarantee.**—Seeds of the best quality are apt to fall through improper treatment by sowing the seed too deep or too shallow, in too wet or too dry soil. They differ greatly as to the temperature required for germination. Some will germinate rapidly at a certain temperature, while others, if sown under the same conditions, are apt to decay. The young plants are liable to various accidents, cold or dry air may check their growth or destroy them. Insects above and below the ground may attack them, and a great many other contingencies may arise to prevent the best seeds from giving satisfaction, and for all these reasons it is impractical to guarantee seeds. Barteldes & Co. give no warranty, expressed or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

**Seeds by Mail.**—We furnish all Garden and Flower Seeds at the prices on the following list, postage paid, except heavy seeds, such as Beans, Peas, Corn, Onion Sets, also Clover, Grain and Grass Seeds. For these it will be necessary to add to the remittance eight cents per pound to cover postage.

**Seeds by Express or Freight.**—When seeds are ordered by Express or Freight at purchaser's expense, and are priced prepaid, customers may deduct from price 10c. per pound. Often we ship prepaid by express seeds offered by mail, when same is convenient for customers to receive goods that way.

**PREMIUMS on Orders for Seeds in Packets and Ounces Only.**

Customers sending.....	\$1.00	\$2.00	\$3.00	\$4.00
May select extra seeds in packets and ounces to value of.....	.25	.50	.75	1.00

This Discount only applies to orders for Vegetable and Flower Seeds in packets or ounces and does not include seeds by weight (¼ lbs. and over), or collections, or bulbs and plants, nor can it be applied to orders sent at different times during the season.

WE PURPOSE TO TREAT ALL ORDERS LIBERALLY. FREQUENTLY WE THROW IN EXTRAS, FOR TRIAL.

**Premium Book with Seed Orders.**

With every order for Vegetable or Flower Seeds amounting to \$3 or more we give Fitch's book, *Vegetable Culture*, free, if asked for when ordering. This is in addition to premium in packets.

Market Gardeners should ask for special price list.

Address all orders plainly to

**BARTELDES & CO.,**

1521 15th St., DENVER, COLO.



**SPECIAL NOTICE.**—Postage on Beans, Peas, Corn, Grass Seeds, etc., 8 cents per lb. extra. Onion Sets, 10 cents per quart extra.

## ORDER SHEET.—COLORADO SEED HOUSE.

Please be particular to WRITE YOUR NAME AND ADDRESS DISTINCTLY AND IN FULL with EACH order. We are continually receiving orders where this is neglected, and are obliged to hold them until we hear again from the writer. Be sure to give Express Office, as some orders can be sent better and cheaper by prepaid Express than by Mail. Do not send personal checks.

**ORDER EARLY**, that the orders may be filled before the stock is broken.  
**Positively no Goods Sent C. O. D.** Our Terms are Cash with All Orders.

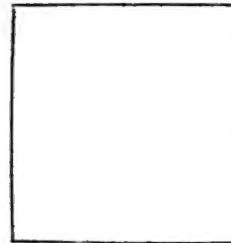
Packed by \_\_\_\_\_  
 Date \_\_\_\_\_  
 Sacks \_\_\_\_\_  
 Box \_\_\_\_\_ Bbls. \_\_\_\_\_  
 Total Number Pkgs. \_\_\_\_\_

## BARTELDES & Co., DENVER COLORADO.

Forward by  State on this line whether wanted  to \_\_\_\_\_  
 by Mail, Express or Freight.

Amount Enclosed, Post Office Order, - \$ \_\_\_\_\_

Your Name \_\_\_\_\_



Express Order, - \$ \_\_\_\_\_

Post Office \_\_\_\_\_

Bank Draft, - - \$ \_\_\_\_\_

County \_\_\_\_\_

Cash, - - - - - \$ \_\_\_\_\_

State \_\_\_\_\_

Stamps, - - - - - \$ \_\_\_\_\_  
 2c. stamps preferred.

Express or Freight Office \_\_\_\_\_

Total, \$ \_\_\_\_\_

Date \_\_\_\_\_ 1907

Additional Order Sheets Sent on Application.

Other Articles Bushels Quarts Pounds Ounces Packages

NAMES OF SEEDS OR OTHER ARTICLES WANTED

Price Total

Please note that Premium Packets are allowed on orders only for seeds in packets or ounces.

Do you grow for Market or Home use? \_\_\_\_\_

If you have any thing to write us with this order, please write it on a separate sheet.

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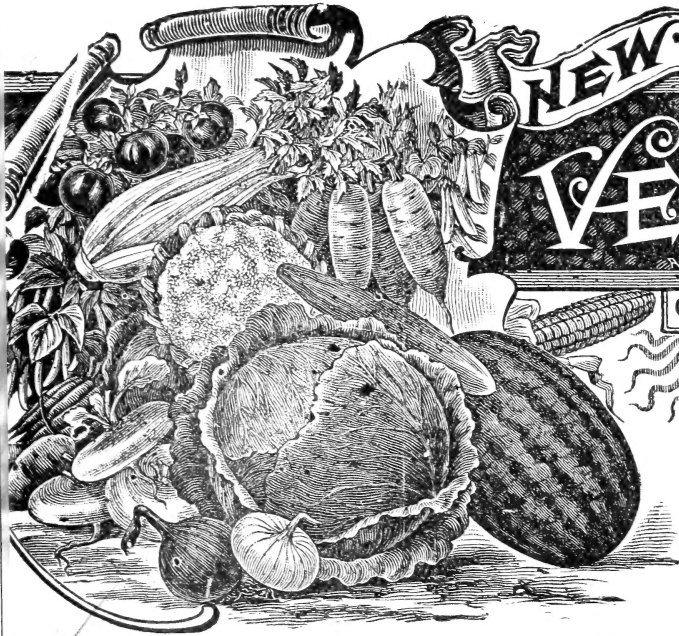
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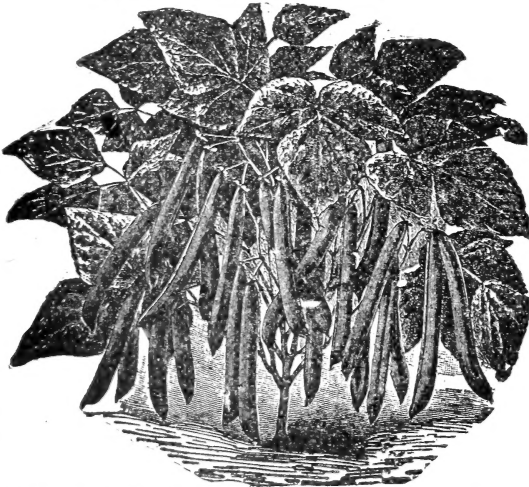
SOME NOVELTIES IN

NEW & CHOICE  
VEGETABLE SEEDS  
OF SPECIAL MERIT.

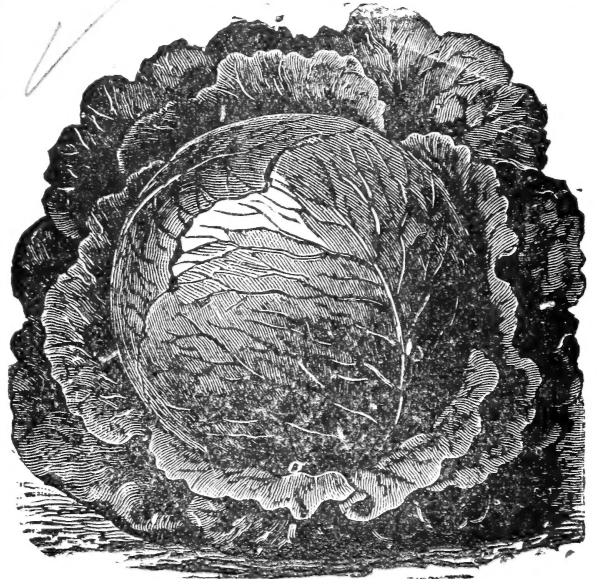


WE are not believers of booming new and untried varieties. All the kinds offered in these sheets are worthy. We have tried them.

Burpee's Stringless Green Pod Bush Bean.  
Earliest of All Green-Podded Bush Beans.



We are not offering this variety as a novelty, but as a variety of special merit and a bean that can be profitably cultivated by our gardeners. The only absolutely stringless green-podded bean in the market. The pod is round, full, and larger and straighter than that of the Red Valentine. In quality it is superior to most other Bush Beans. Rust-proof in all localities as any can be. Vigorous growing; hardy and productive. Exceedingly crisp and tender, and no approach to stringiness; pods long and of delicious flavor. Pkt. 5c., 1/2 lb. 15c., 1 lb. 25c., 10 lbs. \$1.50.



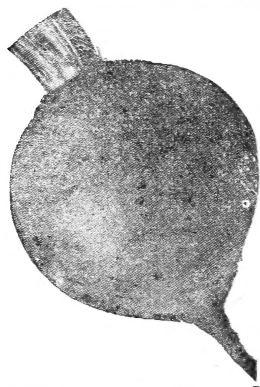
True Danish Ball-Head or Hollander Cabbage.

The variety known as Ball Head has been selected and perfected for more than fifty years by the Danish gardeners; they prize it so highly that they grow it almost exclusively for winter cabbage, and annually export large quantities to London and other ports. It will stand long journeys and keep far into the spring, and it is of most rich and mild taste. Heads round as a ball, of good size, solid and very fine grained, of extremely delicate cooking quality. No other variety has given such large returns with our large cabbage growers as the Hollander. It requires the full season to make matured heads. Do not be deceived by so called Hollander cabbage sold at lower prices. Pkt. 5c., oz. 25c., 1/4 lb. 75c., 1 lb. \$2.50.

Good Seeds are not sold at half price.

New Cabbage, "Glory of Enkhousen."

Our trial with this new Cabbage last season convinces us that it is the earliest large head variety in existence. By July 20 we had heads weighing 13 1/2 pounds each. It is round and very solid, fine ribbed and of excellent quality. We heartily recommend it. Make a trial this season and be convinced of its merits. Pkt. 10c.; 1/2 oz. 35c.; oz. 40c.; 1/4 lb. \$1.00.



## JOHNSON'S DARK-LEAVED : GLOBE : BEET.

Hitherto the improved selections of turnip-rooted Beet have been wanting in that important essential, a dark leaf. The novelty we now offer has not only a dark leaf like the best decorative strains, but is equal in the color of the flesh to any fine selection of the Dell's type. These two important features, coupled with its handsome form, places it in the front rank of this class of Beet. Supply is limited and this season is offered in small quantity only. Pkt. 10c., oz. 20c.

## IMPROVED ARLINGTON WHITE SPINE CUCUMBER.

THE BEST VARIETY FOR FORCING UNDER GLASS.

This is decidedly a money maker for the gardener who is forcing Cucumbers. It has a rich green color throughout its length, and average very straight and symmetrical. It does well in open ground. Pkt. 5c., oz. 20c., ¼ lb. 60c.

BARTELDE'S

### "French Forcing" Lettuce.

For several seasons we have experimented with many strains of lettuce to secure a variety that is especially suited to growing in hot beds and green houses in winter months, and at the same time be a variety that will be liked in our most critical markets. We have now secured this French variety that we believe suits our trade better than any variety yet ever introduced. It is sufficiently curly to be attractive, yet makes a reasonable solid head with scarcely any outside leaves. Its solid upright shape allows of close planting, and less likely of rotting on lower leaves. It also does well in open ground. Gardeners will do well with it, either in or out doors. Liberal packet 5c., 1 oz. 15c., ¼ lb. 50c.



## Denver Market . . . "Forcing" Lettuce. For Growing Under Glass.

We introduced the Denver Market variety over a dozen years ago, and we have no contradictions when we say it is one of the best forcing varieties in our market today. This is why we make special mention of this in our Novelties. The greatest difficulty we encounter is to have enough seed for late orders, thus you will do well to order liberally and early. This "Forcing" is a very select strain of our Denver Market and is a money-maker. Pkt. 5c., 1 oz. 20c., 2 oz. 35c., ¼ lb pkg 60c.

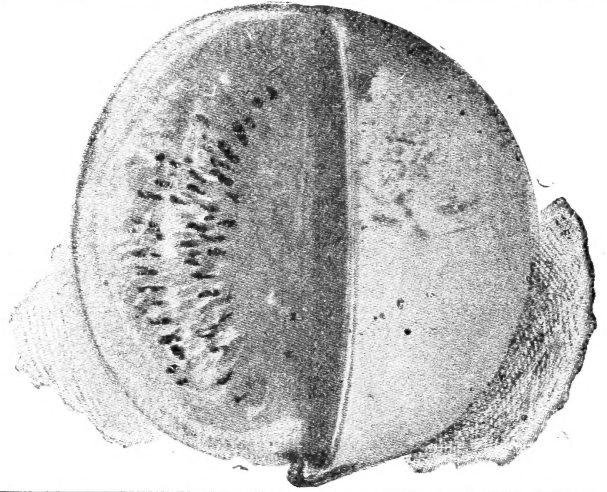
## MUSTARD—OSTRICH PLUME.

The leaves are long, ruffled and frilled and curved as gracefully as an Ostrich Plume. Is especially good as a salad and as greens; it is equal to spinach. The growth of leaves makes it a very ornamental plant. Pkt. 5c., oz. 15c., ¼ lb. 45c.

For Spray Pumps, Insecticides, Tobacco Dust, etc., see page 77.

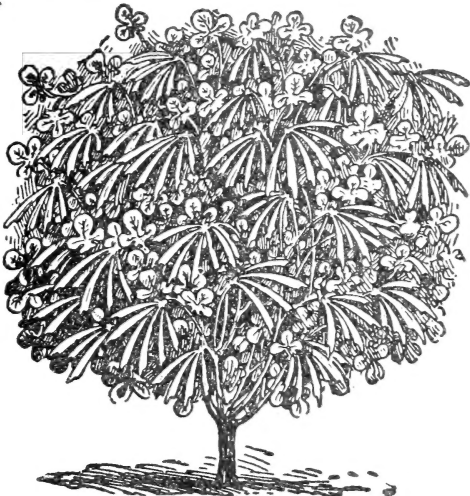
# KING AND QUEEN WINTER WATER MELON

Average Weight 25 pounds. Spherical in shape, ivory shell, pink center, seeds black. The most luscious, handsome and valuable winter melon in the world. It is very hardy, does well in any soil which grows melons, never sets an imperfect specimen on its vine, ripens every melon in less than 120 days, has not yet crossed with any other melon. It is mother and father of all melons; this is why a lady at the Salt Lake state fair two years ago gave it the name of King and Queen. It is a prize taker anywhere, and we are the only seed house in America that can offer you seeds. These melons have been shipped into this market as late as December, and have sold at five cents per pound to the dining car service of the Rio Grande Western. Ripens on the vine third week of August and does not change its condition for ninety days if not bruised. Shell is as hard as an egg shell and the melon ripens to within one-eighth of an inch of the shell. Pkt. 15c., oz. 50c., ¼ lb. \$1.50.



## COLORADO GROWN YELLOW DANVERS ONION.

For four years we have had contract with a Larimer county onion grower to grow expressly for our trade a select strain of Yellow Danvers Onion, that is perfectly pure in strain and makes a desirable shape of globular form. This is the best producer by far of any variety grown. We are willing to have it tried with any stock in the world. It is acclimated to high altitude. In comparing with the ordinary strains of Danvers Onions it is worth double in price. Oz. 20c., ¼ lb. 50c., lb. \$1.25; 4 lbs. prepaid for \$4.35.



## CHINESE SAGO BEANS...

We quote what the introducer says:

"When traveling in California we spent considerable time on a 600 acre farm which was devoted to growing standard vegetable and flower seed and novelties from all parts of the world. We noticed here that the kind of food called *Loukdaw*, which seemed to be the most relished by the farm workmen, was a small, round green bean, smaller than a kernel of popcorn or about the size of sago. To prepare it for the table it was soaked in water for several days, changing water frequently until it began growing and the sprout was about half an inch long. When boiled they made a nice fresh dish for the table. In this way fresh vegetables can be had in the winter. We tried growing them on our place last summer and they yielded wonderfully well so we take pleasure in offering them to our customers. It will make a new dish for your table and a fresh vegetable ready at any time of the year."

Pkt. 10c., oz. 20c., ¼ lb. 50c.

## GARDEN SEED COLLECTION. 30 Well-filled packets of Garden Seeds for \$1.00

One Package of each of the following:

Yorkshire Hero Peas.  
Alaska Peas.  
Cheese Pumpkin.  
Denver Market Lettuce  
Dwarf Champion Tomato,  
Early Minnesota Sweet Corn,  
Eclipse Beet.  
Hubbard Squash.  
Glass Radish.  
Rocky Ford Watermelon.

Hollow Crowned Parsnips.  
Rocky Ford Muskmelon.  
Jersey Wakefield Cabbage.  
Golden Wax Beans.  
Kolb Gem Watermelon.  
Long Green Cucumber.  
Curled Cress.  
Moss Curled Parsley  
New Stone Tomato.  
Non-Plus-Ultra Radish.

Early Summer Cabbage.  
Oxheart Carrot.  
White Bush Squash.  
Prizetaker Onion.  
Purple Top Turnip.  
Rosy Gem Radish.  
Red Wethersfield Onion.  
Early Blood Turnip Beet.  
Boston Pickle Cucumber.  
White Plume Celery.

A COMPLETE FAMILY GARDEN FOR ONE DOLLAR.

As these Garden Seed collections are put up in advance, we cannot allow any change from above. The above collection, will be sent by mail postpaid. No Premiums allowed on this collection.

Our prices on Seeds in pkgs., oz., ¼ and lbs., include postage, except where noted. If sent by Express or Freight, customer paying charges, 10¢ per pound may be deducted from catalogue prices, except on heavy seeds such as Beans, Corn, Peas, Onion Sets and Grass Seeds.



# Prosperity, or Gradus Peas. :-:

## A Great Extra Early Wrinkled Pea. ———

This remarkable Pea is not only large and of the best quality, but it is nearly or quite as early as the small, round, extra early sorts. It is sold under two names, but the two strains appear to be identical. It is hardy and may be planted as soon as the ground is fit to work in spring, along with smooth Peas.

Gradus is a wrinkled Pea, with vine growing about 30 inches high. The pods are of a bright green color, and measure 4 inches or more in length, being as large as a Telephone and equally well filled with luscious peas—8 to 10 or more in a pod. The Peas are a first-class table quality and retain their color and attractive appearance after cooking. It is a grand Pea in all respects. Our stock this year is grown in our mountain district and especially suited for Western Gardeners.

Large packet 10c., qt. 20c., 1/2 bu. \$2.50.

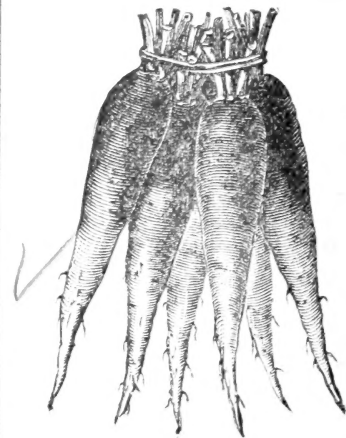


## NEW WHITE

# “Icicle” Radish

Entirely distinct long, slender, pure white. Very early; much the earliest and finest long white. It is ready for use fully as early as the Long Scarlet Short Top, with less foliage, rendering it most desirable for forcing. In the open ground the roots continue brittle, crisp and mild, until they are fully as large as those of the Long Brightest Scarlet. It is ready for use following the olive-shaped Earliest White, and destined to become a leading variety. In recent years strains of White Wood's Frame and White Charters have been introduced and found of poor quality, but the Icicle is, perhaps superior to the finest red ones. Roots pure snowy white, four inches in length and half an inch in diameter; they retain their crispness and fresh, mild flavor until fully six inches long and an inch in diameter.

Pkt. 5c., oz. 10c., 1/2 lb. 30c., 1 lb. 41c.

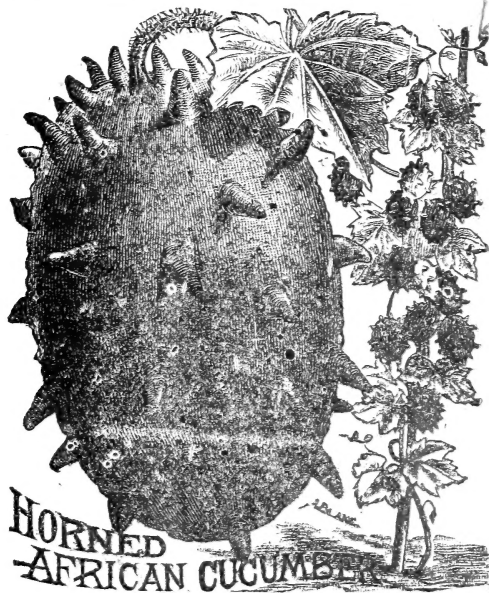


## Barteldes Glass Radish.

This radish comes from the same gardener in Denver, who originated the Denver Market Lettuce, and is a fine acquisition. It is a long radish of light pink color, white tipped, of uniform size. The flesh is transparent white, always crisp and brittle, even if grown to a large size, and mild flavored. It was named “Glass Radish” on account of the fine transparency of the flesh.

Like the Denver Market Lettuce, we include it in the Novelties because it is worthy of special mention. Its crispness and earliness is remarkable. Our leading gardeners get their best margins from growing this radish.

Pkt. 5c., oz. 10c., 1/2 lb. 30c., 1 lb. 41c.



A REMARKABLE curious novelty which is not only an excellent fruit for table use or pickling but is a high ornamental climbing vine of most luxuriant growth and fine for trellis or screen. It is the fruit, however, which is the most curious and distinct feature. It averages when mature, about 4 inches long by 2 1/2 in diameter, and is covered with strong protruding points or horns. The skin is perfectly smooth and of a very deep dark green. When the fruits ripen they turn a brilliant orange and yellow, in speckled and clouded effects, and are then highly ornamental. Will keep sound for weeks.

Pkt. 10c., oz. 25c.

## Rocky Mountain Columbine.



This is Colorado's emblematic flower, and is also embodied in our trade mark. The shade of blue in the blossom is a color not easily described and yet remembered by all who have ever seen it in the Rocky Mountains. We have shipped both plants and seeds to foreign countries as well as to nearly every state in the Union. It is perfectly hardy, grows one to three feet high and produces blooms in great profusion. Is decidedly of different shape blossom from the common *Acquilegia*. It needs to be seen to be appreciated. Pkt. seed 10c. Strong Roots in season, each 20c., 3 for 50c., postpaid.



## STOKESIA CYANEA, The Cornflower or Stokes' Aster.

This is one of our most charming and beautiful native hardy plants. The plant grows from 18 to 24 inches high, bearing freely, from early July until frost, its handsome lavender-blue *Centaurea*-like blossoms, each measuring from 4 to 5 inches across. It is of the easiest culture, succeeding in any open sunny position, and is not only desirable as a single plant in the mixed hardy border but can be used with fine effect in masses or beds of any size. Like many other native plants which are neglected at home, this is grown in considerable quantities in Europe to supply the demand for blue cut-flowers in the Autumn.

We have no hesitation in saying that *Stokesia* is one of the most valuable and desirable hardy plants offered. This season we offer seed only. Packet 10c.

## MEXICAN BURNING BUSH.

This we consider one of the most ornamental border or hedge plants which has ever been brought out and it is sure to attract great attention: It is known botanically as *Kochia Scoparia*. It grows quickly from seed sown in the open ground. The plants are always of the rounded or globe-like form shown in our illustration. The plants branch freely, and the stems are clothed with slender light-green leaves. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers. The bushy plants resembling balls of fire. The plants are equally showy planted singly to show the round, ball-like form on all sides or grown in continuous rows. Per pkt. 10c.



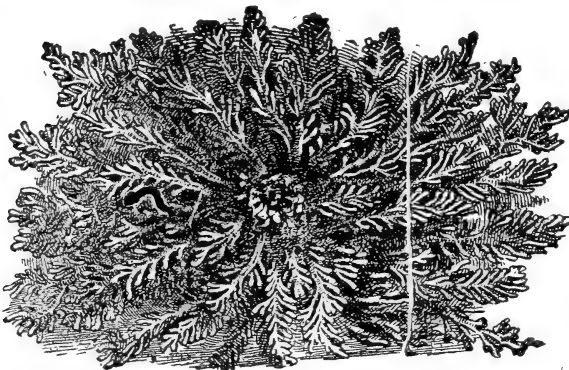
## ..NYMPHAEA ZANZIBARENSIS...

(Zanzibar Water Lilies.)

RED AND BLUE FLOWERED. Beautiful and showy Water Lilies which can be grown readily from seed, blooming freely the first season in tubs or half-barrels on the lawn. The flowers are similar to those of the well-known fragrant white *Nymphaea*, or Water Lily, but are beautifully shaded with deep rose-pink, or rich sky-blue on the different plants. We do not offer seed in separate colors, as they cross or change color so rapidly. Seed should be planted early in spring when the days become bright and warm, in a shallow dish or pan of water partly filled with rich soil. This should be placed in a warm sunny window, and when young plants are well started they can be transplanted to large tubs or barrels in the open air after trees are well out in leaf. These should contain at least twelve inches of rich soil and then be filled with clear water to the top; set young plants twelve inches apart each way in the earth at the bottom of the water. These plants begin to bloom quickly and continue to produce flowers until severe frost in fall.

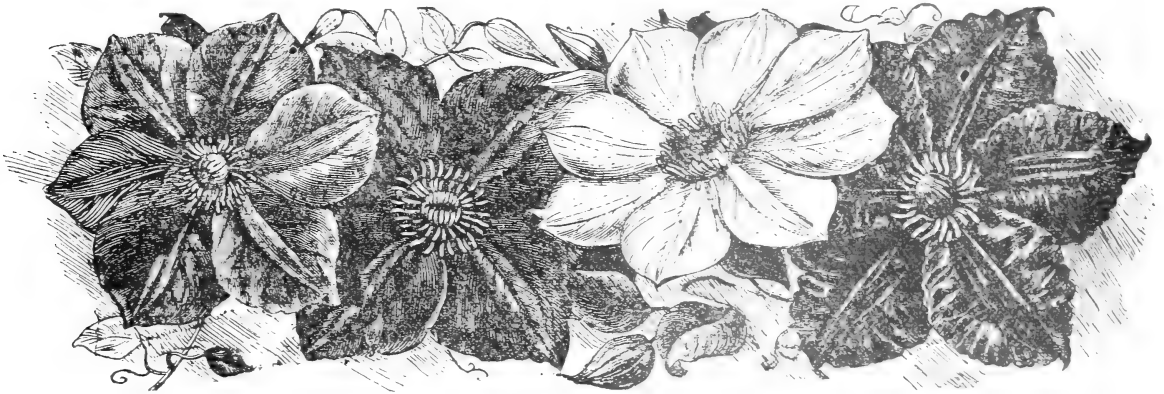
Per pkt. 10c., 3 pkts. for 35c.

## RESURRECTION PLANT...



A truly marvelous plant. When you receive it from us it is a shrunken ball of coiled up leaflets, but when immersed in tepid water one frond-like tip unfolds slowly outward, then another, and another until in a short time the whole plant has resurrected, flattened out into a plant-like shape, and transformed into a lovely rosette of beautiful velvet green, fern-like moss, both odd and marvelous. It will grow nicely if planted in a warm, moist shady place, but being nearly or fully matured in size and growth when gathered, it need not be planted at all, as the plant will keep just as well in a trunk or any other dry place in the house, for ages in a perfectly fresh and healthy condition, and can be resurrected at will, time and again, indefinitely, by being allowed to curl up and become dry each time, after having been fully opened out by water. Price by mail: Large size bulb 25c., 3 for 60c.; medium size bulb 15c. each, 2 for 35c.; small size 10c. All prepaid.

# • • A Grand Collection of Clematis. • •



MADAME VEILLARD.

JACKMANNI.

HENRYI.

MADAME EDOUARD ANDRE.

The Clematis is one of the grandest climbers for arbors, trellis, etc., and very suitably so for our Western homes. We are enabled to make the following special offer:

## 4 LARGE PLANTS OF GRAND CLEMATIS \$1.50.

YOU PAY EXPRESSAGE.

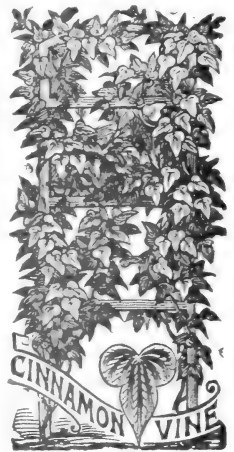
*MME. EDOUARD ANDRE, Red.*

*MME. BARON VEILLARD, Pink.*

*JACKMANNI, Purple.*

*HENRYI, White.*

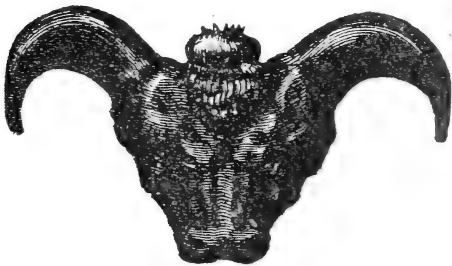
The roots will be carefully labeled and packed, delivered to any Express Co., this city.



## CINNAMON VINE

This beautiful climber possesses the rare quality of emitting from its flowers the delightful odor of cinnamon, and is very appropriately called the Cinnamon Vine. Perfectly hardy, the stem dying down every autumn, but growing again so rapidly as to completely cover any trellis or arbor very early in the season. With its beautiful heart-shaped leaves and clusters of delicate white flowers and delicious cinnamon odor it is a most desirable climber. We furnish the large tubers, postpaid, for 10c., 3 for 25c., doz. \$1.; second size, 2 for 15c., doz. 60c.

**CINNAMON VINE BULBETS.**—Quite satisfactory but do not produce as much vine as the large roots the first year. Per doz. 25c.



## CHINESE HORN NUTS.

A large and most singular appearing nut, resembling buffalo horns, which is known botanically as *Trapa Nutans*. It is a native of China, and is largely used as a food there and in some parts of southern Europe. It is a swamp plant, and will grow well in a jar of water. An ordinary glass fruit jar will do. The nuts sprout in about ten days, and their growth is very interesting and rapid, and sometimes they produce quite pretty flowers. Can be grown in an aquarium. These nuts are sold in curio stores and elsewhere at 10c. to 25c. each. We offer them in pkts. of 3 nuts for 15c.

## BURBANK'S "SHASTA DAISIES."

NEW

The seed we offer is Mr. Burbank's own selection and therefore vastly superior to seed saved from inferior plants. "Today no other flower can compare in extent of usefulness. Their first qualification is hardiness. They can be grown out of doors by everybody where it is not cold enough to kill oak trees. Second, they are perennial, blooming better and more abundantly each season. Third, they can be multiplied rapidly by simple division, and they are not particular as to soil. Fourth, they bloom for several months—in California nearly all the year. Fifth, the flowers are extremely large and graceful—averaging about a foot—often more in circumference, with three or more rows of petals of the purest glistening whiteness on single, strong, stiff, wiry stems, nearly 2 feet in length." Pkt. 15c. Plants 3 for 50c.

HARDY ROSES--WE HAVE THEM IN A FULL ASSORTMENT. See Page 64

## Swadley Field Corn.

NEARLY AS HARDY  
AS WHITE  
AUSTRALIAN AND  
FULLY AS EARLY,  
AND YIELDS MORE  
MATURED CORN.

This cut is a fair representation of the true Swadley Field Corn which was originally brought to Jefferson County, Colorado, from the mountain farms of Virginia twenty years ago, by Mr. George C. Swadley. He has cultivated it ever since and has supplied us for several seasons, though never having enough to fill all orders.

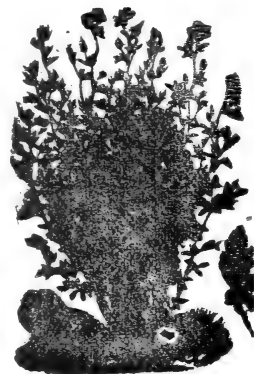
We are firmly convinced that it is the corn for uplands and worn out soils, where it produces 20 to 35 bushels of ears per acre. It stands drouth nearly as well as White Australian. It is much softer kernel, being a pale yellow dent. The ears will average 8 inches long, 12 to 16 rowed. One-third of the crop will yield 2 ears on a stalk, maturing in 90 to 100 days. Eight pounds of seed will plant an acre, 3 feet, 8 inches, check-rows. This is the corn for our short season districts. Give it a trial, you will be pleased. Price, lb. 10c., 3 lbs. 25c., 10 lbs. 50c., postage extra. For large quantity, see price list Field Seeds.



## TURKESTAN ALFALFA.

A GREAT DROUTH RESISTER.  
IMPORTED FROM EASTERN EUROPE.

THIS most valuable new variety was sent out by the Department of Agriculture five years ago in a small way, and it has given such excellent satisfaction that we have decided to list it. Two years ago we made a trial and have waited two seasons before we decided to offer it to our customers. It is more hardy than the ordinary variety, having stood a temperature of 40 degrees below zero when the ground was bare. It will also stand extreme drouth, as it comes from a locality where the summers are very dry and hot, and the winters extremely cold. It is considered of the highest value throughout Central Asia, and is practically the only hay fed to the cattle there. We believe that the farmers of this country will find it of special value, as it is superior to the common variety, growing more vigorously and making not only a larger top growth, but much better root growth. Trial pound, 40c. postpaid. 5 to 20 lbs. not prepaid at 25c. per lb.



## Pencilaria,

... AN IMMENSE PRODUCER  
OF GREEN FODDER. ...

WE have frequently announced in our Annual Catalogue that we refrain from offering to our customers the "new varieties" until we had tried or satisfied ourselves that these new varieties have merit. Pencilaria has been experimented with two and three years, and from near



## ...SPELTZ...

One of the characteristic qualities of this cereal which commends it at once to cultivators is its ability to make a good crop in almost any condition of soil or climate. It is a drouth resister and usually quite winter hardy. At the same time the damaging effects of rains upon grain at harvest time in wet districts do not usually occur with this cereal. It will thrive also on poor lands, in stony ground, in forest regions or on the prairies. The attacks of rusts and smuts do not affect it as they do ordinary wheats. Recently unusual interest in its cultivation has been developed.

Many men are now experimenting with the cereal to a considerable extent, especially in the west. Wherever the cereal has been grown it has uniformly given good results particularly from the standpoint of hardness and yield. The most results have been obtained in North and South Dakota and Colorado, but it has also succeeded well in several other states. Has been matured at altitude of 8,000 ft. It is very resistant to drouth; in districts where it is otherwise adapted it gives excellent yields. The indications so far are that Speltz will become a regular and valuable crop for stock feeding. The grain issued to compare well with oats and barley for this purpose. It is readily eaten by all kinds of stock and has shown itself to be especially adapted when fed to milch cows, and horses do well on it.

Sow 70 to 80 lbs. per acre very early, same as barley or oats. Our seed is Colorado grown. Lb. 20c., postpaid; 10 to 25 lbs. not postpaid at 4c. lb., 50 lbs. for \$1.50, 100 lbs. for \$2.75.

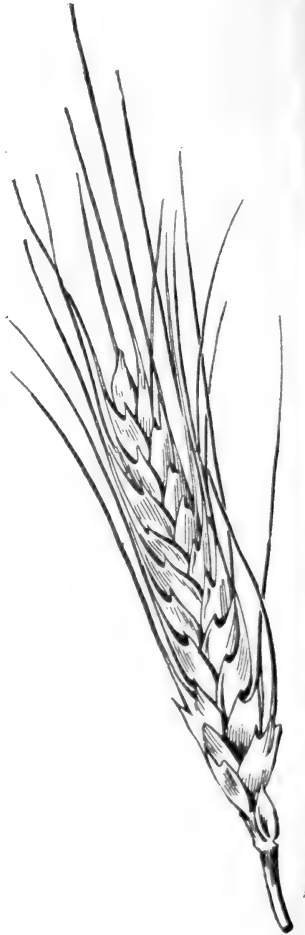


# MACARONI WHEAT.

“ARNAUTKA.”

The Wheat used for making Macaroni, A Wheat that will grow where others fail.

A variety that contains a great percent of gluten.



SEVERAL farmers in Colorado have grown this variety for two successive seasons, and all report favorably. We wish to quote from *Omaha Trade Exhibit* of Sept. 5, 1903: "American farmers have met with phenomenal success in growing macaroni wheat in the states of Nebraska, North and South Dakota and Colorado from seed imported from Europe in 1901 and 1902, and will result this year in by far the greatest acreage of this wheat yet planted in the west. The following results by the acre obtained from macaroni wheat, as compared with the ordinary variety, in a typical wheat region, explains the desire of the farmer of the grain belt to include macaroni wheat in his list of crops; 30 bushel macaroni wheat, 12 bushel ordinary wheat per acre on average." Reports in Colorado give several instances of 40 and 42 bushels per acre.

It does well on alkali soils and produces crops in dry seasons where others fail. More of our farmers should try it. Millers in Kansas and Nebraska have already put in special machinery for grinding it.

Our seed this year is Colorado Grown—  
10 to 25 lbs. at 5c. per lb., 50 lbs. for \$2.00, 100 lbs. \$3.50.



# New Market Oats.

Our stock seed was Imported

From Scotland a year ago.

THE variety comes to us so well recommended by Mr. Grubb, who grew it this last season, that we feel like urging our Western Farmers to all give it a trial. The growth is very erect, and while the stem is large, it carries much more nutriment as a fodder than any American variety of Oat grown in Colorado.

THE YIELD LAST SUMMER WAS ENORMOUS,  
AND VERY EARLY INDEED. . . . .

The grain is simply handsome, large kernel, with clean bright color. This years crop averages 42 lbs. to the bushel, yet is NOT HARD kernel.

This supply is about 5000 pounds, thus we can sell in limited quantities only.

32 lbs. for \$1.50, 64 lbs. (enough for one acre,) \$ 2.75.





DESCRIPTIVE  
CATALOGUE

OF  
**VEGETABLE  
SEEDS**

GARDEN SEEDS  
BY MAIL.

We will furnish Garden Seeds, at the prices on the following list, post paid, except heavy seeds, such as Beans, Peas, Corn, and Onion Sets. For these it will be necessary to add to the remittance 8 cents per pound to cover postage. Half pounds sold at pound rate, except Beans, Peas and Corn. When seeds are priced prepaid and wanted by express or freight at purchaser's expense the postage may be deducted.

You may select Seeds in  
Packets amounting to

**\$1.25 for Every \$1 Sent Us**

for Seeds Ordered in  
Packets and Ounces.

Positively no premiums on orders except Packets and Ounces.

**ARTICHOKE.**

**LARGE GREEN GLOBE.** The best sort for general use. Buds large, nearly round; scales pale green, shading to violet at the base, very thick and fleshy. This is the French Artichoke, the large flower buds of which are so highly esteemed, and is very different from the plant cultivated for its fleshy roots or tubers. Pkt. 5c., oz. 35c., ¼ lb. \$1.  
**JERUSALEM.**—See Roots in back part of catalogue.

**ASPARAGUS.**

One ounce will sow about 50 feet of drill for transplanting and produce about 300 plants.

**CONOVER'S COLOSSAL.** A mammoth sort, frequently sending up fifteen to thirty sprouts from one to one and a half inch in diameter from a single plant, and spreading less than most sorts. Color deep green; quality good. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1 lb. 60c.

**THE PALMETTO.** This variety is earlier than others, a better yielder, more even and regular in growth, and is fast becoming the favorite sort everywhere. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 75c.

**COLUMBIA MAMMOTH WHITE.** An entirely new and magnificent variety of asparagus, which is sure to be in great demand, because it furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and because it can be absolutely depended on to give 80 to 90 per cent white plants from seed. There is no question but this is the greatest advance of the last quarter century in asparagus improvement, and no grower can afford to be without it. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 75c.

Roots of above varieties 30c. per dozen, \$1.25 per 100, by mail.

**BEANS.**

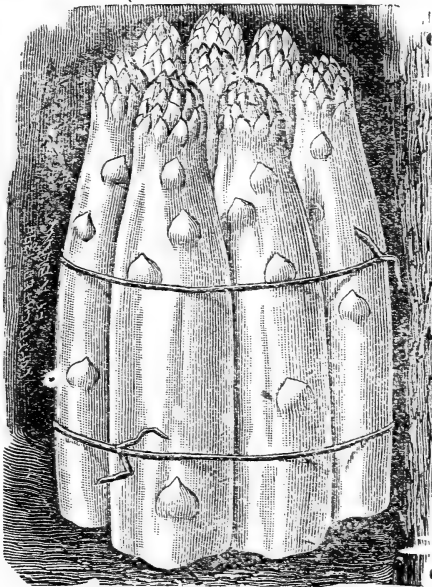
**DWARF OR BUSH VARIETIES.**

(Postage 8c. per pound extra.)

One pound will plant about 60 feet of drill, 60 to 80 pounds for one acre,

**GREEN POD VARIETIES.**

**BURPEE'S STRINGLESS GREEN POD.** See novelties.  
**GIANT STRINGLESS VALENTINE.** Resembles the Valentine, though pods average one-third larger and usually are stringless. Is fully a week earlier than the Improved Valentine. Pkt. 5c., ¼ lb. 10c., 1 lb. 20c., 2 lbs. for 35c., 10 lbs. \$1.35.  
**EARLY YELLOW SIX WEEKS.** An early snap-short variety, producing edible pods thirty days after germination. Very bushy, erect. Pods long, flat, straight. Pkt. 5c., ½ lb. 10c., 1 lb. 15c., 2 lb. 25c., 10 lb. \$1.  
**IMPROVED EARLY RED VALENTINE.** Is ten days earlier than any other stock of Valentine beans ever offered. In addition to this, it is more productive, grows a stronger and more thrifty vine, and yields larger and better filled pods than does any other strain of this variety. A single trial cannot but convince the most skeptical that it is all we claim. Pkt. 5c., ¼ lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.  
**REFUGEE, or BROWN SPECKLED VALENTINE.** Matures in forty days after germination; pods round and fine in flavor. Habit of growth vigorous—requires twice the ordinary room. Pkt. 5c., ¼ lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.



Columbia Mammoth White.

**DWARF HORTICULTURAL.** Vines are very compact. Pods medium length. It is undoubtedly the best variety for green shelled beans, in which condition they are very large; also good as a shelled bean for winter use. Pkt. 5c.  $\frac{1}{2}$  lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. \$1.

**LARGE WHITE MARROW or CORN HILL.** A large round oval white bean, of excellent quality, shelled green or dry. Very tender, rich and one of the most productive beans grown in the garden or field. Pkt. 5c., 1 lb. 15c., 10 lbs. \$1.

**BROAD WINDSOR.** This class is very hardy, and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and two inches deep, in hills four feet apart. To insure well filled pods, pinch off the tops as soon as pods begin to set. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., 1 lb. 25c., 10 lbs. \$1.50

## WAX POD VARIETIES.

**DWARF BLACK WAX.** Known in many localities as "Butter Beans." A very superior Snap-short, ripening among the first earliest, and having the best characteristics. Pods round, yellowish-white, fine flavor. Continues in bearing 40 days. Habit of vine dwarf and compact. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

**CHALLENGE DWARF BLACK WAX.** A distinct extra early wax bean; vigorous and productive. Pods large and of good color, growing uniform and well together. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

**CURRIES RUST-PROOF BLACK WAX.** It has been claimed that this variety is absolutely rust-proof, and we have found it as nearly rust-proof as any good wax bean can be. Vine very vigorous, hardy and productive. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

**IMPROVED GOLDEN WAX.** This variety is pronounced to be the very best dwarf bean known. The pods are large, long, brittle and entirely stringless, and of a beautiful, rich golden wax color. As a Snap Bean it excels every other variety in tenderness and rich buttery flavor, while as a Shell Bean, for winter use, it has few or no superiors. It is of compact growth. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., 1 lb. 15c., 10 lbs. \$1.25.

**WARDWELL'S KIDNEY WAX.** We consider this new variety the best of all the wax beans. It is early as the Golden Wax; pods very large, long, tender, stringless and of a fine, light golden color. It grows taller than Golden Wax, and out-yields it by far. We recommend it highly, both for market and market garden. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., 1 lb. 25c., 10 lbs. \$1.50.

**DAVIS WHITE WAX.** Immensely productive, bearing large, handsome, straight pods five to six inches in length. The pods are almost without flesh, and with decided string when of good size, one of the best for canners as it does not discolor. It is also a good shipper. The dry seed being white and of medium size is desirable also for winter market as a shell bean. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., 1 lb. 25c., 10 lbs. \$1.50.

## BEANS—POLE OR RUNNING.

(Postage 8c. per pound extra.)

**LARGE WHITE LIMA or BUTTER.** Richest and finest flavor, and estimated to be the best of pole beans. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

**CAROLINA.** A small variety of Lima, more easy of vegetation, more vigorous in growth, earlier in season, and more prolific in pod. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

**WHITE CREASE BACK.** This variety is especially valuable for its extreme earliness and its habit of perfecting all its pods at the same time. Vines small to medium, but vigorous, and in good soil wonderfully productive, bearing round, quite fleshy pods in clusters of from four to twelve. Pods medium length, silvery green, of the best quality as snaps - and stand shipping better than most sorts. The beans are too small to be of much value when shelled green, but are of very superior quality baked. Seed small, oval, very white and hard. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

**LAZY WIFE.** This sort is popular in many localities. As its name indicates, a handful of choice, stringless pods at a single grab. The pods are broad, thick, very fleshy and entirely stringless, and possess a rich buttery flavor when cooked. The beans are white and make a very good dry bean for winter use; may be grown either on poles or on corn. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

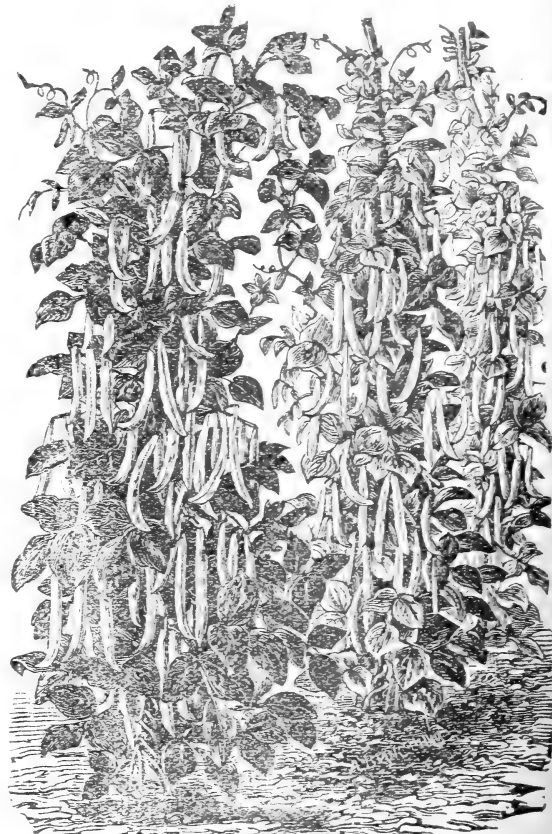
**HORTICULTURAL or SPECKLED CRANBERRY.** A showy bean, maturing in eighty days. Pods green, dashed with red, valued either as a snap or for shelling. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

**OUTSHORT or CORNHILL.** An old variety, very popular for planting among corn; pods short, round and tender; beans nearly oblong. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

**KENTUCKY WONDER.** Vine vigorous, climbing well and very productive, bearing its pods in large clusters; pods green, very long, often reaching nine or ten inches, nearly round when young, and very crisp, becoming very irregular and spongy as the beans ripen. A very prolific sort, with showy pods. Pkt. 5c., 1 lb. 25c., 2 lbs. 40c.

**EARLY GOLDEN CLUSTER WAX.** The Early Golden Cluster begins to bear early in July, and continues until frost; pods are six to eight inches long, borne in clusters of three to six and are a beautiful golden yellow color, and the flavor is most delicious. It can be used shelled or as a string bean. Pkt. 5c., 1 lb. 25c., 2 lbs. 40c.

**SCARLET RUNNER or FLOWERING BEAN.** Very desirable for trellis, or to cover old fences, etc. While the green seed pods are edible the attractiveness is the profuse scarlet blossoms. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., 1 lb. 30c., 2 lbs. 50c.



Golden Cluster Wax.



Market Gardeners using Beans in larger quantities than priced herein will do well to ask for

MARKET GARDENER'S PRICE LIST.

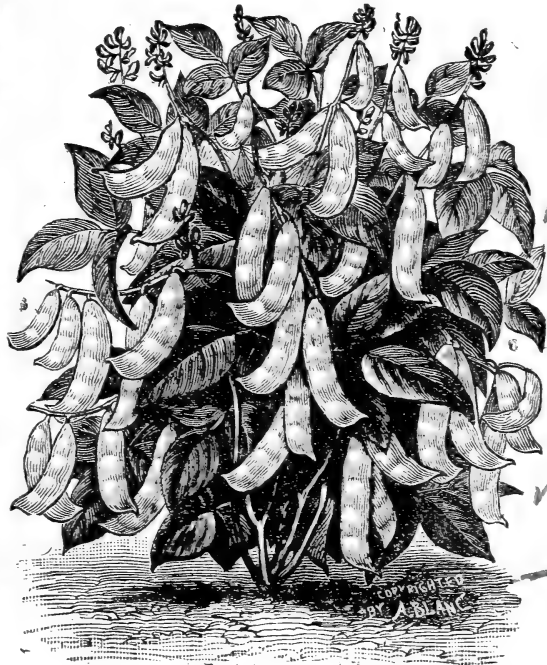


**BEANS—BUSH LIMA.**

(Postage 8c. per pound extra.)

✓ **HENDERSON'S BUSH LIMA.** The new Bush Lima grows without the aid of stakes or poles, is compact bush form, from fifteen to eighteen inches high, and produces enormous crops of delicious Lima Beans, which can be as easily gathered as the common bush beans. The New Bush Lima is at least two weeks earlier than any of the climbing Limas. The size of the leaves are like small Lima. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.

✓ **BURPEE'S BUSH LIMA.** It is the true bush form of the old Large Lima Pole Beans. It grows vigorously to a height of eighteen to twenty inches, forming a circular bush two to two and a half feet in diameter, yielding from fifty to one hundred fine pods similar to those grown on the Large White Pole Lima. Pkt. 5c., 1 lb. 20c., 2 lbs. 35c.



Burpee's Bush Lima.

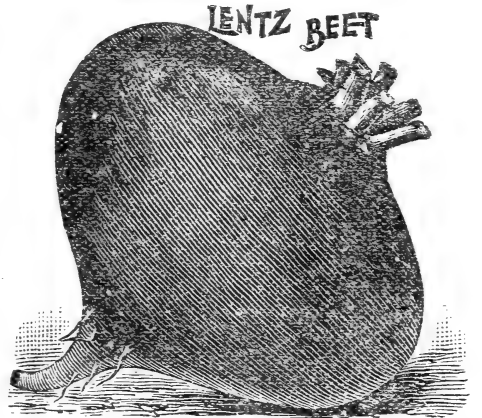
**BEETS.**

One ounce will sow 60 feet of drill; 6 to 8 lbs. for 1 acre in drills.

✓ **CROSBY'S EARLY EGYPTIAN.** The earliest and best turnip-shape beet in the market, being more globular than its parent the Early Egyptian. Market gardeners should take no other variety for early market. Supply is limited this season. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 70c.

✓ **EXTRA EARLY EGYPTIAN.** A very popular early turnip-shape variety. Has small tops and grows quickly. The flesh is in alternate rings of white and deep red. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 70c.

✓ **DETROIT DARK RED.** A choice strain of dark-red turnip beet. Fine globular or oval, smooth roots, with small tops; skin



LENTZ BEET

blood-red, flesh dark-red, zoned with a lighter shade, tender and sweet. Extremely popular for market and canning. Pkt. 5c., oz. 10c., ¼ lb. 25c., 1 lb. 70c.

✓ **THE LENTZ.** It is as early as the Egyptian, flesh very tender and sweet at all times, whether old or young; very productive, good keeper, and will produce a crop in six weeks from the time of planting the seed. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1 lb. 60c.

✓ **ECLIPSE.** It is nearly as early as Egyptian and much more desirable, owing to its globe shape, great smoothness and regularity, having a firm, small top, very sweet, very fine, and dark blood color. It is very desirable for market gardeners on account of its extreme earliness, as well as its other numerous good qualities. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1 lb. 60c.

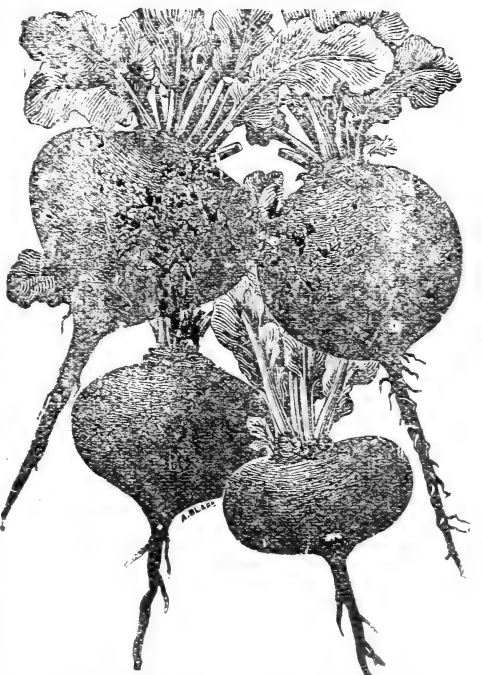
✓ **EARLY BLOOD RED TURNIP.** Here we have the old standby, the turnip beet, with its dark red color, well known to so many home-steads. It is useless to occupy space in describing it; suffice it to say, it is the best variety for family use. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1 lb. 60c.

✓ **EDMAND'S BLOOD TURNIP.** Of handsome round shape; the skin is very deep, blood-red in color; the flesh is also very dark and exceedingly sweet and tender in quality; the beets grow regularly of good marketable size. They mature early and have given the very best satisfaction as a bunch beet. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1 lb. 60c.

✓ **LONG BLOOD RED.** An old standard variety, used for table and cattle; resists drouth better than any of the other varieties of beets;

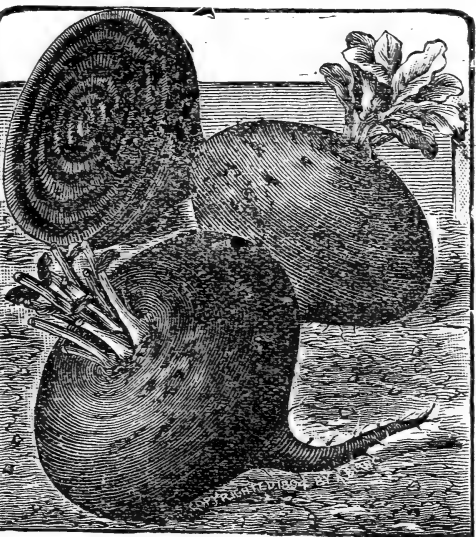
color deep red, flesh very sweet. Grows entirely under ground. Pkt. 5c., oz. 10c., ¼ lb. 20c., 1 lb. 60c.

✓ **SWISS CHARD or SILVER BEET.** A distinct vegetable, and much superior to the common beets for greens. If sown at the same time, it will be fit to use before them. Later, the plants form broad flat, beautifully white and wax-like stems to the leaves, which are very delicious cooked as beets, or pickled. We recommend all our customers to try it. Pkt. 5c., oz. 10c., ¼ lb. 25c.



Early Blood Turnip. Egyptian.

Crosby's Egyptian. Eclipse.



Edmand's Blood Turnip.



# SUGAR BEETS

## AND MANGEL WURZELS.

FOR STOCK FEEDING.

Mangels and Sugar Beets for stock sow 4 to 6 pounds per acre, if for sugar factory 12 to 20 pounds per acre.

Prices for all the following Sugar and Mangel Beet Seeds: Oz. 5c., 1-4 lb. 15c., lb. 40c., postpaid. If not prepaid, 1 lb. package 30c., 3 lb. pkg. 80c., 5 lb. pkg. \$1.25., 10 lb. lots at 20c. a lb., 25 lb. lots at 17 1-2c. a lb., 50 lb. lots at 16c. a lb.

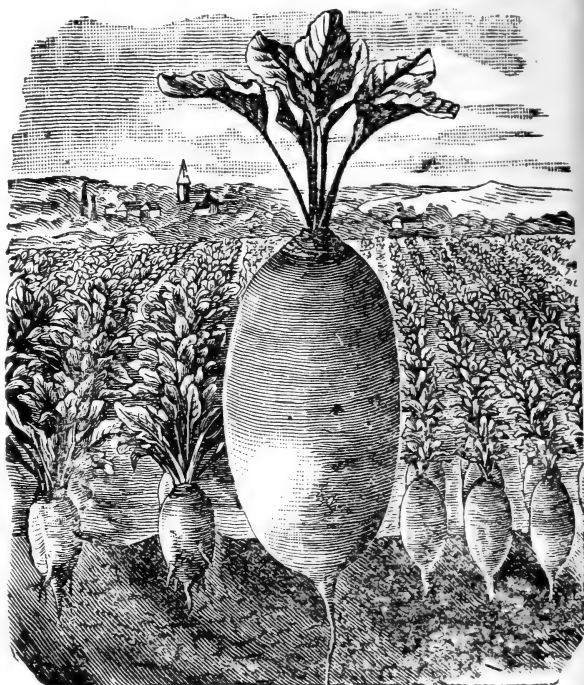
**RED TOP SUGAR BEET.** It unites capacity for a large yield with an exceedingly rich flesh, making it the best for cattle feeding. Tops medium sized; roots above medium size, long top-shaped, growing slightly above the surface; white, washed with red at top; flesh fine grained and very sweet.

**SILESIA SUGAR.** This is the old well known form of sugar beet long raised in this country for feeding, and the variety mainly grown abroad for sugar.

**VILMORIN'S IMPROVED SUGAR.** A variety out of which much sugar has been made; skin cream color; flesh white; an average of fifteen tons per acre can be produced.

**WHITE KLEIN WANZLEBEN SUGAR BEET.** This variety has proved to be a very valuable sort, not only in foreign countries, but as well in Colorado and other sections of this country, where it has been thoroughly tested. It has a rather long, slender root, very rich in sugar, and grows deeply sunk in the ground, and is claimed to yield under average conditions about sixteen tons to the acre, containing 12 to 13 per cent of sugar.

**LANE'S IMPERIAL SUGAR.** This beet will yield almost as much in bulk as the best mangels, and contains as large percentage of sugar. The roots are smooth, broad at the shoulder and gradually taper to the base. They grow with a considerable portion above the soil, and are easily harvested. Light-green foliage, smooth whitish-green skin, and crisp, snow white flesh. Highly recommended by agricultural station as a stock-feeding beet.

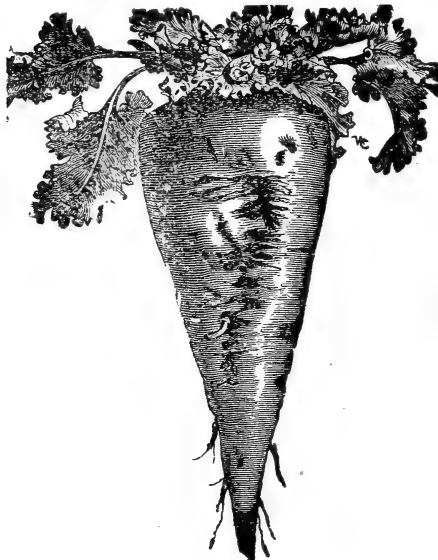


Golden Tankard Mangel Wurzel.

**RED GLOBE MANGEL WURZEL.** A large round variety, of excellent quality, productive and a good keeper; color light red, flesh white; better adapted to shallow soil than the long varieties.

**YELLOW GLOBE MANGEL WURZEL.** More delicate than the long red; more easily pulled.

**GOLDEN TANKARD MANGEL WURZEL.** This is undoubtedly one of the most profitable varieties to grow for stock, as it is an enormous cropper, and said to be one of the most nutritious Mangels in cultivation. Color bright yellow.



White Klein Wanzleben

## BROCCOLI.

Sow early in spring. Transplant and cultivate the same as cabbage. The Broccoli is similar to the Cauliflower. They will produce heads in October and November, and should any plant not be forward enough for use before severe frosts, let them be removed to a light cellar, where they will head during the winter.

**LARGE WHITE MAMMOTH.** Pkt. 5c., oz. 35c., ¼ lb. \$1.

## Brussels Sprouts.

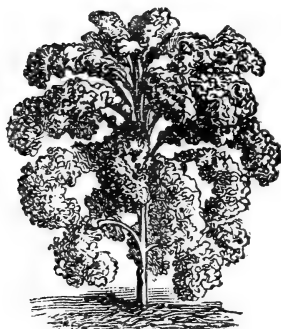
Cultivated for the small heads that grow in considerable numbers from the main stem. It is a delicacy much esteemed by some. Sow in seed bed middle of spring, and transplant and manage as winter cabbage. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.75.

We pay postage on all garden seeds priced per oz., ¼ lb and pound, except Beans, Corn, Peas and Onion Sets



Brus

## Borecole or Kale.

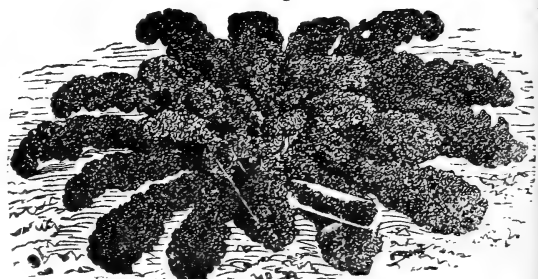


Tall Green Curled Scotch.

**DWARF GREEN GERMAN.** Sow in autumn for "sprouts" or "greens." Hardy, prolific, flavor similar to cabbage. Desirable in every garden. Pkt. 5c., oz. 10c., ¼ lb. 30c.

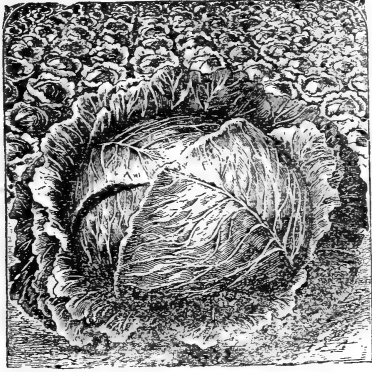
**DWARF PURPLE GERMAN.** A variety of the preceding, and identical with it, except in color, which is a beautiful deep purple. Pkt. 5c., oz. 15c., ¼ lb. 40c.

**TALL GREEN CURLED SCOTCH.** This is one of the most popular varieties. It is very hardy, and is much improved by frost. Two feet high. Pkt. 5c., oz. 15c., ¼ lb. 40c.



Dwarf German.

# Barteldes High Grade CABBAGE



Fottler's Brunswick.

1903 Crop.

One ounce will make about 2,000 plants.

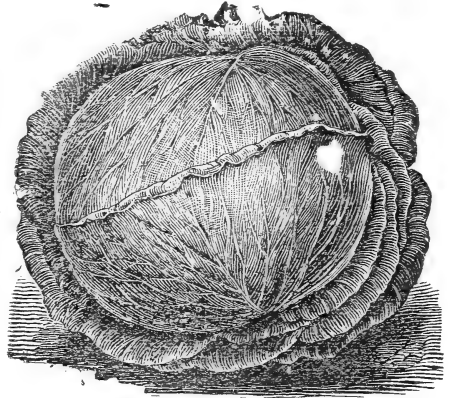
THE HOLLANDER, or BALL HEAD. See novelties.

"GLORY OF ENKHOUSEN." One of the earliest, with large, solid heads. See novelties.

✓ ALL-HEAD EARLY. It is among the earliest of the large cabbages. It is fully one-third larger than Early Summer. The deep, flat heads are remarkably solid and uniform in color as well as in shape and size. It is very tender and of fine quality. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

✓ EXTRA EARLY EXPRESS. Produces fair sized heads in eighty to eighty-five days from sowing seed. Does not form as large a head as "Etampes," but is ahead of this variety several days. An important acquisition for the market gardener and those who grow cabbage for early market. Pkt. 5c., oz. 20., ¼ lb. 65c., lb. \$2.

✓ EXTRA EARLY ETAMPES. One of the earliest cabbages, producing well formed conical heads, remarkably large for so early a ripener. Who-



All-Head Early Cabbage.

ever plants it will be amazed in its early maturity, and if he be a market gardener, will be able to place it in market ahead of all competitors. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. \$2.

✓ EARLY YORK. This is one of the earliest varieties—deficient, however, in size, and without ability to stand the heat of the summer. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.50.

✓ EARLY WINNINGSTADT. A well known and very popular early variety, in season very close to the Wakefield; heads large, decidedly conical; leaves bright, glossy green; heads solid and hard, even in summer. This is a very sure-heading variety, valuable not only for early use but also for winter cabbage. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. \$2.

✓ TRUE JERSEY WAKEFIELD. This is an admirable sort, and fully sustains all we have heretofore said in its favor as a variety suited to the family and market garden. The heads begin to mature the latter end of June to the first of July, and may be cut in succession for several weeks. Our seed is true Long Island grown. Pkt. 5c., oz. 25c., ¼ lb. 80c., lb. \$2.50.

✓ EARLY DWARF FLAT DUTCH. Has succeeded admirably on account of its ability to resist heat; it never flaws under the severest sun and produces very fine, large heads after the earliest sorts have disappeared. We recommend it highly. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. \$2.



"Early Spring" Cabbage.

## "EARLY SPRING" CABBAGE.

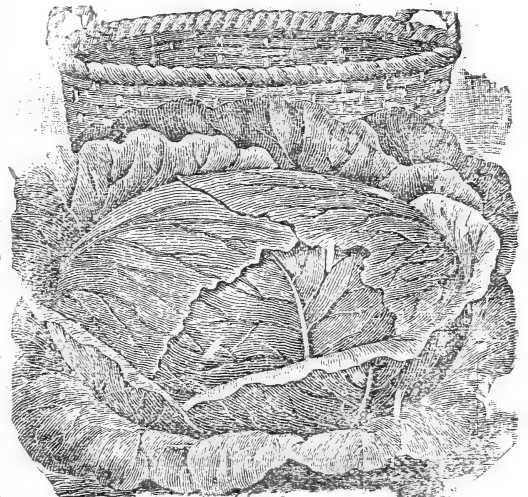
This new, famous Extra Early French Cabbage (sent out under the above name) has been grown by a number of the progressive gardeners around Chicago, and it has given entire satisfaction. It is of the type of the Early "All-Head," resembling it in habit of growth, but is smaller and is nearly as early as the Wakefield. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the cabbages attain their mature size. On account of its shape, productiveness and solidity, and following the Wakefield so closely, it becomes one of the most profitable early sorts. Market Gardeners cannot afford to be without this as it is a good "seller," round cabbages receiving always the preference if offered in competition with pointed heads. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.25.

✓ LARGE JERSEY or CHARLESTON WAKEFIELD. This sort forms uniform solid heads, considerably larger than the Early Wakefield and matures only a few days later; on clay ground, it will mature just as early. Largely planted by gardeners in the South. Pkt. 5c., oz. 25c., ¼ lb. 80c., lb. \$2.50.

✓ EARLY SUMMER. This variety is about five days later than the Wakefield, but, being fully double the size, it may be classed as the best Large Early Cabbage; in weight it is equal to most of the late varieties, and its short outer leaves enable it to be planted nearly as close as the Wakefield—about 12,000 to the acre—Flat Dutch, Fottlers, etc., producing no larger heads, can only be grown at the rate of 8,000 to the acre. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. \$2.

✓ ALL SEASONS. A new Drumhead Cabbage as early and every way as good as Early Summer, but yielding heads from a third to a half as large again. This new cabbage, while it matures a day or two later in the spring, when planted in July matures a day or two earlier than Early Summer in the fall so that it will average as early, while the solid heads are from a third to half as large again. As a rule, our earliest cabbages are only good as early cabbages, being too small for late, or too small and too thin to be kept over winter; but the heads of this new cabbage being large and also thick through make it a most excellent variety, either for extreme early, or for fall or spring market. Pkt. 5c., oz. 20c., ¼ lb. 65c., lb. \$2.

✓ PREMIUM LATE FLAT DUTCH. As a variety for winter market it has no superior, and is more extensively grown than any other. Heads large, blueish-green, round, solid, broad and flat on top, and often tinted with reddish-brown after being touched with frost; they open white and crisp, are tender and well flavored. It is a fall and winter variety, and one of the very best to keep. With good cultivation, on moist, rich ground, ninety-five in a hundred will head up hard and fine. Decidedly the best late variety for cultivation in our state. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$1.75c.



Premium Late Flat Dutch



**FOTTLER'S IMPROVED BRUNSWICK.** This has proved to be a most excellent acclimated second early variety. It is low on the stump, heads solid and compact, weighing from ten to fifteen pounds each, and is sure to head. From seed sown in March good sized heads can be marketed in June. A very valuable variety. Packet 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.

For our Western Market no Cabbage is more generally cultivated than the **WINNINGSTADT**, either for early, or late planting for winter use. See page 13 for description and prices.



Early Winningstadt.

**LATE LARGE DRUMHEAD.** This is also a very large fall and winter variety. It is similar in most respects to the Premium Flat Dutch, but the heads are more rounded on top; it is also generally longer in stem. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.

**MARBLEHEAD MAMMOTH DRUMHEAD.** This is without doubt the largest variety in the world of the Cabbage family. Under high culture it is compact and hard. Its size is, indeed, mammoth ranging from that of a half bushel measure to that of a two bushel basket. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.00.



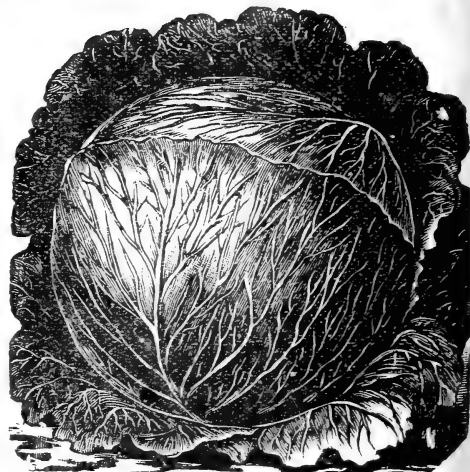
Marblehead Mammoth Drumhead.

— TRY THE —  
**HOLLAND OR DANISH BALLHEAD CABBAGE,**  
Described among our Novelties. It is sure to give satisfaction.

**SUREHEAD.** Produces large, round, flattened heads, of the Flat Dutch type, and is remarkable for its certainty to head. It is the very best Cabbage for main crops. It is uniform, very hard, firm and fine in texture, and ordinarily weigh from ten to fifteen pounds each. It is very sweet flavored, has scarcely any loose leaves, keeps well, is good for shipping, and is just the variety and quality to suit market gardeners, farmers and all lovers of good cabbage. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.

**DRUMHEAD SAVOY.** An excellent winter and spring family cabbage, partaking partially of the size of the Drumhead and the curled leaves of the Savoy. Market gardeners usually find it profitable to provide a limited quantity for discriminating customers; for family use it is equalled by none. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.

**MAMMOTH ROCK RED.** This is by far the best, largest and surest heading red cabbage ever introduced. The plant is large, with numerous spreading leaves. The head is large, round very solid, and of a deep red color. Ninety-eight per cent of the plants will form extra fine heads. The best of the red cabbages. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 65c., lb. \$2.

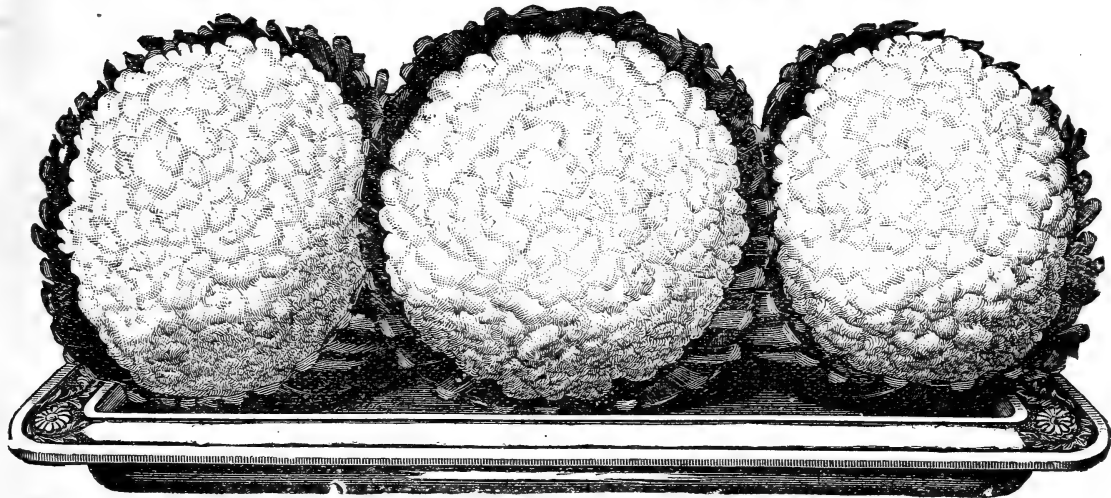


Surehead.

Every Gardener can derive benefit from reading the book "**CABBAGE and CAULIFLOWER for PROFIT,**" by Lupton. We will mail it for 30c.

For all kinds of Cabbage and Cauliflower Plants see price list in back part of Catalogue.

# CAULIFLOWER.



Danish Snowball.

One ounce will produce 1,500 to 2 000 plants.

**EARLY DANISH SNOWBALL.** This variety, by innumerable trials, has established the claims made for it. The plants are very dwarf. The outer leaves are erect. The inner ones lap over the head so as to completely shade from the sun. We think it equal to the Henderson Snowball in every respect and consider it a valuable market variety for early and late. Pkt. 15c., ¼ oz. 75c., oz. \$2.50, ¼ lb. \$3.

**EXTRA EARLY DWARF ERFURT.** (Selected.) This is the choicest selected strain of the popular Erfurt type, and is remarkable for its extreme reliability in heading. Plants very dwarf, with solid, pure white heads of superior quality. Planted in rich soil early in the spring heads eight to ten inches in diameter, can be marketed in July. Pkt. 25c., ¼ oz. \$1, oz. \$3, ¼ lb. \$10.

**EARLY PARIS.** A most excellent French variety, and the popular early sort in the Paris markets. Heads large, white, compact and solid, of excellent flavor, tender and delicious. Leaves large, stalk short. Being so early, it must always be a favorite. Pkt. 5c., ¼ oz. 25c., oz. 80c., ¼ lb. \$2.25.

**VEITCH'S AUTUMN GIANT.** A distinct and valuable late variety. The heads are very large, beautifully white, firm and compact, and being well protected by foliage, remain for a long time fit for use. The plants should be started and transplanted early in the season, to insure their full development. Pkt. 5c., ¼ oz. 25c., oz. 80c., ¼ lb. \$2.25.

# CARROTS.

One ounce will sow 150 feet of drill. Three pounds for one acre.

**EXTRA EARLY SHORT FORCING.** An excellent forcing variety, very tender and fine flavor; small growth. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. 90c.

**EARLY SCARLET HORN.** A very early variety. Recommended for the market and family garden. Texture fine, very delicate in flavor. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 85c.

**OX-HEART or GUERANDE.** This new French carrot is one of the most valuable of all recent introductions, either for family use or market. It is an intermediate between the Half Long and Horn varieties, attaining a diameter of three or four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality and very productive. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 85c.

**CHANTENAY.** One of the most perfect and uniform in shape, smooth, heavy yielder and of fine table qualities. It grows five or six inches long; is fine in texture and easily dug; the flesh is of a beautiful deep orange, tender and of excellent flavor. One of the very best for table and market use. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 85c.

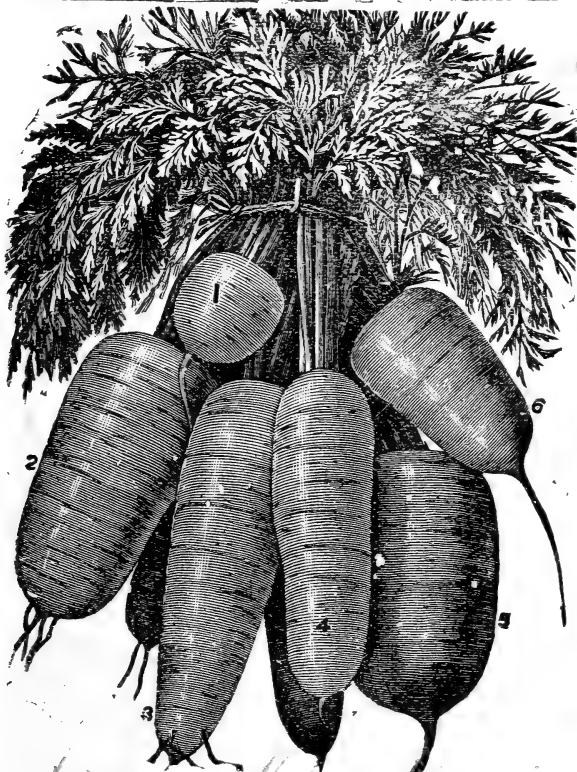
**DANVERS HALF LONG ORANGE.** A decided acquisition of the Half Long type, admirable in color, fixed in habit, a wonderful producer, the best of all for the stock-breeder, and valuable to the market gardener. With this variety the planter secures the largest return to the acre with the least difficulty of harvesting. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 80c.

**HALF LONG SCARLET NANTES.** Top medium, finely divided, dark, roots medium, cylindrical, smooth, bright orange, flesh orange, becoming yellow in center, but with no distinct core; finest quality. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 80c.

**LONG ORANGE.** The old stand-by, both for table use and for stock-feeding, for late summer and winter. Fed to milk cows, it increases the flow of rich milk, and imparts to the butter in winter a fresh flavor and golden color. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 80c.

**LARGE WHITE BELGIAN.** Grows one-third out of the ground. Root pure white, green above ground, with small top. It will grow to a very large size, on light, rich soil, and is very easily gathered. Flesh rather coarse; is raised exclusively for stock. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

**LARGE YELLOW BELGIAN.** Same as above, except in color. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.



1. Early Forcing. 2. Danvers. 3. Long Orange.  
4. Chantenay. 5. Ox-Heart. 6. Early Horn.

Five pounds or more of one variety of Carrots, not prepaid, at 15c. less per pound.

# CELERY.

One ounce will make about 2,500 plants.

Book "Celery for Profit." Illustrated. 20c., postpaid.

✓ **WHITE PLUME.** This celery is valued because, naturally, the stalks and portions of the inner leaves and hearts are white, by simply tying up the stalks and drawing up the soil with the hoe, the work of blanching is complete. It is ornamental, tender, crisp, and of good flavor, and very early. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

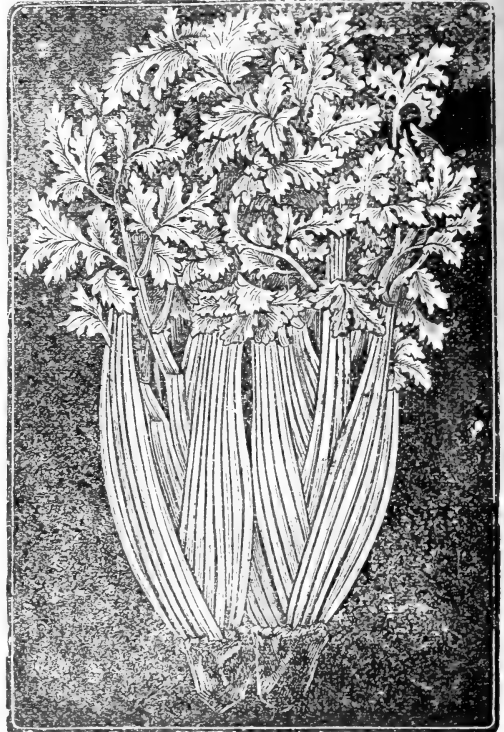
✓ **PINK PLUME.** This is identical in all respects except in coloring, with the popular White Plume, the leaf-stalks being heavily tinged with red. When properly blanched this fades to a faint pink tint in the ribs of the silvery-white stalks, and is also delicately shaded in the leaves. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

✓ **GOLDEN SELF-BLANCHING.** The plant is of a beautiful appearance, of close habit, and compact growth and straight, vigorous stalks. The ribs are perfectly solid, crisp, brittle, and of delicate flavor, surpassed by no other variety, while it has the decided merit of being self-blanching to a very remarkable degree. Our stock of this variety is selected with special care in France. It is the strain for market gardeners, also family garden. Pkt. 5c.,  $\frac{1}{2}$  oz. 20c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.

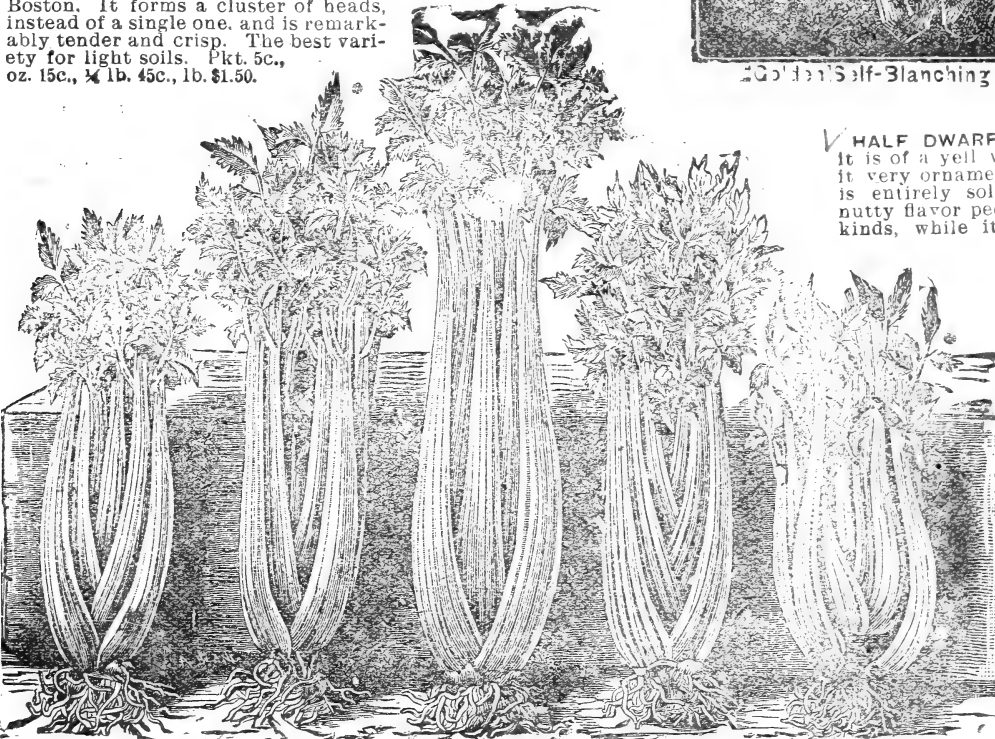
✓ **GIANT PASCAL.** This is a green leaved variety. It blanches very quickly after earthing up, when it is of a beautiful yellowish-white color, very solid and crisp, and of a nutty flavor, which cannot be equaled by any other sort. The stalks grow broad and thick, a single plant making a large bunch. Under high culture this variety will give the best satisfaction. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 55c., lb. \$1.75.

✓ **GOLDEN HEART.** A very popular and distinct variety. In habit of growth it resembles the Half Dwarf, except that when blanched the heart, which is large and full, is of a waxy golden yellow. It is entirely solid, of excellent flavor, and keeps well during the winter. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

✓ **BOSTON MARKET.** The most popular sort in the market of Boston. It forms a cluster of heads, instead of a single one, and is remarkably tender and crisp. The best variety for light soils. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.



Golden Self-Blanching Celery.



White Plume.

Golden Heart.

Giant Pascal.

Half Dwarf.

Boston Market.

✓ **HALF DWARF.** When blanched it is of a yellowish white, making it very ornamental for the table; is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth, surpassing most of the large growing sorts in weight of bunch grown under the same conditions. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

✓ **CELERIAC, or TURNIP - ROOTED.** Grown exclusively for its roots, which are turnip shaped, very smooth, tender, and marrow-like. The roots are cooked and sliced, used with vinegar they make an excellent salad. They are used for seasoning meats and to flavor soups. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

Celery Plants can be supplied in June and July.

## CORN SALAD.

✓ **BROAD LEAVED.** Used as a small salad throughout the winter and spring. Sow thickly in drills; cover slightly first of autumn, and sprinkle with straw on the approach of severe weather, or sow in a cold frame, covered in winter as may be convenient—thus it is accessible, even when deep snow prevails. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c.

## COLLARDS.

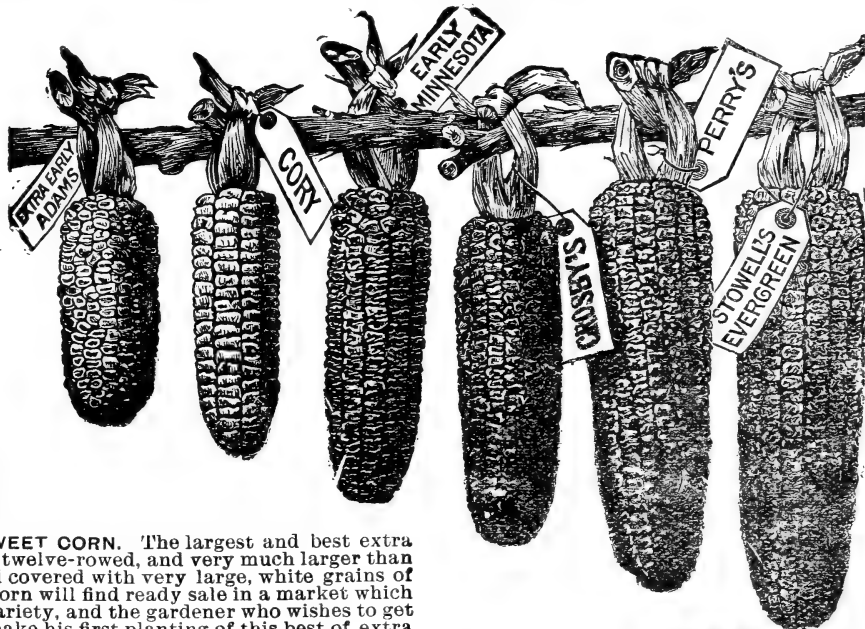
✓ **GEORGIA, SOUTHERN or CREOLE.** This is the variety so extensively used in the South, where it furnishes an abundance of food for both man and beast. Forms a large, loose, open head, or a mass of leaves on a tall stem. Freezing improves their quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c.



Corn Salad.



# Barteldes' Sweet Corn.



One pound will plant about 800 hills, 12 to 20 pounds will plant one acre in drills.

Prices for all varieties listed on this page, Pkt. 5c., 1-2 lb. 10c., 1 lb. 15c., 2 lbs. 25c., 10 lbs. for \$1. If by mail, postage must be added at rate of 5c. per pound.

**MAMMOTH WHITE CORY SWEET CORN.** The largest and best extra early sweet corn. The ears are twelve-rowed, and very much larger than the old Cory, white-cobbed, and covered with very large, white grains of good quality. No other sweet corn will find ready sale in a market which is supplied with this splendid variety, and the gardener who wishes to get the cream of the trade should make his first planting of this best of extra early sorts.

**WHITE COB CORY.** Selected for white cob and white kernel from the original and earliest. For a strictly early for first market and home use, you can't be far wrong with White Cob Cory. We offer northern grown extra early matured seed.

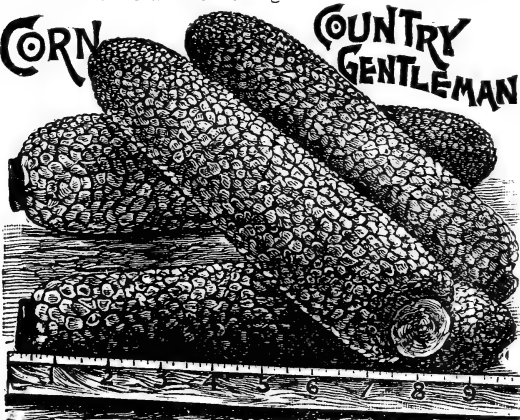
**EXTRA EARLY ADAMS.** One of the earliest, maturing for table in sixty days after germination. Height of stalk three feet; not a sugar corn, but a decided acquisition, so very early in the season. Of weak habit, requiring good cultivation and land of high fertility.

**EARLY MINNESOTA.** This is among the earliest of the sugar varieties, and is much esteemed, not only because it matures so early but for its excellent qualities as well. Ears rather small, long and pointed.

**PERRY'S HYBRID.** A very fine early variety, full as early as the Minnesota, and ears much larger, each containing twelve to fourteen rows of kernels, well filled to the end. The grains are very large and pure white, but the cob is reddish.

**CROSBY'S EARLY.** Most excellent variety and remarkably early. Ears of large size, medium length, sweet, rich and delicate.

**COUNTRY GENTLEMAN.** The ears are not only of good size, but are produced in great abundance, frequently bearing four good ears, while the average is three to a stalk. The cob is very small, giving great depth to the kernels, which are of pearly whiteness. But the great merit of the Country Gentleman corn is its delicious quality; it is, without doubt, the sweetest and most tender of all sweet corn, and at the same time with ears of good size.

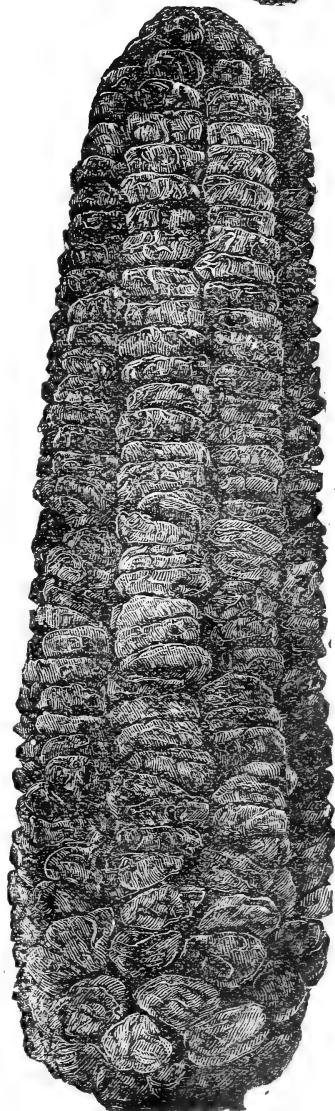


**EGYPTIAN.** This is among the best of the large varieties of sweet corn. It is of vigorous habit, the stalks averaging about seven feet in height. Ears large, having from twelve to fifteen rows of kernels of good size, and very productive. It is very sweet and tender, and of delicious flavor, surpassing all others. Invaluable for canning.

**BLACK MEXICAN.** The sweetest and most desirable for family use. When dry the kernels are black. The corn is not equaled in tenderness and sweetness by any other sort.

**STOWELL'S EVERGREEN.** This variety is more largely planted than any other, being the general favorite with canners and market gardeners for late use. It is very productive, the ears are of a large size, grains deep, exceptionally tender and sugary, and remains for a long time in an edible condition. This variety, with one or two of the early varieties for a succession is necessary to every garden.

**MAMMOTH EVERGREEN.** This produces the largest ears of any sweet corn, a single ear sometimes weighing as much as two to three pounds; quality very sweet and luscious. It ripens a little later than the Evergreen, and the cobs are large; the kernels are flatter.



Mammoth White Cory.

Parties desiring Sweet Corn to sow thickly for fodder will do well to write us. We sometimes have lots very suitable for that purpose.

# Selected Field Corn Seed.

**PRICES.**—Liberal packets 5c., pound 10c., 3 pound package 25c., 10 pounds 50c.

Postage at rate of 8c. per pound must be added, if wanted by mail. Ask for latest issue Price List of "Field Seeds," when wanting quantity. 8 pounds of the small kernel varieties, or 10 pounds of the large varieties, will plant an acre.

- ✓ **SWADLEY FIELD CORN.** Nearly as hardy as White Australian, and fully as early, and yields more matured corn. This cut is a fair representation of the true Swadley Field Corn which was originally brought to Jefferson county, Colorado, from the mountain farms of Virginia, nineteen years ago, by Mr. Geo. C. Swadley. He has cultivated it ever since and has supplied us for several seasons, though never having enough to fill all orders. We are firmly convinced that it is the corn for uplands and worn out soils, where it produces 35 to 50 bushels of ears per acre. It stands drouth nearly as well as White Australian. It is much softer kernel, being a pale yellow dent. The ears will average eight inches long, twelve to sixteen rows. One-third of the crop will yield two ears on a stalk, maturing in ninety to 100 days. Six pounds of seed will plant an acre, three feet, eight inch, check-rows. This is the corn for our short season districts. Give it a trial, you will be well pleased.
- ✓ **AUSTRALIAN WHITE FLINT.** The earliest and surest variety we have for Colorado and the arid lands of the west. It will actually endure more drouth and cold than any other variety known. Grows to a height of six to ten feet, ears varying from eight to twelve inches long, usually eight or ten rowed, one and two ears on a stalk.
- ✓ **COLORADO YELLOW DENT.** An early Dent variety; ripening with the Flint varieties, and can be grown in almost any locality. Stalks large, with broad leaves, ears eight to ten inches, sixteen rowed, grain yellow, making a good quality of meal.
- ✓ **PRIDE OF THE NORTH (90 days).** This variety has smaller ears than late kinds, but is valuable to grow, as it matures earlier. Planted as late as July 4, it has fully matured by October 1. The ears have from fourteen to sixteen rows, grown eight to ten inches in length, slightly tapering. The kernels are closely set together on the cob, of a light orange color. The stalks usually grow six to eight feet in height, producing one or two good ears. Our seed of this variety has been grown for us with special care, from the original stock.
- ✓ **IMPROVED LEAMING (90 days).** This is one of the earliest, large yellow Dent corns in cultivation, ripening in 90 to 100 days from planting. It is extra early, and not a hard flinty corn. The ears are large and handsome, with deep, large grains; orange yellow color and red cob. Stalks medium-size, tapering gradually, producing two good ears each, husks and shells very easily.
- ✓ **GOLDEN BEAUTY (110 days).** The ears are of perfect shape, with from ten to fourteen straight rows of bright golden yellow grains, remarkable in size, and filled out completely to the extreme end of the cob. The richness of color and fine quality of grain make it vastly superior for grinding into meal. The grains are not of a hard, flinty nature, neither are they so soft as to be greatly shriveled. The ears are easily shelled, although the kernels are firm on the ear, and in every respect present as perfect a type as could be possible to have. Golden Beauty matures early, ripening in 100 to 110 days from planting and surpasses all in size and beauty of grain.
- ✓ **IOWA SILVER MINE CORN (90 days).** The stalks grow to a height of seven or eight feet and set the ears about three and a half to four feet from the ground. The ears measure from ten to twelve inches in length and often weigh one and a half pounds. They are very uniform in size and shape, with sixteen to twenty straight rows of deep, pure white kernels on a small white cob. It matures in about ninety days, being about one week earlier than Champion White Pearl. It is the heaviest yielder we know, having yielded over 200 bushels to the acre. Seventy pounds of ears will make sixty-two pounds of corn. It is entirely distinct and will give satisfaction.
- ✓ **CHAMPION WHITE PEARL (100 days).** The stock is short and thick. The ear grows low on the stalk, from seven to twelve inches in length, almost parallel throughout, of medium size, averaging sixteen rows of grains. The grains are pure white, very deep, compact, and heavy. Two grains will more than span the cob. The cob is small. By a test, seventy ears weighed eighty-seven and one-half pounds, of which the cobs alone weighed only seven pounds. It makes a superior quality of corn meal, and grades No. 1 white in any market. It matures early. We recommend it highly.
- ✓ **HICKORY KING (110 days).** This new corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn. It yields greater, and is unquestionably the most productive white field corn. Stalks bear two good ears each, and occasionally three; it never has barren stalks, no matter how thin the soil, and both ends of the ear are filled full out. A single grain will completely cover the cob of an ear broken in half. It both shells and shucks easily, and will make more shelled corn to a given bulk or ears than any other variety.
- ✓ **BRAZILIAN, or STOOING FLOUR CORN.** This corn stools like wheat, each kernel producing from five to eight stalks, each stalk bearing two or three ears, five to seven inches in circumference, nine to twelve inches in length, color beautiful white. It is the best variety for ensilage we know of, and yields to the acre four times more fodder than common corn, and more bushels in shelled corn, containing a much larger quantity of starch than any other corn, and ground and bolted by the same process as wheat, yields a finer flour that will make bread, biscuits, etc., as good as those made of wheat flour, also used largely for roasting ears. Plant two kernels to the hill, thin to one, and cultivate like other corn. Four pounds will plant one acre.

When wanting large quantity Field Corn be sure to ask for Prices.

## POP CORN OR PARCHING. (Postage 8c. per pound extra.)

- ✓ **WHITE PEARL.** Our common market variety. Pkt. 5c., lb. 15c., 2 lbs. for 25c.
- ✓ **WHITE RICE.** A very handsome variety; kernels long, pointed, and resembling rice; color white; very prolific. Pkt. 5c., lb. 15c., 2 for 25c.
- ✓ **QUEEN'S GOLDEN.** The stalks grow six feet high, and the large ears are produced in abundance. It pops perfectly white, and a single kernel will expand to a diameter of one inch. Pkt. 5c., lb. 15c., 2 lbs. for 25c.

Try the Brazilian, or Stooling Flour Corn, for Roasting Ears, and you will not be disappointed. Pkt. 5c.

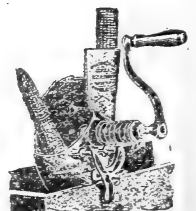
## CHAMPION BALL-BEARING CORN SHELLER.

A SHELLER THAT SHELLS.

It can be set to shell any corn that grows. Large or small. That is why its so much better than other makes. New small size \$3.

The old style is larger and heavier. It does the work of shellers sold for three times the price. Either can fasten to edge of box or bin. Price \$2.50.

**CORN PLANTERS.** We have them. For description and price see back part of catalogue.





# CUCUMBERS.

One oz. will plant about 50 hills. Two lbs. one acre.

**CUCUMBER SEED** is again an extremely short crop. Certain varieties almost a total failure owing to cold weather and early frosts. Parties intending to plant quantity should write us early and engage their supply.

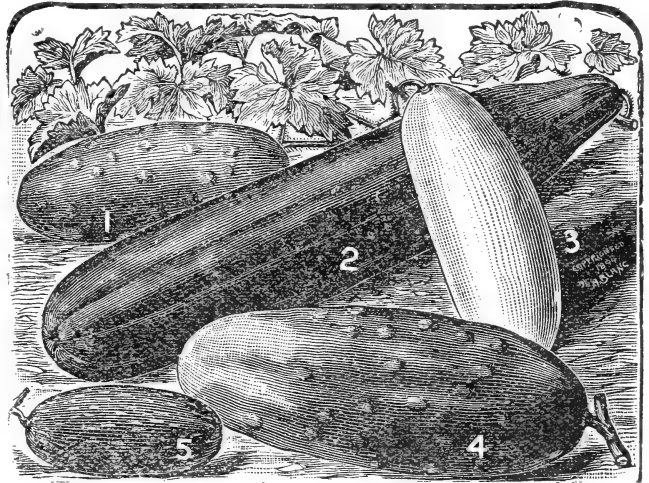
**ARLINGTON WHITE-SPINE.** This is the strain so popular about Chicago for growing under glass. It is the "money maker" among cucumbers, being the earliest and most productive. Rich green color throughout its entire length and very straight. Pkt 5c., oz. 20c., ¼ lb. 60c.

**PARISIAN PICKLE.** A decidedly distinct variety, most suited for making French pickles. Pkt. 5c., oz. 20c., ¼ lb. 75c.

**EARLY RUSSIAN.** One of the earliest in cultivation, resembles the Early Frame, but is smaller and shorter, being only four inches long. Pkt. 5c., oz. 15c., ¼ lb. 50c.

**EARLY CLUSTER.** A very popular early cucumber, producing its fruit in clusters near the root of the plant. Its usual length is about five inches; skin prickly; flesh white, seedy, tender and well flavored. Pkt. 5c., oz. 15c., ¼ lb. 50c.

**EARLY FRAME.** Productive of growth; vigorous, early, fruit medium size and straight. Popular for both table use and pickling. Pkt 5c., oz. 15c., ¼ lb. 50c.



1. Early Frame. 2. Long Green.  
4. White Spine. 5. Chicago Pickling.

**SHORT PROLIFIC PICKLING.** A very short variety of the "Frame" type, abundant bearer, highly recommended for pickles, for which it is used extensively in New York state. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.75.

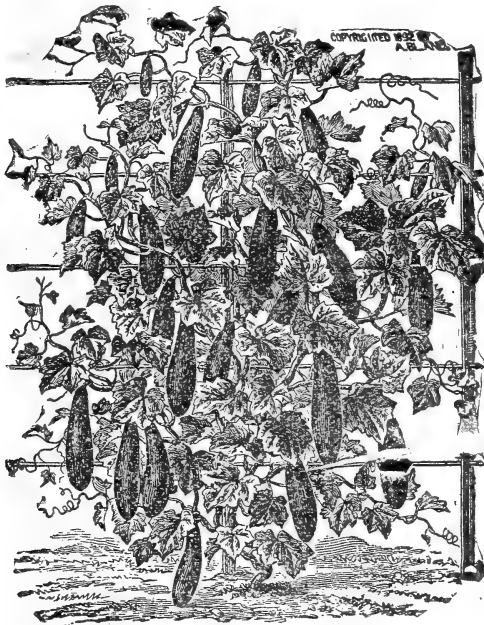
**BOSTON PICKLING.** A distinct variety which has obtained a great degree of popularity in Boston market as a pickle. Medium long, a great producer. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.75.

**CHICAGO or WESTERFIELD PICKLING.** Very popular with Chicago market gardeners and extensively grown in that vicinity. Fruit medium length, pointed at end, with very large and prominent spines, color deep green. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.75.

**COOL AND CRISP.** The peculiar feature of this variety is the knobs or protuberances, upon which the spines are placed, are very prominent, giving an attractive appearance. This variety is the earliest and most prolific of all pickling cucumbers, will become a standard sort. Dark green, almost black. Pkt. 5c., oz. 20c., ¼ lb. 60c.

**JAPANESE CLIMBING.** While all cucumbers are running vines, this variety is much more running in its habit. It quickly climbs on poles or trellises same as the Pole Lima Bean. It is entirely distinct. Quality is splendid. Well adapted for pickling as well as for slicing for salads. The great advantage of having a cucumber trained on a pole or a fence will be apparent to all. Pkt. 5c., oz. 20c., ¼ lb. 75c.

**NEW EVERBEARING.** It is of small size, very early, enormously productive and valuable as a green pickler. The peculiar merit of this novelty is that the vine continues to flower and produce fruit until killed by frost, whether the ripe cucumbers are picked off or not, differing in this respect from all other sorts. The one vine exhibits at the same time cucumbers in every stage of growth, the small ones being perfect in shape, of a fine green color and just the size for pickling. Pkt. 5c., oz. 20c., ¼ lb. 60c.



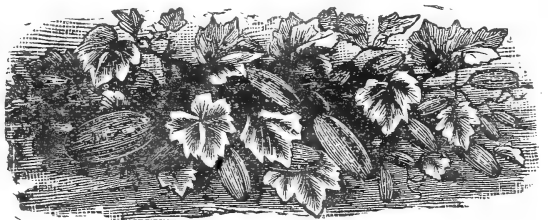
Japanese Climbing.

**IMPROVED LONG GREEN.** Unquestionably this is the most popular general purpose cucumber in the west. When matured is nine to twelve inches long, very solid and crisp, retains its dark green color until nearly ripe. One of the best for small pickling if picked promptly. Pkt. 5c., oz. 20c., ¼ lb. 75c., lb. \$2.25.

**EARLY WHITE SPINE.** Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, dark green, with a few white spines; flesh tender and of excellent flavor. In this country this variety is used more, perhaps, than any other for forcing under glass. Pkt. 5c., oz. 20c., ¼ lb. 60c.

**EXTRA LONG WHITE SPINE.** A selected strain of the White Spine. Is very uniform in size and exceedingly early, at same time makes long growth—10 to 12 inches. The variety for forcing and early market. Pkt. 5c., oz. 20c., ¼ lb. 75c.

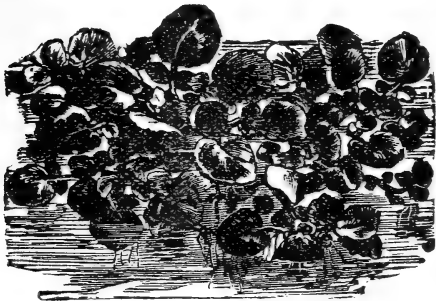
**WEST INDIA GHERKIN.** This variety, used exclusively for pickling, is a species distinct from the common cucumber. It is very small, length from two to three inches, a strong growing sort, and should be planted five feet apart. Pkt. 5c., oz. 20c., ¼ lb. 75c.



Everbearing Cucumber.

**SLUG SHOT POWDER** will drive off all bugs from your cucumber vines. See "Insecticides" in back of catalogue.

**WE ARE HEADQUARTERS FOR**  
**—BEE SUPPLIES—**



Water Cress.

**CRESS or PEPPER-GRASS.**

Used as a small salad. Sow very thickly in shallow drills, on a smooth surface, at short intervals throughout the season. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c.



Cress or Pepper-Grass.

**CRESS—TRUE WATER.**

Is quite distinct from the common and only thrives when its roots and stems are submerged in water. It is one of the most delicious of small salads and should be planted wherever a suitable place can be found. Pkt. 5c., oz. 30c., ¼ lb. \$1.

**GOURDS.** (See page 49 Flower Seeds.)

**CHICORY.**

**LARGE ROOTED.** A hardy plant, introduced from and much used in Europe as a substitute for coffee; large quantities of the prepared root are exported to this country. May be used to good advantage and pay a large profit, as its culture is simple. In the fall the roots required to be taken up and cut into small pieces and put where they will dry, requiring the same treatment used for drying apples. When required for use, it should be roasted and ground like coffee. Requires similar treatment to carrots. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 80c.

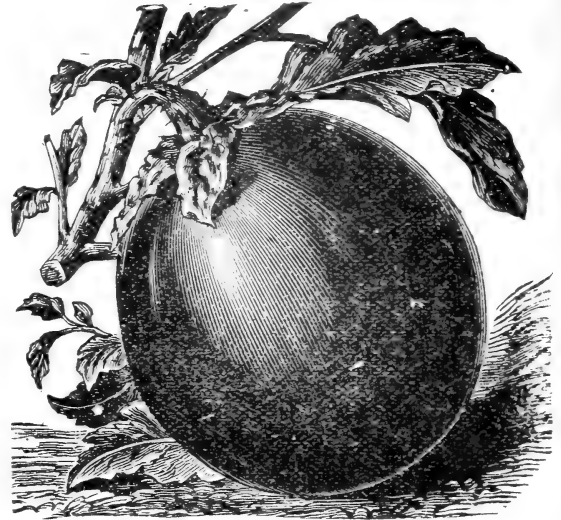
**CHIVES.**

The chives are small and not very important members of the onion tribe, quite hardy everywhere. The leaves are slender and appear very early in the spring, and may be shorn several times during the season. They are propagated by divisions of the root. The chives make the very best border for beds in the vegetable garden, and are not only ornamental, bearing pink flowers and a mass of green leaves, but equal the onion for flavoring soups and salads. Roots 20c per bunch, post paid.

**EGG PLANT.**

**NEW YORK IMPROVED LARGE PURPLE.** This variety has about superseded all others both for market and home gardens. It is practically spineless which is a great advantage in handling. Our Stock is the true large purple, direct from the best growers in New Jersey. Pkt. 5c., ¼ oz. 15c., oz. 40c., ¼ lb. \$1.25.

**EARLY LONG PURPLE.** This is the earliest variety; very hardy and productive. Fruit long and of superior quality; good for general culture. Pkt. 5c., oz. 25c., ¼ lb. 75c.



New York Improved Large Purple.

**KOHL-RABI, or Turnip-Rooted Cabbage.**

The Kohl-Rabi is a vegetable intermediate between the cabbage and turnip, and combines the flavor of each. The edible part is a turnip-shaped bulb, formed by the enlargement of the stem. When used for the table this should be cut when quite small, as it is then very tender and delicate, but if allowed to reach its full size it becomes tough and stringy.

**EARLY WHITE VIENNA.** The earliest and best for forcing; very tender; excellent for table use. Pkt. 5c., oz. 20c., ¼ lb. 60c.

**EARLY PURPLE VIENNA.** Same as above, only differs in color. Pkt. 5c., oz. 20c., ¼ lb. 60c.



Vienna Kohl-rabi.

**Our Seeds are "The Old Reliable."**

Watch our competitors imitate our style.

**HORSE-RADISH.**

Horse-radish produces no seed, but is grown from pieces of the root. *Culture.*—Mark off rows 2½ feet apart in rich, moist, well prepared ground, and set the pieces of root 18 inches apart in the rows, vertically, the small end down. Cultivate thoroughly until the tops cover the ground, when their shade will keep down the weeds. Small roots 20c. per dozen, 85c. per 100, post paid. If wanted in quantity, see price list Roots in back part of catalogue.



Large Garlic Bulbs.

**GARLIC.**

The Garlic is the most pungent of all the onion family. It is much used in the south of Europe. The root or bulb is composed of many small bulbs called "cloves," which are planted in and in August the tops will die, when the bulbs are ready to gather. They do best in light, rich soil. Large bulbs, lb. 30c., 3 lbs. for 80c., post paid. Small bulblets 40c. per lb., post paid. Write for prices on large lots.

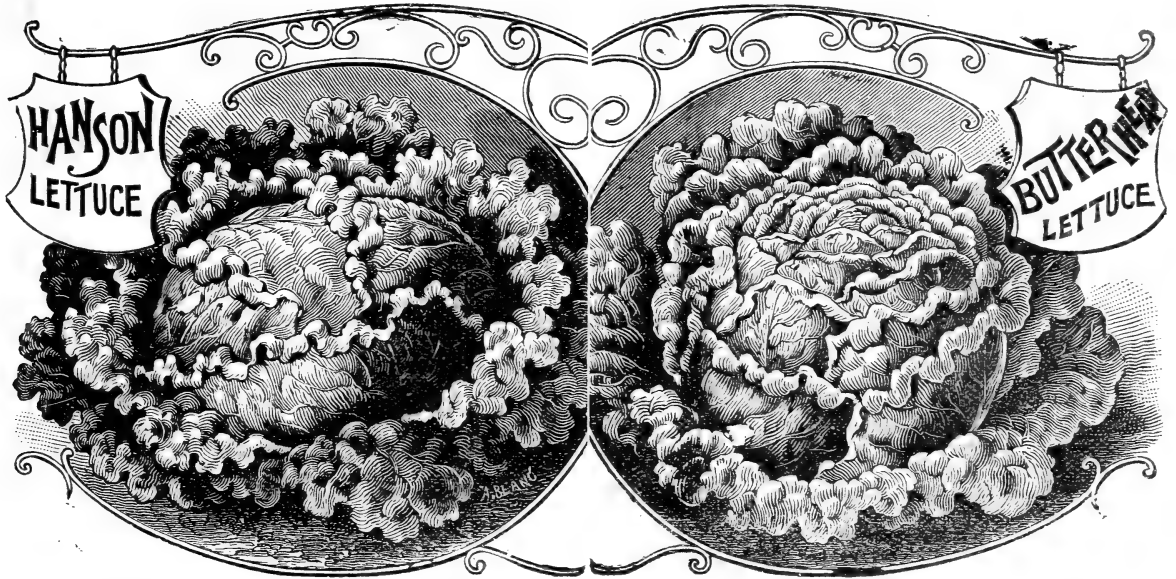
**ENDIVE.**

**GREEN CURLED.** A desirable salad, when bleached by exclusion from the sun. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

**BROAD-LEAVED BATAVIAN.** A large summer variety; very productive, and one of the best. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.



Endive.



# LETTUCE. CABBAGE OR HEADING VARIETIES.

One ounce will produce about 3,000 plants.

**BARTEDES FRENCH FORCING.** Unquestionably the earliest of the forcing varieties. See novelties for full description. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

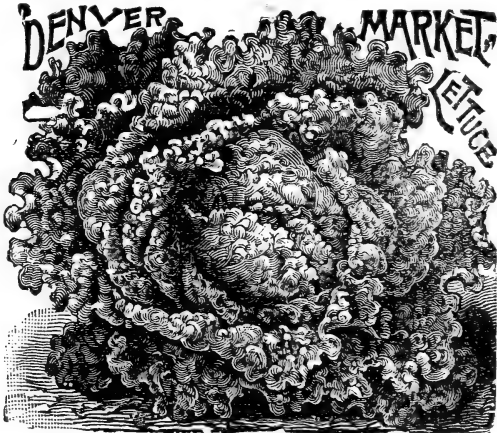
**BARTEDES DENVER MARKET.** It is an early variety of Head Lettuce either for forcing or open ground. It forms large solid heads of a good light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered and very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the Hanson, but is more oblong. This stock is grown expressly for gardeners' use. Buy from us and get the true stock. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

**DENVER MARKET, "Forcing."** For growing under glass. A very select stock. See novelties. Pkt. 5c., oz. 20c., 2 oz. 35c., 4 oz. 60c.

**BIG BOSTON.** This new variety resembles the well known Boston Market Lettuce, but produces heads, almost double the size, and matures a week later. Endures hot weather exceedingly well. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

**CALIFORNIA CREAM BUTTER.** Heads large, round and of a beautiful appearance. The outer leaves are medium green, marked with small brown spots; inner leaves of a rich cream color. Medium early and makes a good sort for summer use. Quality very good, rich buttery flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**EARLY PRIZE HEAD.** It forms a mammoth head and remains tender and crisp throughout the season; is prompt to head, but slow to seed, of superior flavor and very hard. The leaves are very large, crimped, bright green tinged with brownish red on edge. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.



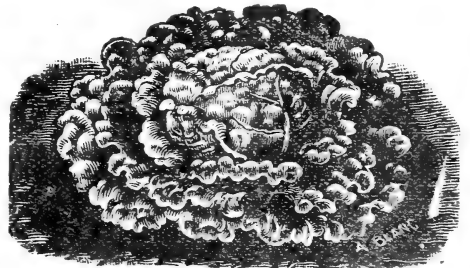
Bartedes Denver Market.

**EARLY CABBAGE, or DUTCH BUTTER-HEAD.** Produces fine, greenish white, large heads of extra quality, remarkably tender and crisp, sure to head; of quick growth. It is one of the best for forcing, and also for summer use, as it is slow to shoot to seed and resists heat well. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**SILVER BALL.** This lettuce produces a beautiful head, very firm, solid and compact, with handsomely curled leaves. The head is of an attractive silvery white color, very rich, buttery and most delicious flavor. It comes early and stands a long while before running to seed. A most excellent variety, both for early spring and summer use. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**EARLY TENNIS BALL.** The best variety of head or cabbage lettuce for growing under glass. Very hardy. Leaves thick, crisp and tender, forming under glass a compact head, but apt, unless planted very early, to be loose and open in the air. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**HANSON.** The heads are of very large size, deliciously sweet, tender and crisp, even to the outer leaves; heads weigh two and a half to three pounds, and measure about one and a half feet in diameter. Color, green outside and white within; free from any bitter, unpleasant taste. Not recommended for forcing, but has few superiors for family use. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.



Silver Ball.

## Curled or Loose Leaved Lettuces.

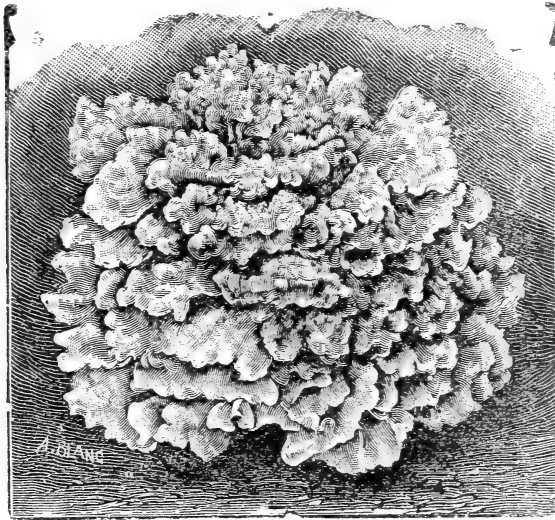
**BLACK SEEDED SIMPSON.** The leaves of this variety are very large and form a compact mass rather than a distinct head. They have the quality of not wilting quickly and being of a light green color, the variety is much liked by market gardeners for forcing. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**SIMPSON'S EARLY CURLED.** One of the best early sorts for market or family use. All the leaves tend to produce a large, loose head. Leaves beautifully crimped, dark green, very tender and crisp. Recommended for general cultivation. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

When Garden Seeds are ordered by Express or Freight at your expense deduct 10c. per pound from these prices,

NOTE OUR OFFERS ABOUT PREMIUM PACKAGES.





Grand Rapids.

## LETTUCE—CONTINUED.

**EARLY CURLED SILESIAN.** The old favorite; of dwarf, compact habit and quick growth; crisp, golden leaves with finely curled edges. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

**GRAND RAPIDS.** As a lettuce for green house forcing, this variety undoubtedly stands at the head of the list, being of quick growth, little liable to rot, and standing for some days after being fit to cut. The plant is upright and forms a loose head or cluster of large, light yellowish green leaves, slightly crimped and blistered and rather thin. It will stand shipping long distances better than most sorts. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

**PARIS WHITE COS LETTUCE.** The Cos lettuces are distinct from the preceding sorts, in having long, narrow, spoon-shaped leaves, which usually fold into loose, sugar-loaf shaped heads, which blanch better by having the outer leaves drawn about them and tied. On account of their exceeding crispness, tenderness and delicate flavor, they are becoming more and more popular in this country. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

## LEEK.

One ounce will sow 100 feet of drill.

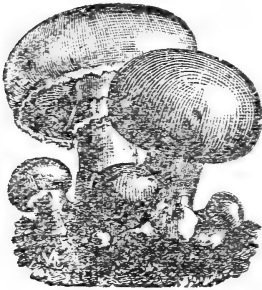
**LARGE LONDON or SCOTCH FLAG.** This Leek is reported more delicate than the onion for soup, etc. Sown in seed bed middle of spring, when the plants are three or four inches high, transplant them into rows wide enough apart to admit the hoe between them. With good culture they may be grown five or six inches in circumference. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.10.



Large London or Scotch Flag.

## MUSHROOM SPAWN.

Mushrooms may be cultivated much easier than is generally supposed. They may be grown in a cellar or shed or in beds prepared in the open air, in the same manner as hot-beds. Take fresh horse manure, shake it well apart, and lay it into a heap to ferment. Turn and mix it well every three or four days, by shaking together the outside of the heap, which is cold, and the inside, which is hot, so that every part of it may be equally fermented and deprived of its noxious quality. When the dung is in a fit state to be made into a dry spot for a foundation, mark out the bed which should be four feet wide, and as long as you choose to make it. In making the bed, mix the dung well together, beating it down with the fork until eighteen or twenty inches thick. In this state it may remain until the temperature is about 74 degrees. Divide the large cakes of spawn into small lumps, plant two inches below the surface, six inches apart, cover with two inches of fine, light soil and press down evenly and protect from heavy rains. The mushrooms will make their appearance in from four to six weeks, according to the season. After the bed has been spawned, do not water unless quite dry; use lukewarm water only. Per brick 25c., 5 lbs. \$1. postpaid. By express not prepaid, 1 brick 15c., 10 lbs. \$1.



Book, "How to Grow Mushrooms," by mail 10c.

## OKRA or GOMBO.

One ounce will plant 100 hills.

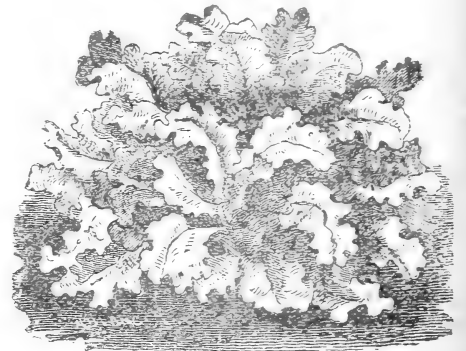
The young, green seed-pods of this plant are used in soups, or stewed and served like asparagus. The young pods can also be dried for winter use.

**DWARF.** Prolific, early, long-podded and productive. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**TALL.** Height five feet. Plant in rows of three feet and let two plants stand to the foot. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 50c.

**WHITE VELVET.** It is very distinct in appearance, and unlike other varieties, the pods are not rigid, but are perfectly round and smooth, and of an attractive appearance; and of superior flavor and tenderness. The plants are comparatively dwarf and of compact branching growth; the pods are of extra large size and produced in great abundance. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

## MUSTARD.



**GIANT CURLED or CHINESE.** Highly esteemed for salads, particularly in the South. The leaves are twice the size of the ordinary white mustard; flavor sweet and pungent. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**WHITE ENGLISH.** The leaves are light green, mild and tender when young; seed light yellow. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.

**BROWN or BLACK.** The common small-seeded variety. More pungent than the White. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c.



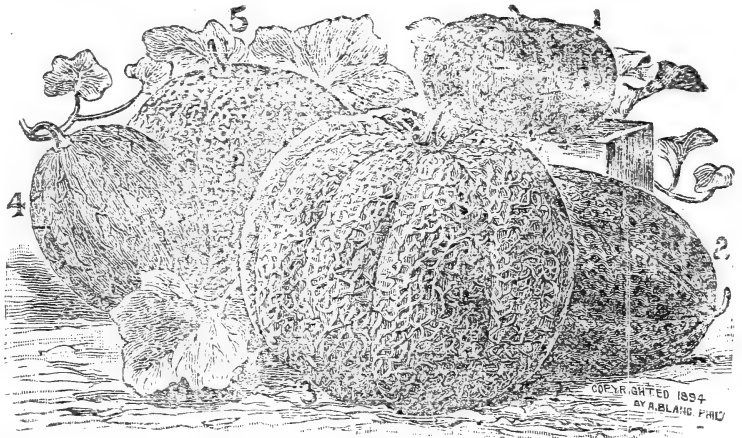
# MUSK MELONS.

One ounce will plant about 60 hills. Three pounds per acre.

15c per lb. may be deducted when 5 lbs. or more of one variety are ordered, not prepaid.

Much of the melon seed offered throughout the country, is the product of immature and deformed melons remaining in the field after all the choice fruit has been marketed. We do not sell any but the choicest seed.

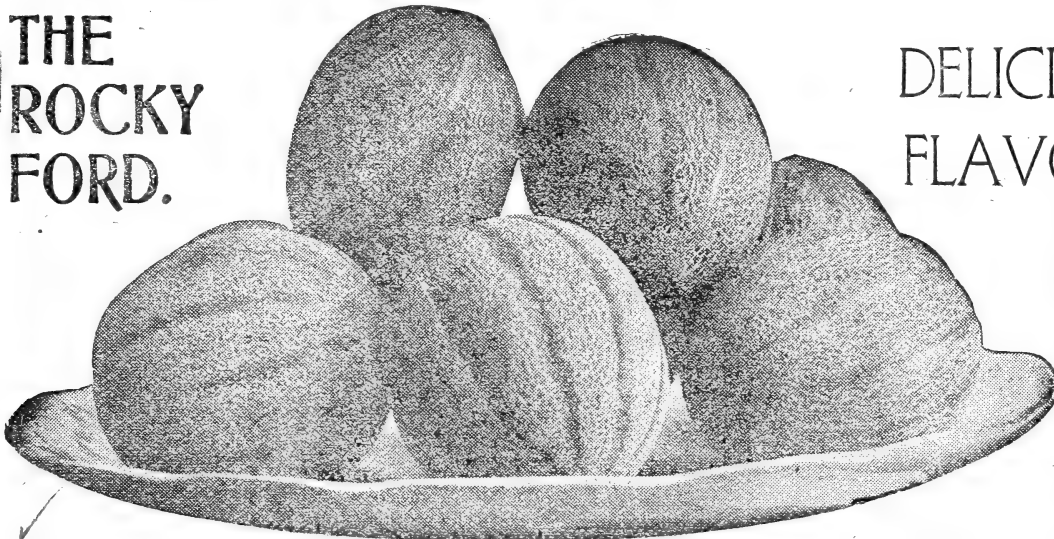
## GREEN FLESH VARIETIES.



1. Extra Early Citron.  
4. Cassaba.

3. Netted Nutmeg.  
5. Hackensack.

# THE ROCKY FORD.



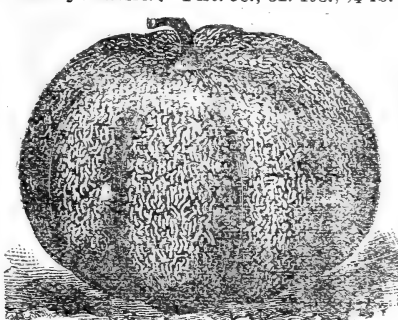
# DELICIOUS FLAVOR.

The Most Attractive Musk Melon On The Market.

**THE ROCKY FORD MUSK MELON** is a new and most valuable introduction, and has attained in an incredible short time a national reputation. It is of the Netted Gem type, oval in shape, averaging from four and one-half to five inches in length, of a delicious flavor, very fine and smooth grained flesh, of a light green color throughout when ripe, from the district in which it has been for past several years so extensively grown, Rocky Ford, Colorado, and from which point these melons are shipped in their season by the car load to nearly every station in the United States, till the name Rocky Ford has become a synonym for excellence in cantaloupes. Few hotels remain whose tables are not supplied with this toothsome dainty, and for a breakfast delicacy this luscious little melon is without a rival. Its aroma is delightful, and no bill of fair is complete without it in the melon season. In productiveness it equals any of the older sorts, making up in quality any number of melons for whatever it may lack in size. Recent experiments have determined its perfect adaptability to many parts of the west, and the up-to-date grower of melons for the market has a field already open to him by the enterprise of the Rocky Ford growers for this superior variety. The seed we offer is our own growing at Rocky Ford, Colorado, and can be relied on for both purity and vitality. The accompanying cut, made from a photograph of melons grown by us, will show the true type of the genuine Rocky Ford Cantaloupe. Be sure and include it in your order. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.25, 3 lbs. for \$3.25 postpaid.

**EXTRA EARLY CITRON.** A decided acquisition among cantaloupes. Earlier than any other; large, showy, and of fine flavor. A variety which for its early maturity will be found profitable by all market gardeners, and desirable also in the private garden till others come into condition. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.

**EXTRA EARLY HACKENSACK.** By careful selection and improvement carried on for some years, this strain has been so developed that it produces melons with all the good qualities of the well-known Hackensack Melon, but at least ten days earlier. Pkt. 5c., oz. 10c., ¼ lb. 35c., lb. \$1.15.



Montreal Market.

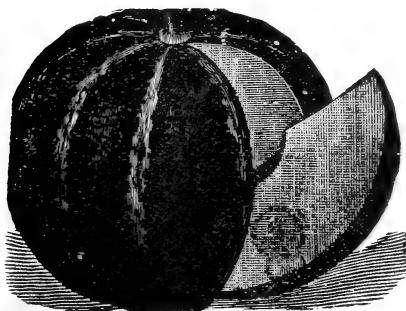
**NETTED GEM.** This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and highly flavored. We offer an exceptionally fine stock of this sort. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.

**NETTED NUTMEG.** We consider this the best variety in cultivation for family use. Vines vigorous, hardy, productive; fruit round, slightly flattened at both ends, ribbed, covered with coarse netting; flesh very thick, green and of the highest flavor. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.

**THE HACKENSACK.** The most popular variety of musk melon grown for market by gardeners in the vicinity of New York. It attains a large size, is round in shape, flattened at the ends; it is of most delicate flavor, and wonderfully productive. Pkt. 5c., oz. 10c., ¼ lb. 35c., lb. \$1.15.

**MONTREAL MARKET.** This fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, deeply netted; flesh remarkably thick, light green, melting, and of a delicious flavor. They are very regular in shape, and uniformly grown to a very large size. To all who desire to raise the handsomest melons possible for exhibition, or extra large fine melons for market, we highly recommend the Montreal Market. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

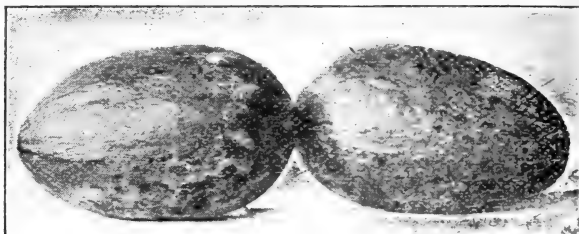
## MUSK MELONS.—Continued.



Emerald Gem.

**KHIVA or WINTER MUSK MELON.** Musk Melon for Christmas dinner? Yes, a delicious, sweet musk melon is a rare treat. You can have such, and from your own garden. If you plant **KHIVA**. It is the most delicately flavored winter-keeping melon we have ever eaten. The flesh is white and very thick, 2 to 3 inches deep. The skin is firm with a grayish green color, slightly mottled. Is of egg shape, and weighs 12 to 30 lbs. Not real delicious until in November and later. They keep nicely until in January.

This melon is introduced by Mr. John F. Brown, a melon specialist of 15 years' experience—this alone is a grand recommend. Last season forty crates were shipped from Utah to Agricultural Department, Washington, arriving in perfect condition. Can furnish seed in limited quantities only. Price, 15c. per packet, 35c. per ounce.

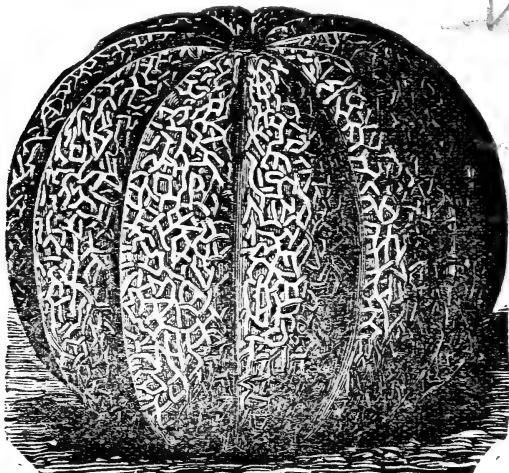


Khiva or Winter Musk Melon.

**OSAGE.** The great popularity which this melon has attained is due mainly to its peculiar luscious, spicy flavor and its perfect shipping qualities. The skin is very thin, of a dark green color, and slightly netted. The flesh is of a salmon color, remarkably sweet, extremely thick, and delicious to the rind. It is also very productive. It is a remarkable keeper, and will stand shipping better than any melon we ever saw. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**BANANA.** An entirely distinct variety, bearing long, slender, banana-like fruit. Skin creamy white and entirely free from netting. Flesh deep salmon color, thick and of good quality. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.25.

**PEACH MELON or GARDEN LEMON.** The fruit is about the size of a large peach, oval-shaped, and of a bright orange yellow color somewhat russeted. When it first ripens it is quite hard, and has very little flavor, but soon they become mellow not sweet, and have a rich flavor. For sweet pickles, pies, or preserving, they are superb. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.25.



Osage.

**COLE'S EARLY.** This is an extra early melon, maturing fully a week or more in advance of any other variety. (See cut, page 25.) Melons are oval in form, small in size, handsomely striped with light and dark green. In the earliest varieties the fruits are too small to be of value for shipping to market, but of good quality and desirable for raising for home use, especially where the season is short. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

**PHINNEY'S EARLY.** A very early variety; medium and uniform size, and of beautiful form. One of the best melons we know of. The skin is smooth, with uniform, narrow, white mottled and dark green stripes. Flesh light red or pink, very sweet and delicious. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

## WATER MELONS.

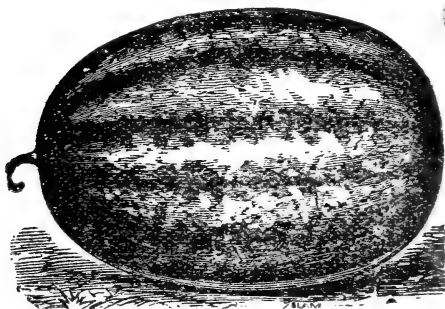
One ounce will plant about 30 hills. Three to four pounds will plant an acre.

**KING AND QUEEN.** A new winter melon. See novelties.



**KENTUCKY WONDER.** In shape it is oolong; skin dark green, marbled in stripes of light green; flesh a beautiful scarlet color, crisp tender, rich and sugary flavor, always firm, and never mealy. Attains an average weight of forty to sixty pounds. Not a mammoth variety, but a real good old-fashioned Kentucky melon, that has few equals in quality. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

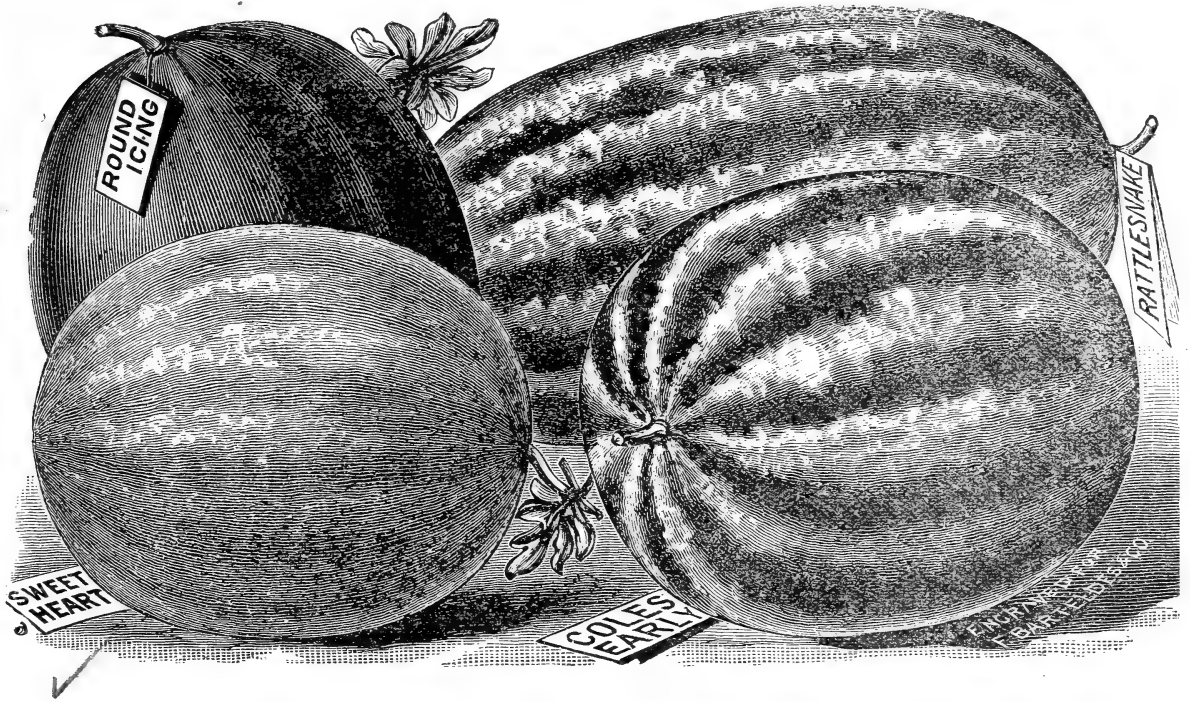
**CUBAN QUEEN.** A large and solid variety, rind very thin and strong, ripens to the very center, skin striped with dark and light green. Vines strong, healthy, and of vigorous growth, very heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary. It is an excellent keeper, and bears transit well. Pkt. 5c., oz. 10c., ¼ lb., 25c., lb. 75c.



Cuban Queen.

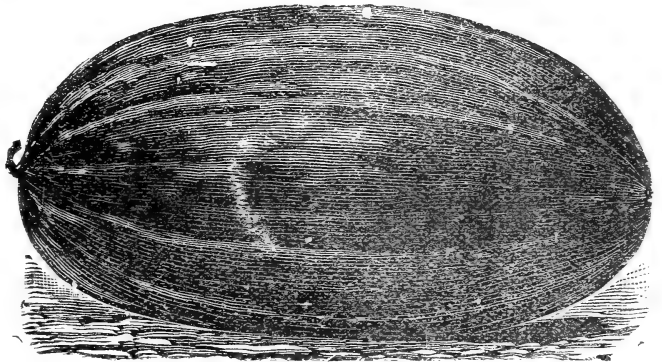
Fifteen cents per pound may be deducted when five pounds or more of one variety of Melon is ordered, not prepaid.

**SLUG SHOT** is good for driving off bugs on Melons, Squashes, Cucumbers, etc. See prices in back of Catalogue.



## ROCKY FORD WATER MELON.

This melon is considered one of the best for this climate. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white lying close to the rind, leaving a large solid heart which does not crack open when ripe. The scarlet flesh is sweet and sugary and of such texture that it leaves no strings of pulp whatever in eating. The melon is better for home use than for shipping, and we believe it is the best table melon today. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

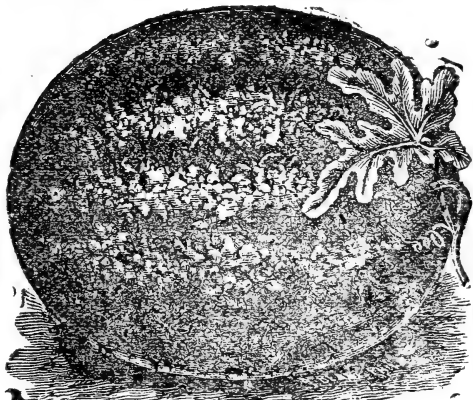


**ICE CREAM or PEERLESS.** One of the best of water melons; solid, always of good flavor, rind very thin. Unequaled in good qualities. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**SWEET-HEART.** A new melon of excellent quality, and one that is sure to become a popular and standard variety. Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled, light and dark 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. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**GYPSY or RATTLESNAKE.** The largest of all the varieties of water melons, long, smooth, distinctly striped with light mottled and wavy, dark green, regular stripes. Flesh bright scarlet and very sugary. Thin-skinned but bears carriage well, which, together with its large size, will make it an exceedingly popular late market variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**KOLB GEM.** Vines of medium size but remarkably vigorous and healthy. Fruit of the largest size, round or slightly oval, marked with irregular mottled stripes of dark and very light green in sharp contrast, which gives it a bright and attractive appearance. Flesh bright red, extending to within half an inch of the rind; always solid very firm, a little coarse, but sweet and tender. An excellent keeper. All who have grown it agree in pronouncing it one of the largest, most productive, best keeping and shipping melons ever grown. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.



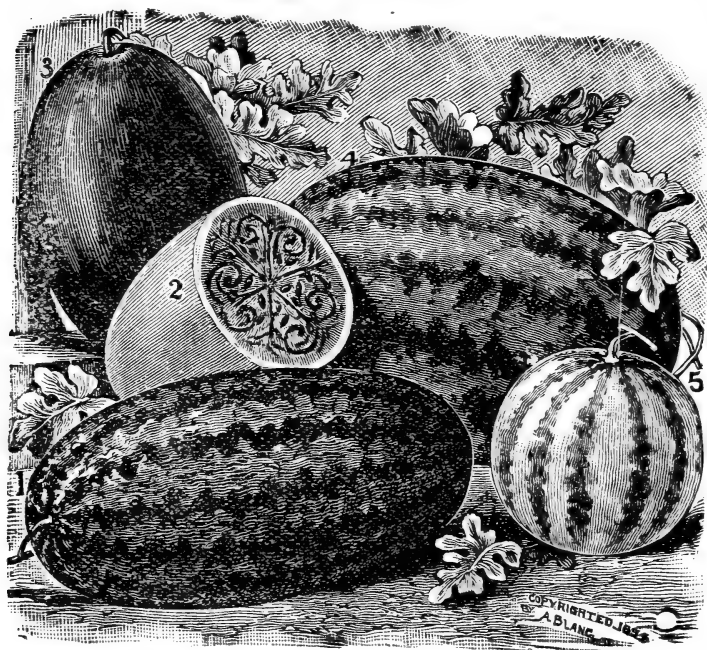
Kolb Gem.

**JONES' JUMBO.** The shape is round, color green with faint lighter stripes; deep red meat, surpassing all other varieties in flavor and size, and as a market melon sells more rapidly and for higher prices. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**We are the largest growers of Melon Seed in the West, grow several carloads annually. Buy your Melon Seed from Headquarters. Will make Special Prices on Large Lots.**

**Fifteen cents per pound may be deducted when five pounds or more of one variety of Melon is ordered, not prepaid.**





1. Florida Favorite. 2. Seminole. 3. Black Spanish. 4. Mammoth Ironclad. 5. Citron.

**KANSAS STOCK, or COLORADO PRESERVING MELON.** This melon is grown extensively in Oklahoma, western Kansas and eastern Colorado. It is immensely productive. The melons grow to a large size, some of them weighing as high as sixty or seventy pounds. The flesh is firm and solid with only very few seeds. The melons will keep all winter, and can be fed to stock same as turnips and beets. They grow on any kind of soil, and in dry seasons and climates. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**MOUNTAIN SWEET.** An old standard variety; size large, flavor good, rind thin, dark in color; best for garden culture. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**BLACK DIAMOND.** A cross between Kolb's Gem and Hoosier King. All that could be said of the Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the Black Diamond. All the praise of high quality bestowed on the Sweet-Heart can be repeated of our new Melon, but its prominent point of merit is its extreme size—no melon ever yet produced anything like so uniformly large fruit nor approaching it in productiveness. Melons weighing from 75 to 90 pounds, are frequent. It is the most prolific Watermelon ever planted. Its color is a rich dark green, almost black. Of uniform symmetrical shape, roundish to bluntly oval, and this similarity of shape running through the whole field. The habit of the vine is extremely vigorous. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.



Kleckley's Sweet.

**DIXIE.** This new and desirable variety of Southern origin, is a cross between the Kolb's Gem and Mountain Sweet, having the tough rind and long keeping qualities of the former combined with the great productiveness, high flavor and freedom from stringiness of the latter. Color of the skin dark green, striped with a lighter shade, making it very attractive; rind thin but tough; flesh bright scarlet; ripens closely to the rind; is of the best quality and free from all toughness and stringiness so objectionable a feature of many shipping melons. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

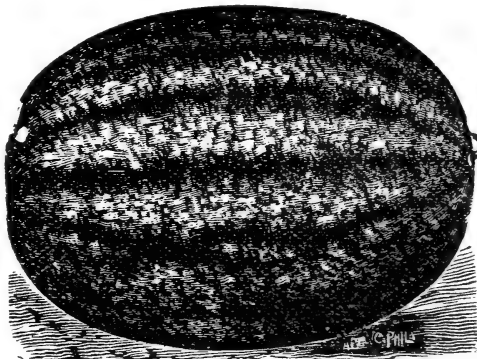
**FLORIDA FAVORITE.** Oblong in shape, growing to a very large size, rind dark with light green stripes, flesh light crimson, crisp and deliciously sweet. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**BLACK SPANISH.** Round, very dark green, with scarlet flesh and black seeds. It is not so large as some of the other sorts, but has a very thin rind, and a rich, sugary flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**MAMMOTH IRONCLAD.** This variety is one of the largest melons grown. It resembles in color the striped Gypsy, but grows larger. The flesh is of a fine sugary flavor; it is very firm and solid, and bears shipping well. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**SEMINOLE.** It is extra early, enormously productive, extra large and of most delicious flavor. It is of two distinct colors; gray and light green. The color gray predominates, about one-fourth of the melons being of the light green color. Melons of both colors are found on the same vine. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**CITRON.** For preserving; grows uniformly round and smooth; striped and marbled with light green; flesh white and solid. See cut. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.



Dixie.

**KLECKLEY'S SWEET.** Large oblong Melon, twenty inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. Seeds white, lying close to the rind, leaving a large solid heart which does not crack open when ripe. The scarlet flesh is sweet and sugary and is of such texture that it leaves no strings of pulp whatever in eating. The melon is better for home use than for shipping, and we believe it is the best table Melon today. Monte Christo is very much like it. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

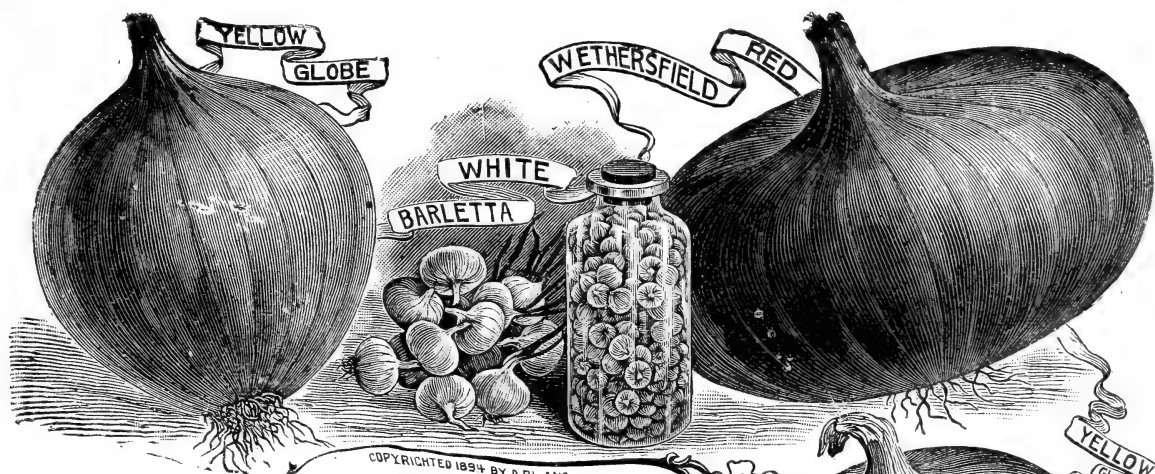
**PRIDE OF GEORGIA.** A much better table variety than the Kolb Gem, though not so good a shipper, owing to the exceedingly thinness and tenderness of the rind. In form the melons are an oblong-oval, bearing identifications somewhat like the musk melon. The vines are exceedingly prolific. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**NASTURTIUMS.**

SEE PAGE 52 FLOWER SEEDS.

Get your neighbors to combine their orders with yours, save on transportation, also help your friends in getting reliable seeds.





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# ONIONS.

One ounce of seed will sow 50 feet of drill. Four to six lbs. for an acre.

We make a specialty of onion seed, and handle it extensively. We grow a large portion of our seeds ourselves and have them grown by experienced growers under our supervision. Our seed is grown from choice selected bulbs and can be relied upon. We make special prices to gardeners and others using large quantities of seed.

✓ **BROWN AUSTRALIAN.** Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. They are extremely early in ripening, and never make any stiff necks or scullions. Every seed seems to produce a good sized onion and the bulb begins to form very quickly—when the plant is not over three inches high. Planted with Red Wethersfield, it proved to be nearly four weeks earlier and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep in good condition longer than any other onion known. The color of the skin is a clear amber brown. So widely contrasted from any other onion is this color that it will be noticed on the market, and when once bought, purchasers will be likely to return and call again for "those beautiful brown onions." Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.15.

✓ **EXTRA EARLY RED FLAT.** This variety ripens about ten days earlier than the large Wethersfield and is rather smaller in size, but close grained and heavy. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

✓ **SOUTHPORT RED GLOBE.** A large globe-shaped onion, with small neck, rich red color, a splendid keeper and of extra fine quality. It matures a few days later than the Red Wethersfield. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$1.50.

✓ **LARGE RED WETHERSFIELD.** The old standard sort; best for main crop. Large, deep red, thick, nearly round, fine grained, pleasant flavored and productive. It ripens in September and keeps well. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

✓ **YELLOW GLOBE DANVERS, Colorado Grown, Long Keeper.** See Novelties.

✓ **SOUTHPORT YELLOW GLOBE.** Of the same general character and quality as the Southport Red Globe except in color. It is now very popular among our Colorado onion growers. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

✓ **YELLOW GLOBE DANVERS.** A very excellent variety of globular shape; flesh white and mild flavor, skin brownish yellow. It is very productive and a good keeper. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.15.

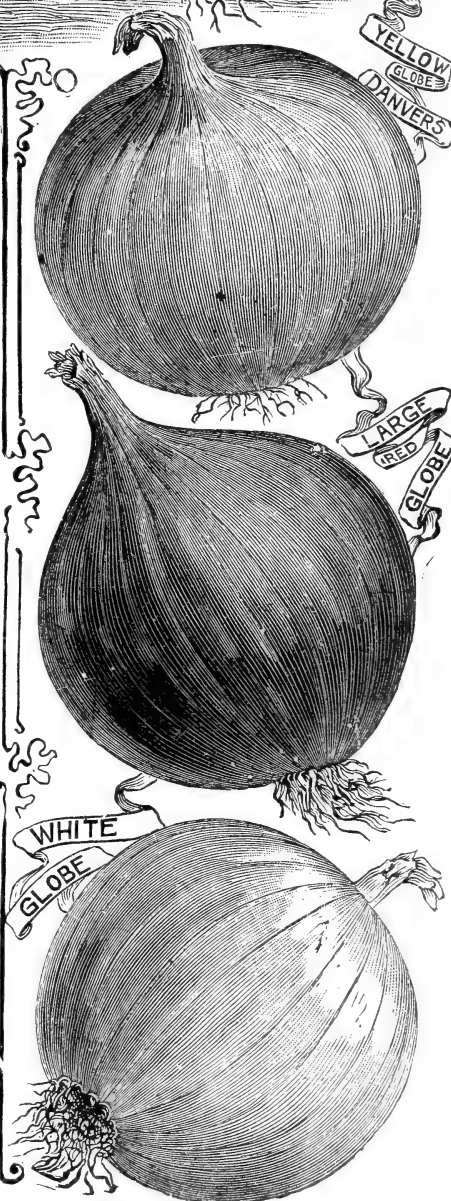
✓ **YELLOW FLAT DANVERS.** Same as above, only different in shape. Pkt. 5c., oz., 15c., ¼ lb. 35c., lb. \$1.15.

✓ **OREGON YELLOW DANVERS.** It is a cross between the flat and the globe, one of the best keepers for our western climate. Pkt. 5c., oz. 15c., ¼ lb. 35c., lb. \$1.25.

✓ **PRIZETAKER.** This new and handsome variety is a splendid type of the celebrated Spanish fancy onions, which are annually imported into the United States from Spain and sold by confectioners and fruiters in our large cities at from twenty-five to fifty cents each, and even higher. The onions grown here quite rival the imported ones in great beauty and enormous size, weighing in many cases from three to three and three-fourths pounds each. The outside skin is of a rich yellow color, while the flesh is white, sweet and mild. Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$1.50.

✓ **EXTRA EARLY BARLETTA.** It is fully two or three weeks earlier than the Early White Queen, which heretofore has been the earliest variety in cultivation. They are of a pure paper white color, very mild and delicate in flavor, from one inch to one and a half inches in diameter and three-fourths of an inch in thickness. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.

✓ **EARLY WHITE QUEEN.** Succeeds well everywhere. The bulbs are small, flat, beautifully white, and of excellent flavor, but the principal recommendation is the marvelous rapidity of its growth. Sown in February it will produce onions one or two inches in diameter early in summer. Sown in July they will be ready to pull late in the autumn, will keep sound for one year, retaining to the last their most exquisite flavor. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.



5 lb. lots Onion Seed, not prepaid, 25c. less per pound.  
10 lb. lots Onion Seed, not prepaid, 35c. less per pound.



## ONIONS.

**SILVER SKIN.** Sometimes known as the White Portugal. A mild, pleasant flavored variety; admirable for family use; not so good a keeper as the dark-skinned varieties. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

**WHITE GLOBE.** Yield abundantly, producing handsome and uniform globe-shaped bulbs. The flesh is firm, fine-grained and of fine flavor. Sometimes called Southport White Globe. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

**GIANT WHITE ITALIAN TRIPOLI.** A large, beautiful, pure white, flat onion of mild and excellent flavor. Will produce a somewhat larger onion from seed than our White Portugal; but to attain their full size the plants should be started very early in a hot-bed and set out in rich soil. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

**EL PASO.** A new variety from Mexico. It grows there to a diameter of six inches, weighing two-thirds of a pound, flavored very mildly. Our seed of this variety comes direct from Mexico, bought from farmers and ranchmen. Skin of the onion generally white, but sometimes mixed with red and yellow. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

**MAMMOTH SILVER KING.** We have imported seed of this truly mammoth variety direct from the originator in Italy. It is of attractive shape, with silvery white skin, and flesh of a most agreeable, mild flavor. It reaches a larger size than any of the flat white varieties, frequently measuring twenty inches in circumference and weighing three to four pounds. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.

**WHITE LISBON.** A quick growing, globe-shaped, large variety, especially adopted for bunching and early grown onions. Can be sown in early fall for early spring use. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.25, 5 lbs. or more at \$1 per lb.

**BERMUDA ONIONS.** These onions grow to an immense size and are of beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an onion from one to one and a half pounds from seed, but to attain full size, set out the bulbs the following spring. Can supply either the white or the red. In ordering, please state which color you prefer. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

## ONION SETS.

Prices given are subject to market fluctuations. When you want large quantities ask for market prices. Thirty-two pounds constitutes a bushel, except the Top or Button Sets, which are 28 pounds for a bushel.

When wanted by mail add 10c. per quart.

**RED BOTTOM.** Produced by sowing thickly the seed of the Large Red Wethersfield variety, and thinning out. They mature under this method when about half an inch through. They are then used precisely as top onions are; set them out in the spring, instead of sowing the seed. Qt. 20c.,  $\frac{1}{4}$  bu. 90c., bu. \$3.25.

**YELLOW BOTTOM.** Identical with the preceding, except in color. They are used in the same manner, and are produced from the black seed of the Yellow Danvers variety. Qt. 20c.,  $\frac{1}{4}$  bu. 85c., bu. \$3.1

**WHITE BOTTOM.** The seed of the White Silver Skin or White Portugal varieties is used to produce the white sets. They do not keep as well as the red or yellow, but produce beautiful white onions early in the season. Qt. 25c.,  $\frac{1}{4}$  bu. \$1. bu. \$3.50.

**TOP, or BUTTON,** Produces no seed, but instead a number of small bulbs or onions about the size of an acorn, and on the top of the stalk. These little bulbs are used instead of seed, and will produce a large onion, maturing much earlier than from seed. The large onion produces the top onion, and the little top onion produces the larger onion. Qt. 25c.,  $\frac{1}{4}$  bu. \$1.25, bu. \$4.

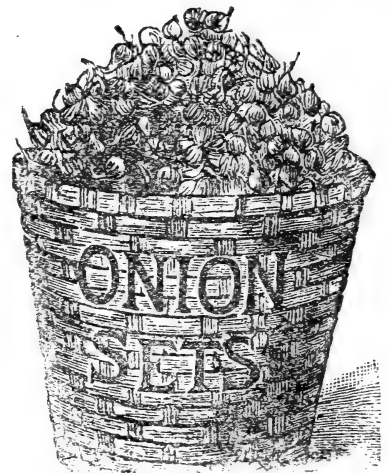
**WINTER TOP or BUTTON.** This variety has been lately advertised by eastern houses as "Perennial Tree or Egyptian Onion," at high prices. We tried it and found it to be our old and long-known Winter Set, which are only good for early bunch onion, making no bulbs; if once set they will come up year after year without any winter protection. The sets grow on top of the stalks. Furnished only in fall and early winter. Qt. 15c.,  $\frac{1}{4}$  bu. 70c., bu. \$2.25.

**POTATO ONION.** Produces a quantity of young bulbs on the parent root, which should be planted early in spring in rows eighteen inches apart, six inches apart in the row and covered one inch deep. They should be earthened up like potatoes as they continue to grow. Qt. 25c.,  $\frac{1}{4}$  bu. \$1.25, bu. \$4.

**WHITE MULTIPLIER ONION SETS.** These are of a pure silvery white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted, of excellent quality and size for bunching green or can be ripened for use as pickling onions, and for this latter purpose can be grown much more economically than from seed. Their most important quality is extreme earliness, being ready for market from three

to four weeks ahead of other onion sets. Qt. 30c.,  $\frac{1}{4}$  bu. \$1.50, bu. \$5.

**SHALLOTS.** Used extensively in Germany. Valuable for an early crop. They grow in clusters, very productive, of very mild and sweet flavor. Qt. 30c.,  $\frac{1}{4}$  bu. \$1.50.



For Garlic see page 20.



## PARSLEY.

**NEW EMERALD.** The plants are of dwarf, compact growth, while the leaves are of a handsome bright-green coloring, very finely crimped and curled, of most ornamental appearance. One of the finest for garnishing or flavoring. Commands the highest price in Denver markets. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

**CHAMPION MOSS or TRIPLE CURLED.** The leaves are finely cut and curled and of a dark green color. Extra fine for garnishing and culinary purposes. Pkt. 5c. oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

When you want a good  
**Seed Drill or Hand Cultivator**

Look over our List of Tools in back  
part of this Catalogue.

If you keep **POULTRY** ask for our  
**Poultry Supply Catalogue**

Mailed Free upon application.

**WE HAVE THOROUGHbred POULTRY.**

# PARSNIPS.

They do the best in deep, rich, sandy soil, but will make good roots on any soil which is deep and mellow and moderately rich. As the seed is sometimes slow to germinate, it should be sown as early as possible; cover one-half inch deep, and press the soil firmly over the seed; give frequent cultivation, and thin the plants six or eight to the foot. One ounce will sow 150 feet of drill, 5 pounds one acre.

**MAGNUM BONUM.** A very fine and greatly improved strain of the Hollow Crown, which we can recommend to all marketmen as a *money maker*. The roots smooth, not so long as those of the standard sort, somewhat thicker in diameter and much more easily pulled. A very heavy cropper. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

**SUAGAR, or HOLLOW CROWNED.** The best for table use; a vegetable of merit, easily raised, and of great productiveness. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

**GUERNSEY.** Roots comparatively short, ending somewhat abruptly, with a small tap root; grow from a cavity on the top or crown of the root. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.



Hollow Crown.



Alaska.

# PEAS.

Two pounds of seed sows 50 feet of drill, 120 lbs. for an acre.

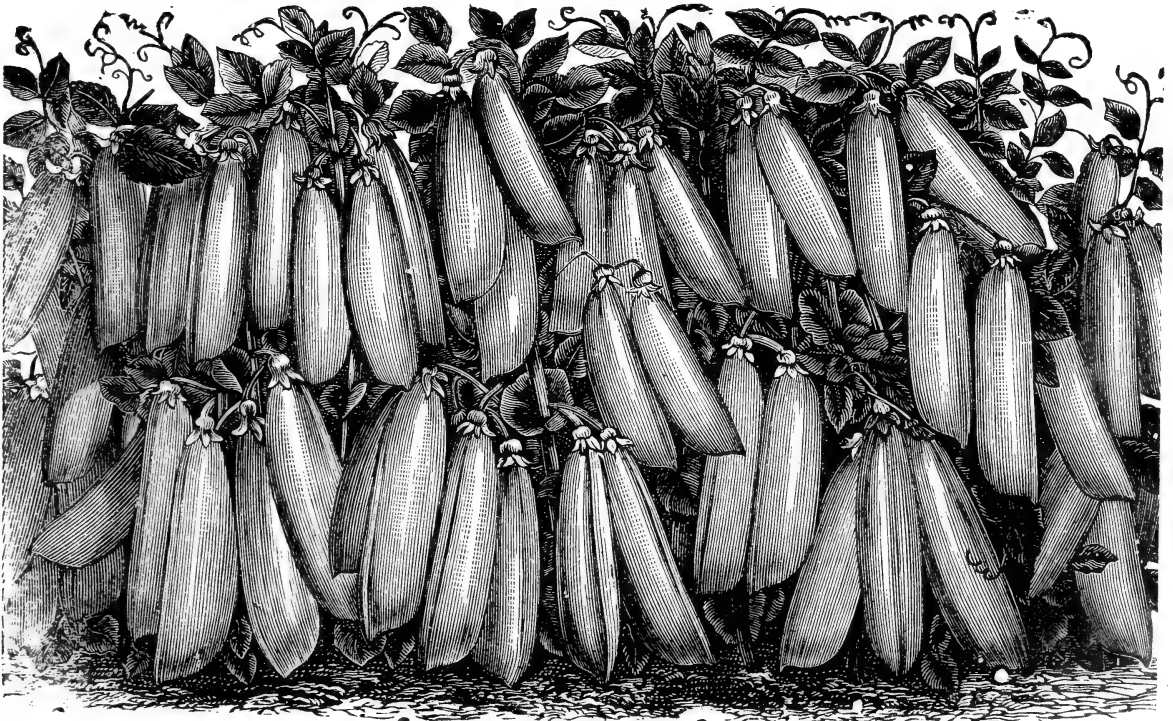
**GRADUS.** A great extra early wrinkled pea. It is the pea that brings the big money to the careful gardener. For more particulars see Novelties.

**ALASKA.** A variety of remarkable earliness and hardness. It is a good yielder and produces pods of good size and dark green color, which are well filled with round, smooth peas of splendid flavor. Height two feet. The color of the dried pea is green. It ripens very evenly, so that one picking will nearly clean off the crop. We advise our market gardeners to give this variety a trial. Pkt. 5c., ¼ lb. 10c., lb. 15c., 10 lbs. \$1.25.

**FIRST AND BEST.** This is a reliable early cropper of the hardy, smooth-seed variety. Not quite as early as Rural New Yorker but a great improvement over its parent, the old Philadelphia Extra Early. Pkt. 5c., ¼ lb. 10c., lb. 15c., 2 lbs. 25c., 10 lbs. \$1.10.

**TOM THUMB.** This variety was introduced thirty years ago. Vine bushy, growing to a height of ten inches; foliage heavy; productive, matures in thirty-five days after sprouting. Pkt. 5c., ¼ lb. 10c., lb. 15c.

When ordering Peas, Beans and Corn by mail, be sure to add postage at rate of 8c. per pound.





**\*AMERICAN WONDER.** This pea is a hybrid of fixed habit, between the Champion of England and the Little Gem; it possesses the merits of both, with some additional claims to notice. The vine grows eight to ten inches high, and is very prolific in pods of striking form and size. In maturity it is among the first earliest, ripening in about fifty days from germination. It is among the first early of the green wrinkled sorts. Its habit is so dwarf that it can be very successfully grown under glass. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 25c., 2 lbs. 40c., 10 lbs. \$1.75.

**\*NOTT'S EXCELSIOR.** Robust and vigorous in growth, inclined to throw out laterals from the base of the stock, producing in profusion long, handsome pods, closely packed with large peas of fine flavor. An improvement on American Wonder, being more vigorous and prolific with large pods with more peas than either the Wonder or Premium Gem. A decided acquisition and sure to be very popular when generally known. The genuine stock of this pea is very limited and it will be some time before it can come into general use. Seed green, wrinkled, square at the ends like American Wonder. Height twelve inches. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 25c., 2 lbs. 40c., 10 lbs. \$1.75.



Premium Gem.

ing six to eight wrinkled peas. These peas are very large, being half an inch and over in diameter, and in quality unsurpassed. For a continuance of bearing this variety is unexcelled, if equaled a characteristic which gives it special value for late summer and autumn use. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., lb. 15c., 10 lbs. \$1.25.

**\*PRIDE OF THE MARKET.** This famous New England pea, introduced lately, has given great satisfaction. It grows from eighteen inches to two feet high and bears grand pods, well filled with large and well flavored peas from top to bottom of the haulm. Its robust constitution, enormous productiveness and superior appearance insures its acceptance as a market favorite with the public. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 25c., 2 lbs. 40c., 10 lbs. \$1.50.

**\*STRATAGEM.** Seeds green, wrinkled. Middle crop; one of the best peas ever sent out; grows a vigorous and showy vine, of branching habit; heavily laden with immense pods containing ten to twelve peas of large size; a marvelous cropper and incomparable eating pea; height one and a half feet. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 25c., 2 lbs. 40c., 10 lbs. \$1.50.

**\*TELEPHONE.** This new variety is one of the finest branching, tall, wrinkled marrows yet introduced. It is immensely productive, of the finest quality, and excellent sugar flavor; vine very strong, averaging eighteen to twenty pods per stalk; the pods are of large size and closely packed with six or seven large, delicious peas; height four feet. Every private garden should contain some of these magnificent peas, they are a sight worth seeing when in growth, and are luscious in quality on the table. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 25c., 2 lbs. 40c., 10 lbs. \$1.50.

**\*CHAMPION OF ENGLAND.** A variety possessing merit of high order. Superior to the common Marrowfat, which it resembles in strength of vine and general habit; wrinkled and very sugary; recommended.

**DWARF GRAY SUGAR.** Edible Pods. This is most desirable of all quires sticking; ripens for table use seventy days after germination. Pkt. 5c., lb. 15c., 2 lbs. 25c., 10 lbs. \$1.

**edible pod peas.** It is a new variety, growing only one foot high, and is remarkable for its prolific character. The seeds are large, shriveled and indented of a dark-brown color. The pods are flat and crooked, and contain five or six peas. A very desirable acquisition. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 25c., 2 lbs. 40c.

**WHITE MARROWFAT.** A strong productive variety, requiring much space; not recommended for garden purposes unless brushwood can be obtained; matures for table eighty days after germination. Plant on thin soil without manure. Pkt. 5c., lb. 15c., 10 lbs. 75c.

**BLACK EYE MARROWFAT.** Very similar to the White Marrowfat, except the black eye in the seed. Pkt. 5c., lb. 15c., 10 lbs. 75c.

## FIELD PEAS.

Field peas deserve more general cultivation. They are equal to corn in fattening hogs, and are ready to feed several weeks earlier. Can be sown to advantage with oats or will do well alone. As a land fertilizer they are very beneficial. For such the crop should be plowed under when they begin to bloom. They will grow on most any land. We have the Golden vine which is a white seed, and the Green Canada, which is a green seed. Price, lb. 10c., 10 lbs. 65c. For large quantities ask for market price.

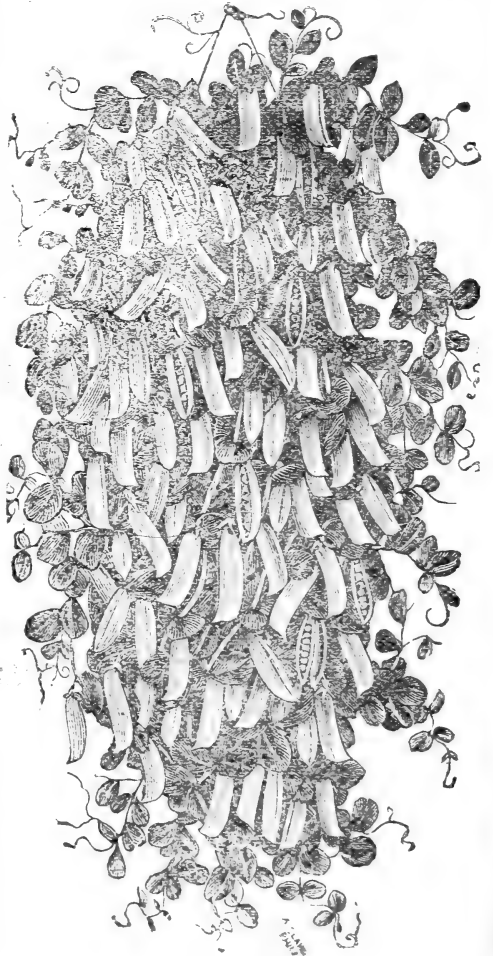
**SOUTHERN or COW PEAS.** There are several varieties. We have stock of the kinds most suited for our Western use—the Whippoorwill the Black Eye and the Clay Color. The Idaho Coffee Pea is also a good stock feeding variety. Prices fluctuate. Write us when you are ready to buy.

Those marked with a (\*) are wrinkled varieties.

**\*PREMIUM GEM.** An improvement on the Little Gem which we have discarded, larger and more productive. A second early in maturity; very luscious in flavor. Highly recommended. Try it. Pkt. 5c.,  $\frac{1}{2}$  lb. 15c., lb. 20c., 10 lbs. \$1.50.

**\*YORKSHIRE HERO.** This magnificent new variety is fast becoming very popular. As a main crop pea it has few if any equals. Long, round pods, closely filled with large, luscious wrinkled peas; of extra fine quality for table use, and very productive. Sometimes called Dwarf Champion of England. Pkt. 5c.,  $\frac{1}{2}$  lb. 10c., lb. 15c., 10 lbs. \$1.25.

**\*EVER BEARING.** The vines attain a height of from eighteen inches to five feet; foliage large. The pods will average three to four inches in length, each pod produc-



Everbearing.





One ounce will produce 800 to 1,000 plants.

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Ruby King,

**LONG RED CAYENNE.** Fruit brilliant coral red, conical, from two to three inches in length from three-fourths to one inch in diameter. Very pungent. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**RED CHILI.** This is slightly larger in growth than the Red Cayenne, with larger fruits, three inches in length and one inch in diameter. Bright red, very hot and fiery. Ripens early. Makes the famous Mexican Chili. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**CHILD'S CELESTIAL.** It is not only a most useful pepper, but one of the most beautiful plants in existence. The plant begins to set in peppers early in the season, and continues until frost, branching freely and bearing profusely. The peppers, up to the time they are full grown, are a delicate, creamy-yellow color, and when full grown change to an intense vivid scarlet, making a plant when loaded with fruit part of one color and part of another, an object of the most striking beauty and oddity. Pkt. 5c., oz. 25c., ¼ lb. 80c.

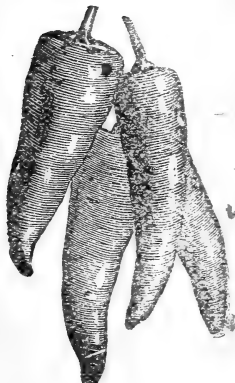
**LARGE SWEET SPANISH.** (Bell-shaped.) A very large sort, of square form, mild, thick and hard; suitable for filling with cabbage, etc., and for a mixed pickle; less pungent than most other sorts; notwithstanding its size, it is one of the earliest varieties. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**RUBY KING.** The fruits are six to seven inches long, by about four inches through, of a bright red color. They are remarkably mild and pleasant in flavor, and can be sliced and eaten with vinegar like tomatoes. The best for making mangoes. Pkt. 5c., oz. 25c., ¼ lb. 75c.

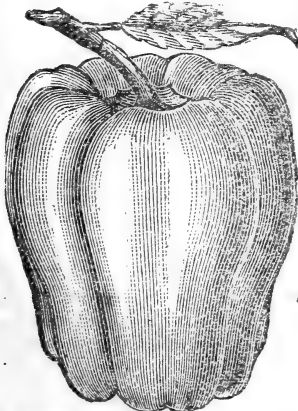
**MONSTROUS MAMMOTH.** Of cylindrical form, six inches long by two and a half inches in diameter. When ripe the fruit is of a beautiful coral red, sweet and thick flesh. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**PROCOPP'S GIANT.** This new variety may be justly called the Goliath of the pepper family. They grow uniformly of a very large size. They are of a brilliant scarlet color, flesh fully one-half inch in thickness. In flavor they are just hot enough to be pleasant to the taste. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**GOLDEN DAWN.** In shape it resembles the popular Bell or Bull Nose pepper. It is of a most beautiful golden yellow color, making a very handsome appearance, both in growth and upon the table. It is very sweet. Pkt. 5c., oz. 25c., ¼ lb. 75c.



Long Red Cayenne.



Large Sweet Spanish.



Procopp's Giant.

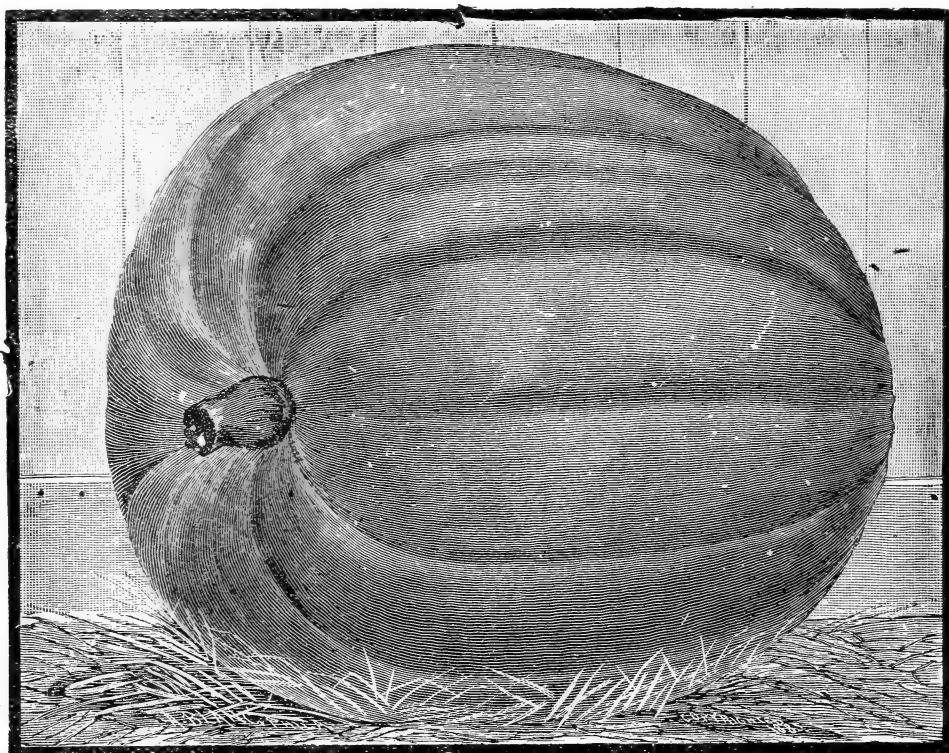
It is very sweet. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**JUST WHAT YOU WANT!**

**PRACTICAL SUGGESTIONS ON VEGETABLE CULTURE,**

For Market Gardeners and others. A book of 32 pages, by John M. Fitch. Price, by mail, 25c.

Or will give as a Premium with orders for GARDEN or FLOWER SEEDS amounting to \$2 and over. This is in addition to Premium of Packets, but can not be allowed on orders for Field Seeds and Implements.



Mammoth Tours.

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One ounce of seed will plant 20 hills, 4 pounds one acre.

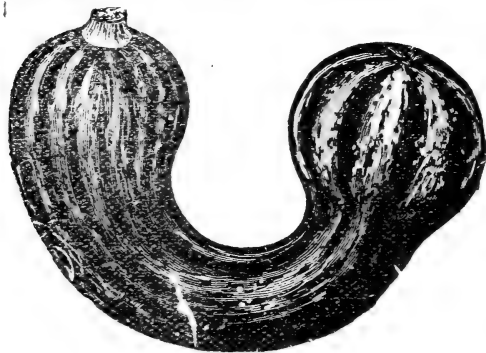
**SMALL SUGAR or PIE PUMPKIN.** A handsome, prolific variety; fruits of small size, averaging about ten inches in diameter, of excellent keeping qualities, flattened or slightly ribbed. Skin deep orange yellow, flesh fine grained and sweet. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**LARGE CHEESE.** A popular variety in the South. Fruit flattened, the diameter being two or three times more than the length; skin mottled light green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 75c.

**CASHAW or CROOKNECK.** A French variety liked by many. Has yellow flesh, solid and sweet. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**MAMMOTH TOURS.** A French variety, which grows to an immense size, often weighing over one hundred pounds. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**TENNESSEE SWEET POTATO.** A good variety for making pies and other cooking purposes. It is of medium size, of a white cream color, and has an excellent flavor. Good keeper. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.



Japanese Pie Pumpkin

**JAPANESE PIE** The flesh is very thick, nearly solid, the seed cavity being very small in one end of the pumpkin; usually fine grained, dry and sweet, having much the taste and appearance as sweet potatoes. They ripen early, keep well and produce largely. The seeds are peculiarly marked and sculptured in Japanese characters. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**KING OF MAMMOTH.** The flesh and skin are of a bright golden yellow color. Flesh fine grained, and of excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh over 200 lbs. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c.

**KENTUCKY FIELD.** A large round variety producing in great numbers. Has thick meat of a fine quality. Very suitable for canners use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 50c.

**COMMON FIELD.** The well known old Connecticut field variety. Grows well among corn. Varies in shape. Excellent dairy stock feed. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb., 15c., lb. 50c.

**LARGE PUMPKINS.** Try a few of either of these mammoth Pumpkins. Plant early in a protected place, thinning the plants to but two in a hill, and pinch off all blossoms to but three on a vine, then watch for a Big Pumpkin. If ground is rich and plants properly cared for you will raise prize-winners. Show your neighbors what you can do with "Western Seeds."

PLEASE THE LADIES IN YOUR FAMILY BY ORDERING LIBERALLY  
OF FLOWER SEEDS AND BULBS FLOWERS BRING CHEERFULNESS.

# POTATOES.

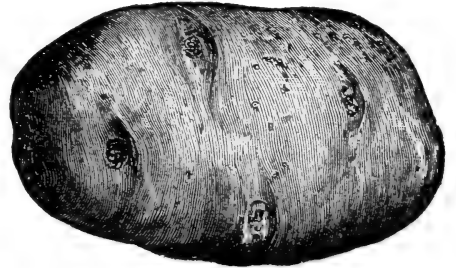
If wanted by mail add 10c. per pound to pay postage. We use extra packing for mail shipments.

When large lots are wanted write us for prices, stating varieties and quantity desired. When ordering please state whether or not we shall substitute other varieties, in case supply of certain varieties wanted is exhausted.

All our seed potatoes are grown by experienced men who make a specialty of potatoes for seed. You can depend upon our stock.

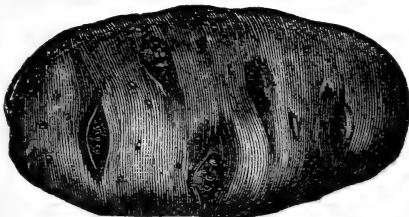
We expect to have instock from Wisconsin several other varieties of Seed Potatoes, in time for early spring trade. Ask for Particulars

**EARLY SIX WEEKS.** After growing this variety for several years, we find that it is the earliest potato in existence to-day, and the most valuable for market gardeners. A great beauty; a perfect table potato, and a wonderful yielder. Ready for market in six weeks; matures in seventy-two days, two weeks ahead of any other variety, and has yielded as high as 400 bushels per acre. Lb. 10., 10 lbs. 50c., 25 lbs. for \$1.



Early Six Weeks.

**EARLY OHIO.** Grown expressly for our trade. Extra early. One of the best, if not the best for the western states. It is fit for table use before fully ripe, and can be shipped earlier than any other variety. Lb. 10c., 10 lb. 40c., 25 lbs. for 80c.



Early Ohio.

**RURAL NEW YORKER No. 2.** Medium early, skin and flesh white, a remarkably handsome potato and enormously productive. 10 lbs. 35c., 25 lbs. 70.

**MAMMOTH PEARL WHITE.** Large, late variety. 10 lbs. 55c., 25 lbs. 70c.

**ROSE SEEDLING.** This is the potato that has become most famous about Greeley, Colorado. For late, it is our standard. 10 lbs. 35c., 25 lbs. 70c.

No potatoes shipped until the weather is favorable unless so requested by purchaser.

We have fertilizers especially suited to potato culture. Ask for particulars.

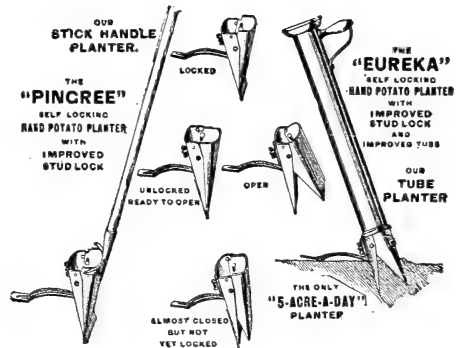
Humphrey's Concave Potato Knife; just the thing. 30c., 3 for 75c., postpaid.

## Potato Hand Planters.

Don't bother with the old style way of using a hoe when up-to-date hand planters can be bought at these prices.

**PRICES.**—Pingree Planter 65c. each, three for \$1.75.

Eureka Planters 90c. each, three for \$2.50.



## Sweet Potatoes.

To insure prompt filling of orders for Sweet Potatoes they must be engaged ahead. Standard weight of Sweet Potatoes 50 pounds per bushel, 125 pounds net per barrel.

Buyers will please note that owing to the tenderness of Sweet Potatoes we do not guarantee the safe arrival of Sweet Potato Seed, however we use all precaution possible in packing and time of shipping. If by mail we will pack in dry chips or chaff, thus please add to your remittance 15c. per pound to cover cost of postage on same.

**YELLOW NANSEMOND.** Standard variety for main crop. The best for short season localities. Lb. 10c., 3 lbs. for 25c., 10 lbs. 75c.

**YELLOW JERSEY.** Similar to the preceding only shorter and thicker in size. Lb. 10c., 3 lbs. for 25c., 10 lbs. for 75c.

**YELLOW VINELESS.** The vine grows in a bunch over the hill and thus can be grown and cultivated much easier than the old kinds. They average larger than either above varieties. Are enormously productive and are good keepers. We heartily recommend this variety even in the north where it is supposed that Sweet Potatoes do not grow. Lb. 15c., 3 lbs. for 35c., 10 lbs. \$1.

**THE BLOOMING.** A decided novelty of merit. The plant produces blossoms like a morning Glory, besides producing a first-class table sweet potato, dry and mealy. Supply is limited. Lb. 15c., 3 lbs. for 35c., 10 lbs. for \$1.

### SWEET POTATO PLANTS.

We think it far better to depend on us for plants than for you to undertake to ship in the seed. We can furnish the following: Ready May 15 until in July.

	Per 50	Per 100	Per 1000	Per 50	Per 100	Per 1000
Yellow Nansemond.....	25c.	40c.	\$3 00	30c.	50c.	\$4 00
Yellow Jersey.....	25c.	40c.	3 00	30c.	50c.	4 00
Yellow Vineless.....						
The Blooming.....						

If wanted by mail postage should be added, 15c. for 50, 25c. for 100. Will make special prices on large lots.

We positively will not accept orders for long distance shipping of Sweet Potato seed or plants, except at purchaser's risk

**SEED PEANUTS.** SAVED EXPRESSLY FOR SEED. FOR PRICES SEE MISCELLANEOUS FIELD SEEDS.



# RADISHES.

One ounce will sow one hundred feet of drill.

**NEW WHITE ICICLE.** A distinct long white variety. See novelty pages for description and prices.

**BARTEDES GLASS.** See novelty pages for special description.

**NON-PLUS-ULTRA.** By far the smallest topped and earliest forcing radish in cultivation. Roots small, round, deep rich red with very crisp, tender, white flesh. This is the very best variety for forcing, as it will mature in eighteen to twenty-one days, and the tops are so small that a large number can be grown in a single bed. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**EARLY ERFURT DARK ROUND RED, or DEEP SCARLET TURNIP.** Grown side by side with other stock, its characteristics were so marked that it was easily picked out from the others. Its shape is of the very best type of the round sorts; color of skin a very dark red, white flesh, with small tap-roots; one of the best for forcing. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**ROSY GEM.** It is one of the very earliest in cultivation. Their shape is perfectly globular, with rich, deep scarlet top, blending into pure white at the bottom, exceedingly tender, crisp and delicious, never becoming hollow or pithy; desirable for growing under glass, and should be planted by everybody. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**EARLY SCARLET GLOBE.** This variety makes roots fit to pull as early as Non-Plus-Ultra, but they are much larger when full size, and for this reason are very popular in some markets. Roots round or slightly olive shaped; color rich deep scarlet; flesh white and tender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**EARLY SCARLET TURNIP.** A small, round, red, turnip shaped radish, with a small top and of very quick growth. A very early variety, deserving of very general cultivation on account of its crisp and tender qualities. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 60c.

**EARLY SCARLET TURNIP. WHITE TIPPED.** A beautiful variety, deep scarlet with white tip. It is very ornamental for table use, and is becoming very popular as a market variety. It is of the same size and shape as the scarlet turnip variety. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**EARLY WHITE TURNIP.** Like the preceding in shape, but in color a pure white; flesh white and semi-transparent. It is a few days later than the preceding and will bear heat without becoming spongy. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**EARLY SCARLET OLIVE SHAPED.** A very early and handsome variety, of a lively rose color, oblong shape; top very small, very good. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**HALF LONG DEEP SCARLET.** The roots of this hardy and desirable variety are of a very brilliant, deep, rich red color and half long with a somewhat tapering point; the flesh is very white, crisp and tender, and holds its juiciness well, not becoming pithy till overgrown. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

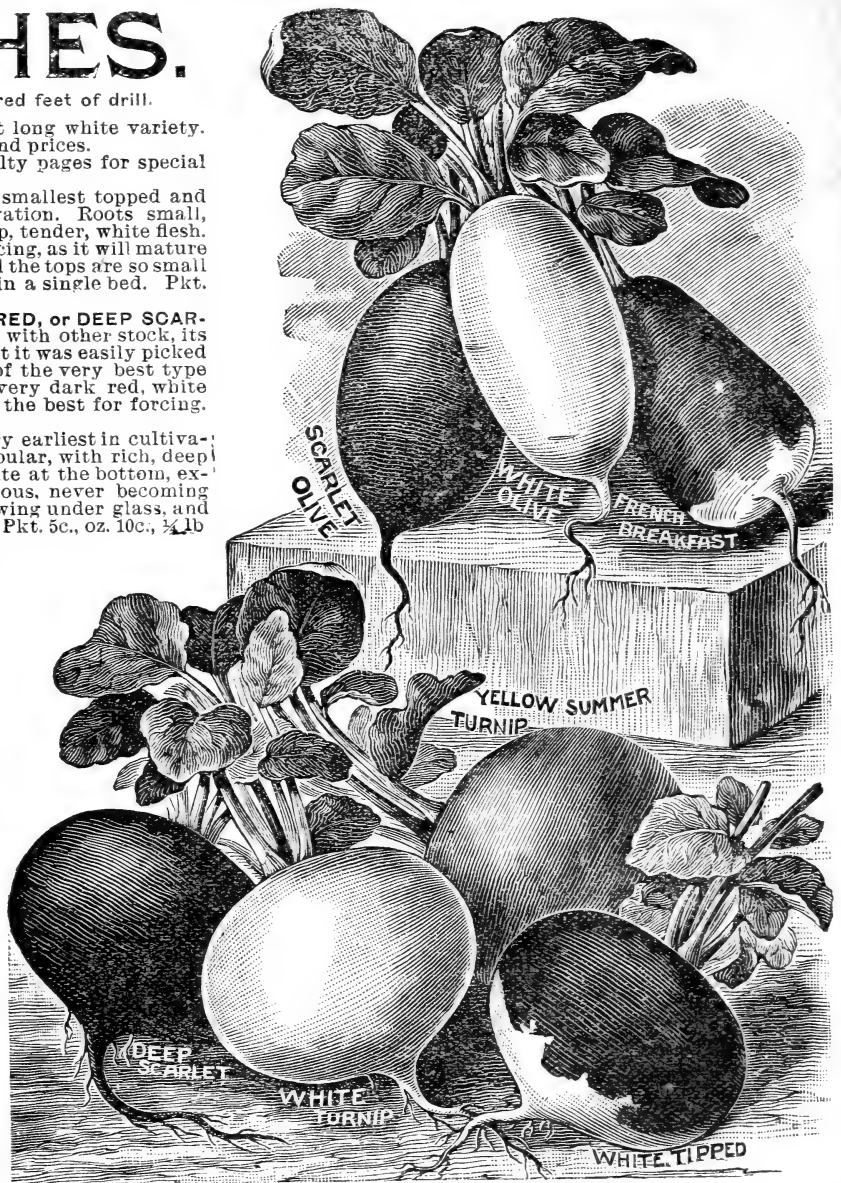
**FRENCH BREAKFAST.** A medium sized radish, olive-shaped, with small top, of quick growth, very crisp and tender; of a beautiful scarlet color, except near the root, which is pure white. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**WOODS EARLY FRAME.** A sub-variety of the Long Scarlet, not quite so long, and a little thicker; of brilliant scarlet color, mild, brittle, of fine flavor, and the most suitable for forcing and early market garden. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**LONG BRIGHTEST SCARLET.** A new variety having several valuable advantages which may be summed up as follows: Extraordinary earliness, the roots being fit for use about twenty-five days after sowing; remarkably bright color, quite unique, being the most fiery scarlet in any kind of radish. It is very slightly tipped with white, and the flesh is crisp and tender. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**LONG WHITE VIENNA, or LADY FINGER.** This is one of the finest long white radishes in cultivation. It is most beautiful in shape, both skin and flesh are pure snow white, crisp, brittle, and of rapid growth. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**CHARTIER'S.** Color, scarlet at top, shading to pink at center, and white at tip. It is very crisp, tender, and of mild flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.



White Vienna.

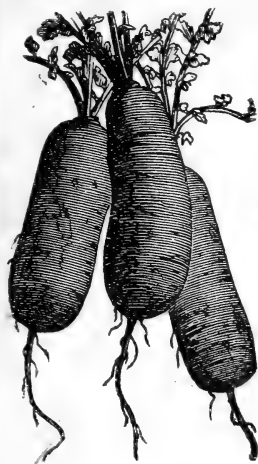


Chartier's.

Five Pound Lots of One Variety, at 15c less per pound, not prepaid.



# RADISHES.—CONTINUED.



Long Black Spanish.

**EARLY LONG SCARLET SHORT TOP, IMPROVED.** This is undoubtedly the best standard variety for private garden and market use. It grows six or seven inches long, half out of the ground. It is very brittle and crisp, and of quick growth; color bright scarlet, small top, tapers regularly to the root, and is uniformly straight and smooth. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**WHITE GIANT STUTTGART.** Very large and of quick growth. In five or eight weeks after being sown it will produce large roots and of most excellent quality. Notwithstanding its large size, the quality is always the very finest; firm, brittle and not pithy. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**WHITE STRASBURG.** The roots are of handsome oblong, tapering shape; both skin and flesh are pure white. The flesh is firm, brittle and tender, and possesses the most desirable character of retaining its crispness even when the roots are old and large. No variety is better for summer use, as it withstands severe heat and grows very quickly. Valuable alike for the family and market garden. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 80c.

**LONG BLACK SPANISH (Winter).** This variety is sown the last of summer for fall and winter use, grows to a large size, oblong shape, quite solid; if stored in pits, or packed away in sand, it will keep good until spring. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

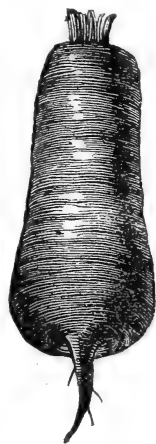
**CALIFORNIA WHITE MAMMOTH (Winter).** A giant white fleshed fall radish, largely used in the market of San Francisco. It grows from eight to twelve inches in length, and about two and a half inches in diameter, the flesh being solid, tender, and of very good flavor, which is maintained many weeks after gathering. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**ROUND BLACK SPANISH.** Of similar nature and quality of the Long, differing in shape. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

**CHINESE WHITE or "CELESTIAL" RADISH.** This is the large white radish cultivated extensively by the Chinese gardeners about San Francisco. It keeps well into winter and is usually crisp and not strong. Our seed is direct from California. Supply limited. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

**CHINA ROSE-COLORED (Winter).** This variety is becoming very popular with market gardeners; it is of a half-long shape, pink color flesh solid. It has not that strong flavor peculiar to the Black Spanish, and keeps equally well. It should be sown during August. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 20c., lb. 70c.

Five Pound Lots of One Variety, at 15c. less per pound, not prepaid.

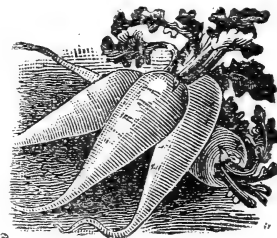


China Rose.

## Rhubarb,

—OR—

## Pie Plant.



White Strasburg.

**LINNAEUS.** Early, large and tender. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**VICTORIA.** Very large, later than Linnaeus. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c., lb. \$1.50.

**RHUBARB ROOTS.**—2 for 25c., 5 for 50c., 12 for \$1, prepaid.

If by freight, not prepaid, 50c. per dozen, \$3 per 100.

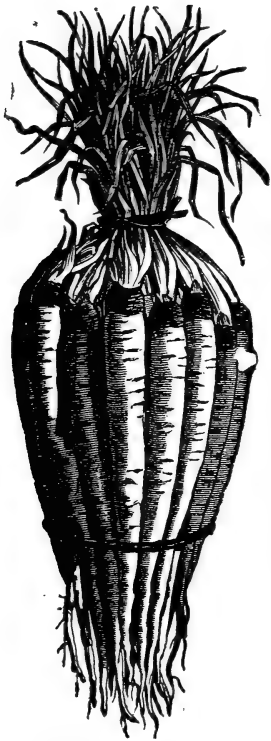


IF YOU ARE INTERESTED IN

## Flowering Bulbs

LOOK OVER OUR LIST IN BACK  
PART OF THIS CATALOGUE.

We Have a Very  
Complete Assortment  
at Prices within  
the Reach of all.



Mammoth Sandwich Island.

## SALSIFY OR OYSTER PLANT. One ounce for 60 feet of drill.

✓ **MAMMOTH SANDWICH ISLAND.** This new salsify recently introduced from the Sandwich Islands, grows fully double the size of the common variety, and is superior in quality. It is pure white in color, and is invaluable to market gardeners. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 45c.,

**SPINACH.** One ounce will sow 100 feet of drill. Ten to twelve pounds for one acre.

✓ **ROUND SUMMER.** This variety is generally preferred for early spring sowing, and is the most popular with market gardeners. Leaves large, thick and fleshy. Not quite so hardy as the prickly, but stands winter well. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35.

✓ **LONG STANDING.** An improved strain of excellent merit, having all the good qualities of the ordinary sorts; what renders it especially desirable is the fact that it is much later in going to seed than any other variety. This valuable quality will be appreciated. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

✓ **AMERICAN CURLED, SAVOY LEAVED.** A most valuable variety. In appearance the leaf is wrinkled in the same way peculiar to the Savoy cabbage, from whence the name. It produces nearly twice the bulk of crop as the ordinary sort, is fully as hardy, and in all other respects equal. The best and most productive sort for market gardeners. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

✓ **NEW VICTORIA.** The foliage is heavy, the broad, dark leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special value, both for market and family gardens, is that it is in prime condition from two to three weeks after all other varieties of spinach have run to seed. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

✓ **LARGE ROUND THICK LEAF VIROFLAY.** A new variety, with very large, thick leaves, making it especially desirable where bulk is desired. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35c.

✓ **PRICKLY WINTER.** The hardiest variety, and will withstand the severest weather, with only a slight protection of leaves or straw. The seed is prickly; leaves triangular, oblong, or arrow-shaped. It is employed for fall sowing, which in this latitude is made about the first of September. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 35.

✓ **NEW ZEALAND.** This is different from the ordinary type of spinach, being of a branching habit, producing large thick leaves, which can be gathered and used as greens throughout the summer. Especially desired in very hot weather when ordinary spinach is not good. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

✓ 5 lbs. or more of one variety, not prepaid, at 15c. less per pound. ✓



Hubbard.

## SQUASH.

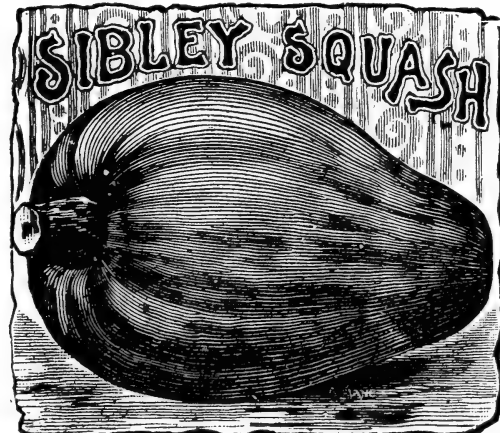
One ounce will plant 20 to 40 hills, according to size of seed. Four to 6 pounds will plant one acre.

✓ **EARLY WHITE BUSH.** This is the well known White Pattypan squash. The earliest to mature; very productive; light cream colored. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

✓ **MAMMOTH WHITE BUSH.** The fruit is a beautiful clear waxy-white instead of the yellowish white so often seen in the old stock, and is much larger. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. 90c.

✓ **GOLDEN SUMMER CROOKNECK.** A small, crooknecked, summer squash; skin bright yellow, covered with warty excrescences. Very early, productive, and of excellent flavor. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 25c., lb. 80c.

✓ **MAMMOTH SUMMER CROOKNECK.** It is the best summer squash, and for these reasons: It is twice as large as the ordinary Summer Crookneck, far more warty and several days earlier. This combination of earliness, large size and wartiness, which adds so much to its attractiveness, makes it altogether the most desirable squash for the market private garden. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. 90c.



✓ **HUBBARD.** The best table squash yet known, good specimens being about equal to the sweet potato. It has a hard shell, and with some care will keep three months later than the Marrows; flesh fine grained, dry, and of excellent flavor. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

✓ **WARTY HUBBARD.** This is one of the best in quality of all the winter sorts. Is attractive on the market, and a ready seller. Very dark green, and flesh is dry and sweet. Very hard shell, which insures long keeping qualities. High prices can be gotten in early spring market. It is considered an improvement on the old type of Hubbard, on account of its warted skin. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

✓ **GOLDEN HUBBARD.** This is a very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature and of a rich orange red color, instead of the dark olive green of the old Hubbard, while the flesh is a little deeper colored and fully as good quality. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

✓ **BOSTON MARROW.** Oval in form; color of skin bright orange, flesh yellow; very desirable for late autumn and winter use. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

✓ **MARBLEHEAD.** It is unquestionably an excellent keeper, and is finer grained and dryer than any sort we have seen. About the size of the Hubbard, with shell of bluish-green, and bright orange flesh. Requires the whole season to mature. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

✓ **PROLIFIC MARROW.** This new Marrow squash appears to be a valuable acquisition; for while it is remarkably productive, no variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow. Its color is most attractive—a brilliant orange-red; quality excellent; a good keeper. Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 30c., lb. \$1.

✓ **SIBLEY'S.** One of the best shippers, owing to the hardness of the shell. Flesh is solid and thick, a bright orange color and of choice quality. Flavor rich and sweet, and it ripens evenly. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

## SQUASH.--Continued.

**MAMMOTH CHILI.** Although not new, we desire to call the especial attention of all who want "mammoth squashes" to this variety. Size enormous, often weighing 200 to 300 pounds; very profitable for stock feeding, especially where root crops are grown extensively; remarkably productive. Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.

**VEGETABLE MARROW.** A favorite English sort; early, skin greenish-white, flesh white, soft and of rich flavor, quite distinct from other sorts. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

**ESSEX HYBRID.** An improved American Turban, having the color, shape and superior qualities of the Turban, with the dry and hard shell of the Hubbard. It is not only one of the richest flavored, finest grained, and sweetest of all the squash family, but one of the very best keepers. Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.25.

5 pounds or more of one variety, not prepaid, at 15c. less per pound.

## TOBACCO.

**HAVANA.** Pure Cuban grown seed. When grown in this country, commands a high price as cigar stock. Pkt. 5c., oz. 30c., ¼ lb. \$1.

**MISSOURI BROAD LEAF.** A well known standard sort, valuable for cigar wrappers. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**CONNECTICUT SEED LEAF.** Best adapted to the climate of the Middle and Northern States, as it is more hardy, and endures the cold better than the tender varieties grown South. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**WHITE BURLEY.** A variety largely grown for the manufacture of Fine Cut and Plug. Pkt. 5c., oz. 50c., ¼ lb. \$1.50.

# TOMATOES.

(One ounce will produce about thirteen hundred plants.)

## Kansas Standard Tomato.

The "Kansas Standard" belongs to the potato-leaved section of tomatoes; is of a rapid, vigorous growth, with strong, heavy stalks which stand up well unless, which is often the case, it is pulled down by over abundant fruit. It begins blooming when only six or seven inches high, attains a height of from two and one-half to three feet and sets its fruit—a rare habit in any tomato—from the first blooms. The fruit is of a bright glossy red color, and is produced in clusters of four to five tomatoes. In shape the fruit is round, slightly flattened, ripening clear to the stem, perfectly smooth, has very few seeds, meat firm and thick, has most excellent flavor, is of good size, rarely affected by rot or cracking, has a tough skin—a necessary quality for shipping, and which offers successful resistance to insects so destructive to other varieties, and is a first rate keeper. Specimens having been taken from vines and kept three weeks without showing the least signs of decay. The entire cluster ripens evenly at once, and not here and there a few as in other sorts, a point of special merit that market gardeners will appreciate.

Train to stakes and keep all side shoots removed till the fourth cluster is formed. Pkt. 10c., ¼ oz. 20c., oz. 35c.

**NEW MATCHLESS TOMATO.** Well worthy of its beautiful color and fine form. The vines are of strong, vigorous growth, well set with fruit. The fruits are free from core, of a very rich cardinal red color, and are not liable to crack from wet weather, are of very large size, and the size of the fruit is maintained throughout the season until killed by frost. The skin is remarkably tough and solid, and ripe specimens picked from the vines will keep in good condition for several weeks. It is of fine quality, solid and a long keeper. Pkt. 5c., oz. 25c., ¼ lb. 75c., lb. \$2.50.

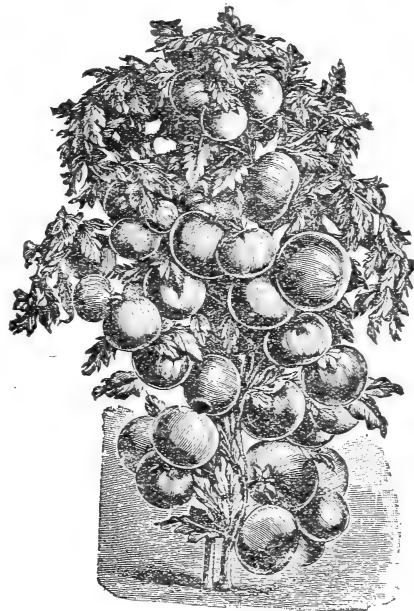
**VACME.** A tomato of superior quality: size medium; shape slightly oval; color maroon or reddish with slight tinge of purple; flesh deep scarlet and unusually solid. A characteristic of this tomato is its entire freedom from all irregularities, every specimen being as smooth as an apple. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.25.

**ATLANTIC PRIZE.** This is the largest, smoothest, best flavored and brightest colored extra early tomato. Vine medium size, with few leaves, very hardy, bearing the fruit low down on the stem and in enormous clusters, which ripen all together. Those whose trade demands that they have a large, smooth, good flavored, very early fruit will find this variety to be just what they want. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.25.

**DWARF CHAMPION.** Its close upright growth enables it to be planted much nearer together than any of the older sorts, and the yield, therefore, is likely to be much greater; in productiveness it is unsurpassed. It is also very early. The fruit resembles the Acme, and is of a purplish-pink color, and always smooth and symmetrical in form. It is medium size and attractive in appearance; the skin is tough, and the flesh solid and of fine quality. Pkt. 5c., oz. 35c., ¼ lb. \$1.00, lb \$3.00.

**TROPHY.** An improved sort for either private use or market garden. By judicious, careful selection, the green corona or crown has nearly disappeared. It is large, smooth, solid, fine in color, prolific. Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$2.25.

**PERFECTION.** It is shaped like the Acme, somewhat larger, the same flavor, fully as early, perfectly smooth, blood red in color, with more flesh and fewer seeds. A heavy cropper, and produces more and larger fruit at the close of the season. Pkt. 5c., oz. 20c., ¼ lb. 60c. lb. \$2.25.



Kansas Standard.

Our prices for seeds by pound include postage except where noted.

## TOMATOES.--Continued.

**FAVORITE.** It is the largest perfect shaped tomato in cultivation. It has no green core, is as smooth as an apple, never cracks after ripening. It is a brilliant dark glossy-red color, ripening all over and through evenly. It has not so much early ripe fruit as some varieties, but it bears continuously till frost. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

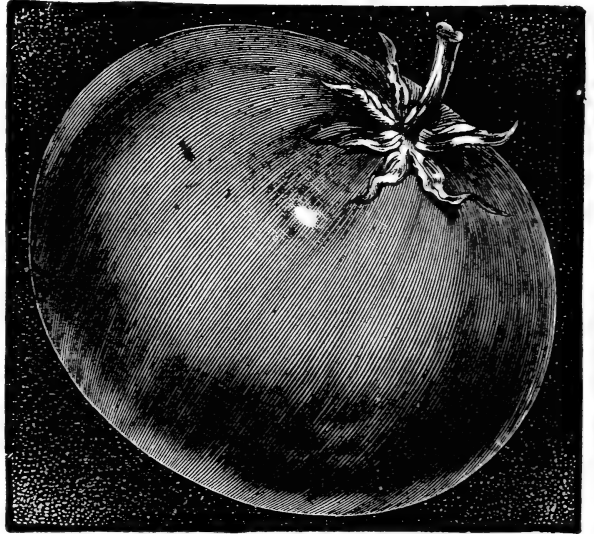
**BEAUTY.** The color is a very glossy crimson, with a slight tinge of purple. It grows in clusters of four or five large fruits, retaining its large size very late in the season. It is very productive and will yield more pounds of fruit to the acre than any other kind. It ripens very early and evenly, and is perfect in shape, Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**STONE.** It ripens for main crops; is very large and of bright scarlet color; very smooth with occasionally a specimen very slightly octagonal shape; ripening evenly to the stem without a crack; exceedingly solid and firm fleshed (as its name indicates); is an excellent shipper; quality the very best; fine for canning; a good keeper not subject to rot. Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

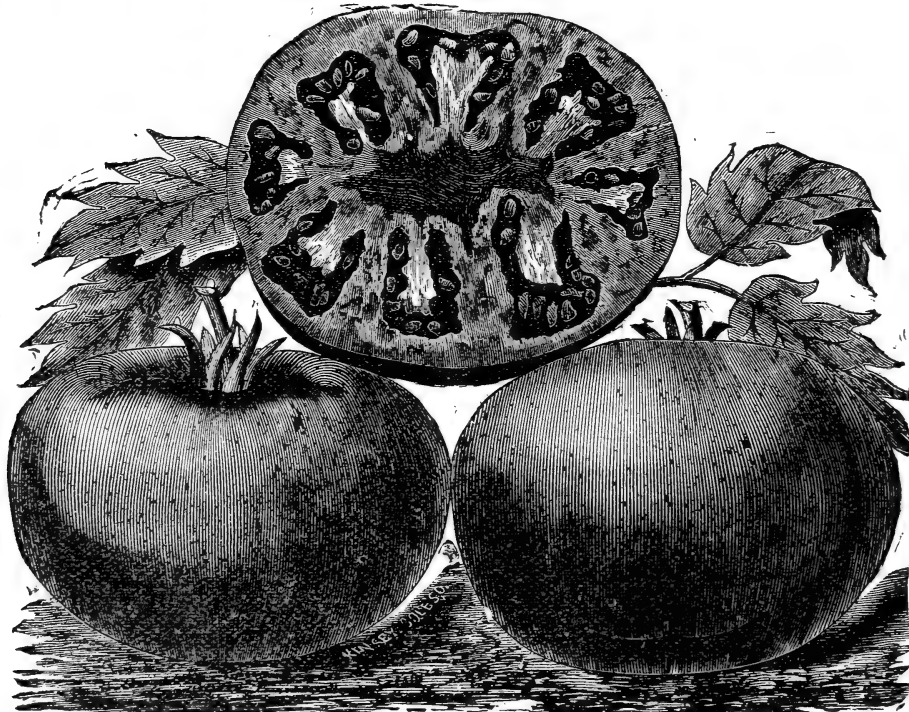
**ROYAL RED.** It is a first-class main crop variety for the shipper, market and private gardener, and not a single essential point is lacking; is of a vivid red color and very productive. Pkt. 5c. oz. 20c.  $\frac{1}{4}$  lb. 60c., lb. \$2.25

**HONOR BRIGHT.** A new and very distinct variety. The foliage is a yellowish-green, and the first fruit as it ripens turns first white, then yellow, and when fully ripe is a bright red. The fruit ripens slowly, and seems to ripen up exceptionally well after picking, so that fruit can be picked when white, packed and shipped and after five to ten days will be found solid and ripened to a rich bright red. Well worthy of trial. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**GOLDEN QUEEN.** The superior flavor of the yellow varieties is bringing them into favor as table fruit, and those who think of a yellow tomato as the rough fruit of the old yellow sorts will be surprised at this smooth, beautiful fruit, it being as much as the best of the red varieties, and of a fine distinct flavor. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

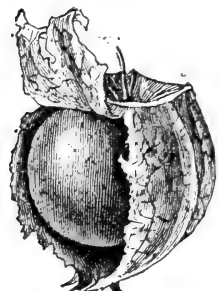


Favorite.



Livingston's Beauty.

- ✓ **YELLOW PLUM.** Color bright yellow; excellent for preserving. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
  - ✓ **RED PLUM.** Same as above except color. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
  - ✓ **RED PEAR-SHAPED.** A small early variety; fine for preserving. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
  - ✓ **YELLOW PEAR.** Same as above except color. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
  - ✓ **RED CHERRY.** A small early variety, size and shape of a cherry; for pickling. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
  - ✓ **YELLOW CHERRY.** Same as above, except color. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.
- Husk Tomato or Ground Cherry.** This is liked by many for preserves and eating from the hand. The seed we offer is that of the true Yellow Ground Cherry, not the purple sort which is scarcely edible. Pkt. 5c., oz. 25c.



Husk Tomato.

Our Tomato Seed is Grown by men who make a specialty of producing high grade, select Seed. Our stock is equal to any, and far superior to much of the low priced seed offered by unscrupulous dealers.

**We furnish Choice Tomato Plants in May and June.**

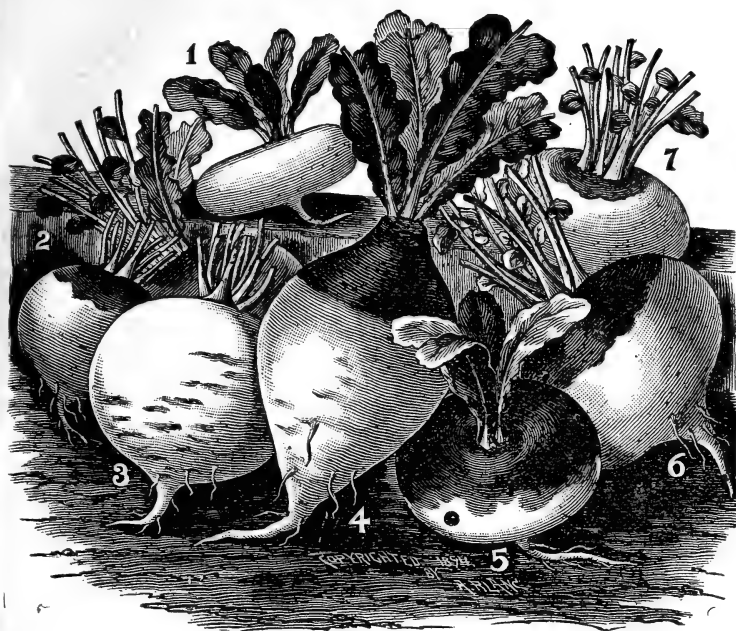
See List in Back Part of this Catalogue.



# TURNIPS

One ounce will sow 100 to 150 feet of drill, 1 to 1½ pounds will sow an acre.

Five pounds of any variety, not prepaid, at 15c. less per pound.



- 1. Extra Early White Milan.
- 2. Yellow Aberdeen.
- 3. Pomeranian White Globe.
- 4. Yellow Purple-Top Rutabaga.
- 5. Purple Top (Strap-Leaved).
- 6. Large Red Top Globe.

**EXTRA EARLY PURPLE TOP MILAN.** The earliest in cultivation. The bulb is very flat, of medium size, quite smooth, with a bright purple top; leaves few, short and light of color, growing very compact and making an exceedingly small and neat top. The pure white flesh is of the choicest quality, hard, solid, and fine grained. It is an excellent keeper. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 75c.

**EXTRA EARLY WHITE MILAN.** Very similar to the preceding except the skin is a pure white, thus making it especially desirable for forcing. Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.

**EARLY SNOWBALL.** Is medium sized, pure white and early, of excellent quality. In our market it is much admired. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 65c.

**PURPLE TOP (Strap Leaved).** The standard of this part of the country. Superior for early or late planting. Round, flat, good sized, small top with but few leaves; flesh very fine grained; flavor good. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50.

**EARLY WHITE FLAT DUTCH (Strap-Leaved).** This is a popular early turnip for table use. For autumn and early winter use, this and the Purple-top are highly popular, but as they become over-ripe with age, and in keeping loose somewhat of their succulence they need to be succeeded by the Pomeranian Globe or the

Golden Ball. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

**LARGE EARLY RED TOP GLOBE.** A variety of recent introduction, of large size of rapid growth, usually attractive, and approved and admired by all who have seen it. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50.

**EARLY WHITE EGG.** A quick growing, egg-shaped, perfectly smooth, pure white variety growing half out of the ground with small top and rough leaves. Its smooth, white skin and quick growth make it particularly adapted for market purposes. The flesh is very sweet, firm and mild, never having the rank, strong taste of some varieties. Pkt. 5c., oz. 10c., ¼ lb. 25c., lb. 65c.

**POMERANIAN WHITE GLOBE (Strap-Leaved).** This is a free growing, rough-leaved sort, useful for both table and stock. Turnip cultivators need not hesitate to sow it for stock, market or family use; it is not quite so rapid in growth as the flat varieties; may be expected to come in as a succession in autumn and is admirable for table use in early winter. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50.

**GOLDEN BALL.** Undoubtedly among the most delicate and sweetest yellow fleshed turnips yet introduced. Not of large size, but firm, hard and of most excellent flavor. Keeps well, and is superior in its table qualities. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

**COW HORN.** It is without question a delicate and good flavored sort, and grows in favor both in the market and family garden; a distinct feature is its rapid growth. This variety is pure white, except a dash of green at the crown, and in shape is long like a carrot, and generally crooked, hence its name. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 60c.

## RUTABAGAS OR SWEDES.

*For feeding stock in fall and winter there is nothing superior to Turnips and Ruta Bagas, as they are much liked by all kinds of stock and serve to keep them in good condition. We cannot too earnestly recommend farmers to increase their sowings largely, for we are sure the crop will prove remunerative.*

**PURPLE-TOP YELLOW RUTABAGA.** The best variety of Swedish turnip in cultivation. Hardy and productive, flesh yellow, of solid texture, sweet, and well flavored; shape slightly oblong; terminates abruptly with no side or bottom roots; color deep purple above, and bright yellow under the ground; leaves small, light green, with little or no neck; the most perfect in form, the richest in flavor, and the best in every respect. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.

**SWEET GERMAN.** Flesh White, hard and firm, partaking much of the nature of a rutabaga. Must be sown much earlier than the flat turnip. In the autumn and early winter it is apt to be hard, but mellows like an apple by keeping. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50.

**YELLOW ABERDEEN OR SCOTCH YELLOW.** This is a highly approved cattle turnip, attaining a large size. It is solid, nutritious, a good keeper, and is in every respect reliable. It is celebrated for cattle feeding. Pkt. 5c., oz. 10c., ¼ lb. 20c., lb. 50c.



White Egg.

## COLORADO GROWN YELLOW DANVERS ONION SEED.

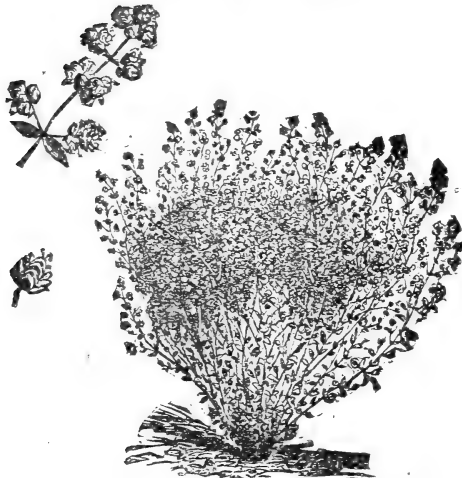
We are headquarters for this stock and Western onion growers should not consider for a moment the idea of sending East for onion seed. Our Yellows are grown in Larimer county by old experienced onion men. We are selling them at the very low price of **\$1.25 per Pound, Postpaid.**

If you have never sown our Colorado grown onion seed, do so this season.

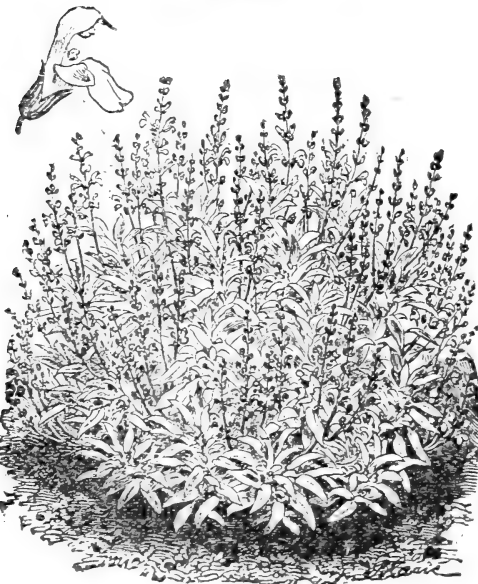
# Aromatic, Medicinal and Pot Herbs.



Savory.



Sweet Majoram.



Sage.

**ANISE.** This herb is an annual, and is cultivated for its seeds and its leaves, which are occasionally used as a garnish and for seasoning. The seeds have a fragrant, agreeable scent, and a sweetish, pleasant taste. Pkt. 5c., oz. 10c.

**BALM.** A hardy perennial, and has an aromatic taste, and a grateful fragrant smell, a little like lemons. It is used in making balm tea, a grateful drink in fevers, and for forming a pleasant beverage called Balm Wine. Pkt. 5c., oz. 25c.

**BORAGE.** In Germany the leaves are cut and used for cucumber salad; the flowers make a beautiful garnish. Pkt. 5c., oz. 15c.

**CARAWAY.** Its roots are sometimes used for cooking, and it is said to equal the parsnip. The seeds are used medicinally. Biennial. Pkt. 5c., oz. 10c. Seed for flavoring, oz. 5c., ¼ lb. 15c.

**CORIANDER.** Its tender leaves are sometimes used for soups and salads. Its seeds have a pleasant, aromatic taste, and are carminative and stomachic. Annual. Pkt. 5c., oz. 10c.

**CHERVIL.** A native of south Europe. It is used for soups and salads. An annual. Pkt. 5c., oz. 15c.

**CATNIP or CATMINT.** A great favorite medicinal herb. Pkt. 5c., oz. 30c.

**DILL.** Is a native of southern Europe. It is cultivated for its seeds which are used medicinally in cases of flatulence and colic in infants. Leaves are often used for culinary purposes. Annual. Pkt. 5c., oz. 10c.

**DANDELION.** The Dandelion resembles Endive, and is sometimes cultivated for spring greens, or for blanching or salad. The roots, when dried and roasted, are often employed as a substitute for coffee. Pkt. 5c., oz. 25c.

**DANDELION, Large Leaved.** Double the size of the common. Pkt. 5c., oz. 50c.

**HYSSOP.** A hardy perennial with an aromatic flower, and warm, pungent taste. It is a stimulant and expectorant, and is used in asthma and chronic catarrh. Pkt. 5c., oz. 20c.

**HOREHOUND.** A native of Europe. It has a strong, aromatic smell and is used as a tonic. It is also used in cases of pulmonary complaints. Perennial. Pkt. 5c., oz. 20c.

**LAVENDER.** It is cultivated for its fragrant flowers, which are used for distilling Lavender Water. Leaves and flowers are aromatic. Gather the flowers before they begin to fade. Perennial. Pkt. 5c., oz. 15c.

**ROSEMARY.** A native of the south of Europe. It is used in many diseases quite successfully, among which are chlorosis and nervous headache. The tops only are used as a medicine. Pkt. 5c., oz. 40c.

**RUE.** It is used in nervous complaints, but must be used with caution, as it is a very powerful tonic. It must not be allowed to run to seed. A perennial. Pkt. 5c., oz. 15c.

**SAVORY.** A native of Italy. Leaves much used for culinary purposes. They have a very agreeable flavor. If powdered finely and sealed tightly in glass bottles, will retain their flavor a long time. Annual. Pkt. 5c., oz. 10c.

**SAGE.** The leaves are used for seasoning, stuffing, etc. Tea made from the leaves is an excellent sudorific. Perennial. Pkt. 5c., oz. 15c., ¼ lb. 45c., lb. \$1.50.

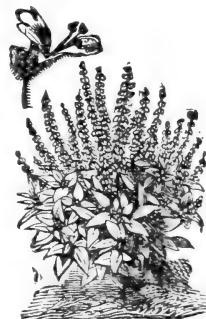
**SAFFRON.** Pick the flowers, and dry, for their medicinal qualities. An annual. Pkt. 5c., oz. 20c.

**SORREL, Broad Leaved.** It is used in soups and salads, and is sometimes cooked like Spinach. Perennial. Pkt. 5c., oz. 20c.

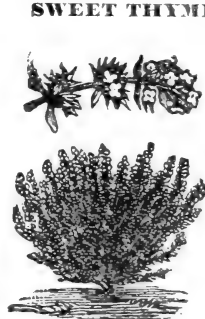
**SWEET FENNEL.** The stalks are sometimes blanched and eaten like celery. The seeds are used carminatively; also medicinally. Perennial. Pkt. 5c., oz. 10c.

**SWEET MARJORAM.** A native of Portugal. An aromatic of very sweet flavor; the leaves are used in soups, broths, etc. Biennial. Pkt. 5c., oz. 15c.

**WORMWOOD.** Used for medicinal purposes. It is also beneficial to poultry, and should be placed in poultry grounds. Pkt. 5c., oz. 20c.



Sweet Thyme.



Sweet Basil.

**SWEET THYME.** It is a native of Greece. It is both a medicinal and a culinary herb. Thyme tea is a cure for nervous headache. Height six or eight inches. Perennial. Pkt. 5c., oz. 30c.

**SWEET BASIL.** The leaves and the tops of the shoots are the parts gathered, and are used for highly seasoned dishes, as well as in soups, stews and in sauces; a leaf or two is sometimes introduced into salads. Pkt. 5c., oz. 15c.



# Descriptive List

....OF....

# Flower Seeds

Annuals  
Biennials and  
Perennials

The term "Annual" is given to those plants which grow, flower, seed and die within the same year.

"Biennials" are those plants that do not generally flower until the second season, and after blooming, die.

"Perennials" are those that do not generally flower until the second year, but continue to bloom for years and may be propagated by a division of the roots.

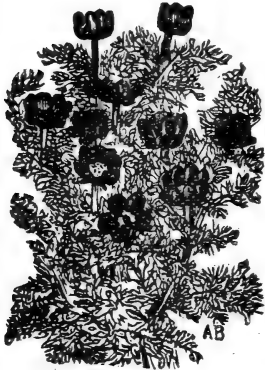
To have a beautiful flower garden, one must take pleasure in working and caring for the plants when young. It has ceased to be a necessity to keep such large stocks of bedding and other tender plants under glass through the winter, thereby saving the expense of glass, fuel, labor, etc. We are enabled to send out the highest results of carefully selected seed, in neat paper packets, from which the amateur will derive his plants by means so simple as to be within the reach of every one.

Nothing is more beautiful than the old time and natural flowers. Do not cast aside the single Petunias, Hollyhocks, Fox-gloves, Forget-Me-Nots, and the old-time Phlox and Sweet William, for nothing is handsomer than the old fashioned flowers. Were we to assist nature more, rather than try to create monstrosities, our gardens would look by far more beautiful and natural.

The general rules for sowing Flower seeds as well as any other seeds, is to sow them at the proper depth; and the depth at which they are sown should in every instance be governed by the size of the seed itself. As the sprouts of small seeds are naturally small, if sown as deep as large seeds they will be either unusually long in starting, or more likely perish in the ground after sprouting, for want of sufficient strength in the young sprouts to force a passage through the soil. Very small seeds, such as Portulaca, Campanula, Digitalis, etc., should be merely sprinkled on the surface of the ground after making it quite smooth with the back of a spade, and barely covered with finely sifted, light mellow soil, and afterward protected from the scorching sun and heavy rains by a cloth, mat, or some green branches stuck around it.

Another object to be considered, is the soil into which the Flower Seeds are to be sown. The soil best adapted for flowering plants generally, is a light friable loam, containing a sufficient amount of sand to render it porous. A great many varieties will live in almost any kind of soil, except it be extremely dry, calcareous, or of a stiff heavy character; still to give them a fair chance for development, some little pains should be taken in adding to the soil as much as possible, what may be wanting in it. Deep digging and enriching with thoroughly decayed manure is the least that should be done. If the weather after sowing should be dry, it will be necessary to water the places where the seeds are sown with a fine rose watering pot, regularly but slightly every evening, as it is essential that the seeds, during their process of germination, should be kept constantly moist. From a neglect or oversight of this arise most of the failures. As the process of germination is shorter or longer in the different kinds of seeds, patience of the cultivator is often sorely tried with seeds of a slowly germinating character. The patience of a devoted florist, however, never exhausts in these manipulations, and the certainty of his final success repays him fully for the little trouble.

**DIRECTIONS FOR PLANTING AND CULTURE PRINTED  
ON EACH PACKAGE OF FLOWER SEEDS.**



Adonis.



Ageratum.



Abutilon.

ALL FLOWER SEEDS SENT PREPAID ON RECEIPT OF PRICE.

You may select Seeds in Packets Amounting to **\$1.25 FOR EVERY \$1 SENT US** for Flower Seeds Ordered in Packets and Ounces.

THIS OFFER DOES NOT APPLY WHEN OTHER PREMIUMS ARE TAKEN.



**ADONIS.** Plants with fine and graceful foliage, and brilliant scarlet flowers, remaining a long time in bloom. Grows well in the shade, or under trees, Height 1 foot. Hardy annual.  
Adonis aestivalis, packet 5c.



Sweet Alyssum.

**AGERATUM.** Flowers light blue or lavender, very desirable for bouquets, furnishing a continuous bloom through the summer. Plants flower well in the house in winter, when potted in the fall before frost. Height 12 inches. Hardy annual.  
Ageratum Mexicanum, packet 5c.

**ALONSOA.** An attractive bedding plant, with remarkably brilliant scarlet flowers, in bloom from July till frost. Removed to the house they bloom well during winter. Height 18 inches. Half hardy annual.  
Alonsoa myrtifolia, packet 5c.

**ALYSSUM, SWEET.** A favorite flower for bouquets; white, very fragrant, and producing a succession of bloom through the summer and until after severe frosts. Always wanted when a bouquet is to be made. Height 1 foot. Hardy annual.  
Alyssum maritimum, packet 5c., oz. 25c.  
Alyssum Dwarf, or Little Gem, packet 5c., oz. 35c.

**ABRONIA.** A handsome trailing plant, with clusters of sweet-scented flowers resembling Verbenas in shape, but of smaller size; color, rosy lilac, with white eye. Fine for baskets and vases, as well as the garden. Remove the husk from the seed before sowing, then its growth is much surer. Height 6 inches. Half hardy annual.  
Abronia umbellata, packet 5c.

**ABUTILON, or FLOWERING MAPLE.** Desirable plants for the conservatory in winter and effective border plants during summer, producing a profusion of lovely bell-shaped flowers. Half hardy shrubs. Height 2 to 6 feet. Perennial.  
Abutilon, finest mixed, packet 15c.

**ACROCLINIUM (Everlastin®).** The Acroclinium is one of the most beautiful of everlasting flowers. It is of strong growth, and bears a great number of pink and white Daisy-like flowers, with yellow center. Should be gathered the first day they open, before fully open, to secure a beautiful center when dried. Height 18 inches. Half hardy annual.

Acroclinium, mixed colors, packet 5c.  
Acroclinium, white, packet 5c.

**ADLUMIA, or ALLEGHENY VINE.** A most beautiful climber thriving in a sheltered situation, and climbing by its tendrils to any object within its reach. It is sometimes known as Mountain Fringe, Wood Fringe and Allegheny Vine. The beautiful pink and white flowers are produced in abundance during the three summer months. It is biennial, and makes but little growth the first season. Height 15 feet.  
Adlumia, white and pink, packet 10c.

**AQUILEGIA (Columbine).** The old single varieties of Columbine have been known and admired for centuries, under the name of Honeysuckles. The new double sorts are very beautiful, and embrace a great variety of colors and forms. Height from 1 to 2 feet. Hardy perennial.  
Aquilegia, mixed colors, packet 10c.

**AQUILEGIA.** True Rocky Mountain. Colorado's emblematic flower. Needs to be seen to be appreciated. The flower petals lay open more flat than the common Columbine. Color is a light blue, in very high altitudes, nearly white. We are headquarters for this seed and furnish the true Aquilegia Coerulea. Packet 10c.

For Plants, see list of Flowering Plants in back part of this Catalogue.



Aquilegias (Mixed).



# ASTERS.

**ASTER PLANTS**—In May and June we can supply choice seedling plants from named colors.

**—ASK FOR PRICES.—**

No family of plants bear such distinct marks of progress as the Aster, and none are more eagerly sought. An almost endless variety, always reliable.

For best results sow seed early indoors, then transplant to open ground. Our seed is German grown and can be depended upon for fine blooms.

**Comet or Branching.** A handsome and very distinct variety, resembling Japanese Ohrysanthemums. Half dwarf.

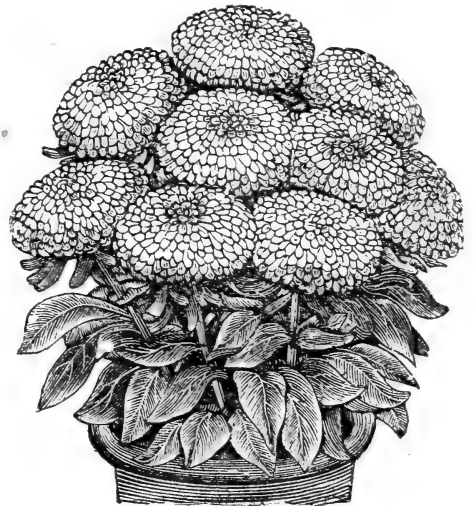
**White Giant,** the finest white grown, packet 10c.  
**Mixed,** including many colors, packet 10c, ¼ oz. 60c.

**Daybreak.** A beautiful delicate pink of branching habit. Packet 10c.

**German Quilled.** This is the popular Japanese Needle. Grows eighteen to twenty inches high, with thirty to forty flowers on long stems. Our mixture includes white, rose, carmine, blue, etc. Packet 10c., oz. 50c.

**Good Mixed.** Of tall varieties, many kinds, packet 5c., ¼ oz. 40

**Mignon.** Similar to the Victoria, though the flowers are smaller and the plant more dwarf.  
**Mixed,** packet 10c.



Truffaut's Pæony Flowered.

**Truffaut's Pæony Flowered.** An old standard. The colors are bright and delicate and deserve a place in every garden. Medium tall.

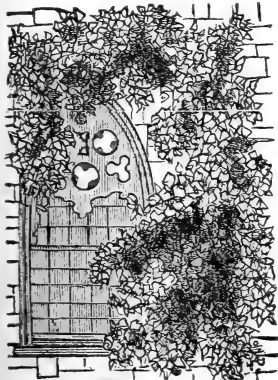
**White,** pure, packet 10c.  
**Blue,** azure, packet 10c.  
**Purple,** indigo, packet 10c.  
**Lavender,** packet 10c.  
**All colors, mixed,** packet 10c, ¼ oz. 50c.

**Victoria.** Of the tall varieties, none excel the Victoria. The flowers are large and double, of globular shape, ranging in all colors possible.  
**Mixed,** packet 10c., ¼ oz. 50c.

Larger quantities of any of the above Asters priced on application.

**AMMOBIUM (Everlasting).** A small white immortelle, or everlasting, very useful for cutting when fresh, and drying admirably for winter bouquets; producing a succession of bloom from July till frost. Height 18 to 24 inches. Hardy annual.

*Ammobium alatum*, packet 5c.



Ampelopsis.

## AMPELOPSIS.

One of the best climbing plants for permanent situations, as it is perfectly hardy, clinging to the sides of whatever it may be grown against by the rootlets it throws out all along the stems. In the autumn the dark green foliage assumes beautiful tints of orange, crimson, etc. Height 50 to 100 feet. Hardy perennial.

*Ampelopsis quinquefolia* (American Woodbine), pkt. 10c.

*Ampelopsis veitchii* (Japan or Boston Ivy), packet 10c.

## ASPERULA.

A flower finely adapted for bouquets, by reason of its shape, size and delicate color—a light blue or lavender. For buttonhole bouquets nothing will be oftener in request than this, contrasting finely with scarlet, and remaining fresh a long time. In bloom from July until after severe frosts. Height 9 inches. Hardy annual.

*Asperula azurea setosa*, packet 5c.

## BRACHYCOMB (Swanriver Daisy).

A delicate dwarf growing plant, suitable for growing in masses, edgings and rustic baskets. The flowers are of various shades of blue and white, with dark and white centers, cineraria-like in form, rather bell shaped. After blooming the petals of the flowers roll up closely.

*Brachycomb*, mixed colors, packet 5c.

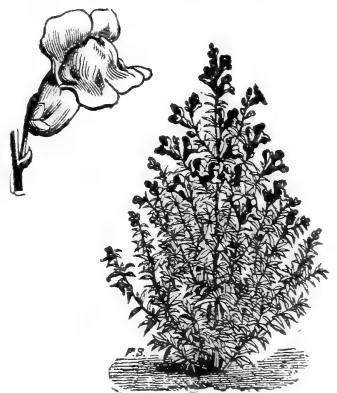
## ANTIRRHINUM (Snapdragon).

One of the most desirable flowers in the catalogue for its variety of color and succession of bloom, lasting from July until severe frost. The plants should be covered with fine boughs or other light material, in November, and they usually survive, and bloom finely the second year. Height 1 foot. Perennial.

*Antirrhinum dwarf*, mixed colors, packet 5c.

*Antirrhinum tall*, mixed colors, packet 5c.

*Antirrhinum Queen of the North*, white, pkt 5c.



Antirrhinum.



Amaranthus.

**AMARANTHUS.** Valuable for its varieties of handsome foliage, whether grown in the conservatory or garden. The colors will be more brilliant if planted in moderately rich soil. Height 2 to 3 feet. Hardy annual.

*Amaranthus tri-color* (Joseph's Coat), packet 5c.

*Amaranthus caudatus* (Love Lies Bleeding), packet 5c.

*Amaranthus cruentus* (Princess Feather), packet 5c.

## ARMERIA (Sea Pink).

These handsome plants are well adapted for ornamenting rock work and edging walks. Hardy perennial. Height 6 inches.

*Armeria maritima*, rosy pink, packet 5c.

# BALSAM.



The Balsam has been so much improved by cultivation as to be scarcely recognized. The blossoms are double, though semi-double and single ones are very certain to appear, and such plants should be removed. Require a rich, deep soil, good culture and plenty of space, to grow to perfection. Height 2 feet. Tender annual.

Double, mixed, packet 5c., oz. 85c.  
 Double, camelia, mixed, packet 10c., oz. 60c.  
 Double, white Alba Perfecta, packet 10c., oz. \$1.

## BACHELOR'S BUTTON.

A showy annual, of easy culture, flowering freely with a great variety of color, in common garden soil. Height 2 feet.

## BEGONIA (Tuberous Rooted).

The newer forms of Begonias are among the most brilliantly beautiful of flowering plants. They can be grown from seed which should be sown in February or March in pots on a surface of fine soil. Cover the pot with glass and keep in a warm but shaded place, taking great care not to wash out the small seeds or young plants in watering. The plants will give an abundance of bloom the first year, and at the end of the season they may be dried off by withholding water, the tubers kept in a dry place, free from frost, and planted the following spring, when they will bloom more freely than ever.

Single, mixed, packet 25c.  
 Double, mixed, packet 25c.  
 Bulbs, see Bulb List.



Bachelors Button.

**BOX WOOD.** A fine small evergreen, with pale green leaves. Can be trained in desired form by shearing, largely used for bordering flower beds. Hardy perennial. *Buxus sempervirens* (Evergreen), packet 5c.

**CENTAUREA (Dusty Miller.)** Magnificent foliage plants of silver white and gray foliage, indispensable for borders and edges. Half hardy perennial. Height 1 foot.

*Centaurea Candidissima*, mixed, pkt 5c.  
*Centaurea Gymnocaspia*, packet 5c.

## CENTAUREA

(*Maguerite*.) A sweet scented *Centaurea*, about as large as a medium sized *Carnation*. It is a sport from *Centaurea Odorata*, and the plants are about 18 inches high. The flowers are beautifully lacinated and produced on long stems; their lasting quality after being cut is remarkable. The beauty of this easily cultivated annual is certain to excite admiration.



Centaurea.

Mixed Colors, packet 10c.  
 White, packet 10c.  
 Imperialis, mixed, packet 10c.

**CALCEOLARIA.** A favorite and universally admired genus, remarkable for their large beautifully spotted blossoms produced in almost countless variations of marking. They are grown in pots in the conservatory, greenhouse and garden. Herbaceous and also shrubby evergreen perennials.

*Hybrida Grandiflora*, flowers of immense size; seed saved from finest specimens, packet 25c.

**CYCLAMEN.** Well known and universally admired tuberous rooted plants producing exceedingly handsome, red and white flowers. Tender perennial, one foot high.

*Persicum*, mixed, of great beauty and many colors, packet 15c.

*Giganteum*, mixed, characterized by beautiful foliage and profuse bloom; each flower is from two to two and a half inches long. Very choice, packet 20c.

If you wish to be sure of receiving our Price List of Fall Bulbs, send us your name now on a postal card.



Cobaea.

**COBAEA.** A splendid climbing plant, with large, purple, bell-shaped flowers, and elegant tendrills, when well established grows very rapidly, with numerous branches. Height 15 to 20 feet. Tender perennial.

*Cobaea Scandens*, packet 10c.

**COREOPSIS LANCEOLATA.** Flowers large, single, golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting from better than any other plant; at the same time it is always graceful. It can be grown freely from seed, and does well when treated as an annual. Packet 10c.

**CLEOME, or Spider Plant.** Better known in the west as "Rocky Mountain Bee Plant." It is the emblem flower of the Colorado State Bee Keepers' Association. Has a very attractive flower in shades of pink and crimson on tall branching plants. A splendid honey plant. Packet 5c., oz. 20c.



Canary-Bird Flower.

**CANARY - BIRD FLOWER.**

One of the best climbing plants, with graceful foliage of a delicate shade of green, with small yellow flowers, which, when half expanded, have a fanciful resemblance in shape of canary birds. Height 8 feet. Half hardy annual.

*Tropaeolum Canariense*, packet 10c.

**CAMPANULA (Bell Flower)**

Campanulas embrace a great

many beautiful and popular perennials, like the Canterbury Bell, and also a number of annuals of great value for forming masses, as they are neat in habit, hardy and free bloomers. Height 1 foot. Hardy annual.

*Campanula*, mixed packet, 5c.



Campanula.

**CATCHFLY (Silene).**

A showy, free flowering plant, with bright, dense heads of flowers, growing well in common garden soil. Adapted for border, circular beds, and ribbons. Height 18 inches. Hardy annual

*Silene armeria* packet 5c.



Candytuft.

**CANDYTUFT.**

All the colors of Candytuft are desirable for bouquets, especially the white, for its form and fragrance and profusion of bloom. Height 1 foot. Hardy annual.

Mixed Colors, packet 5c., oz. 15c.

White Rocket, packet 5c., oz. 20c.

Dwarf, Tom Thumb, packet 5c., oz. 20c.

**CASTOR BEANS (Ricinus.)**

plant of tropical appearance, that should have a place in every garden affording the requisite space. The stalks of the plant of this variety are of a brownish red; the leaves are very large, palmate, and strikingly elegant. Height 6 to 10 feet. Tender annual.

*Ricinus Sanguineus*, large red, packet 5c., oz. 15c.

*Ricinus Zanzibariensis*, New Zanzibar, a giant, a large leaved variety, packet 5c., oz. 20c.



Castor Bean.

**CALENDULA**

cated, resembling in size and form the finest Aster. Each petal of pale straw color is regularly marked with a stripe of bright deep orange. Blooms profusely with a succession of flowers from July till frost. It comes true from seed, and is one of the best annuals for a garden display that has been introduced for many years. Height 18 inches.

*Calendula Officinalis*, packet 5c.

This splendid variety has large double flowers, beautifully imbricated.



Calendula.

**CALLA.**

An old and very desirable plant, either as an aquatic or for ornamentation of the drawing room and conservatory. Thrives in any light rich soil when plentifully watered. Height 1 to 2 feet. Half hardy perennial.

*Calla Aethiopica*, pkt 10.

For Bulbs, see Bulb List in back part of this catalogue.



Calla.

**CACALIA (Tassel Flower).**

A pretty annual, with flowers of bright scarlet and orange, borne in clusters on slender stalks, about a foot in length. They keep in bloom from early summer until autumn, furnishing flowers for cutting every day. Height 1 foot.

*Cacalia Coccinea*, pkt. 5c.



Cacalia.

**CANNA.**

Stately plants, with foliage of elegant growth, presenting a luxuriant and tropical appearance, are much employed in ornamental planting; when planted in clumps of four or five contrasting colors are very effective. Height 3 feet. Tender annual.

*Canna*, mixed colors, packet 5c.

*Canna*, Madame Crozy varieties, packet 5c.

For Bulbs, see Bulb List in back part of this catalogue.



Canna.

**Mixed Climbers.**

In this we have included all the popular quick-growing climbing annuals, such as

- NASTURTIUMS,
  - SWEET PEAS,
  - JAPANESE HOPS,
  - CYPRESS VINES, ETC.
- Just the thing for covering old fences, arbors, etc. Pkt 10c., 1/4 oz. 25c.

# CARNATIONS.



**CARNATION.** This beautiful and well known flower produces a finer bloom when grown from seed than when grown from cuttings taken from old plants. This seed will produce a fine variety of colors, with flowers of good size and substance. Height 18 inches. Half hardy perennial.

German, mixed colors, pkt 10c.  
Marguerite, blooms in four months from time of planting, packet 10c.

## CARNATION PLANTS.

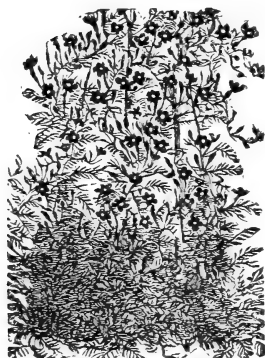
Seedlings and named Varieties Furnished. Ask for Price List of Flowering Plants. Ready in April. : : : : : :

WE FURNISH THE FAMOUS  
**Wilmore Dahlia Bulbs.**  
See Price List in back part catalogue

**CLARKIA.** The Clarkia is held in great estimation in Europe, and especially in England, where it is as common as the Candytuft. The flowers are very pretty and of many colors, double and single. As the plant is apt to suffer in our hot, dry summers, it is better to sow the seed in September, and the plants will be large enough by spring to make a good bloom. Hardy annual. Height 1 1/4 feet.  
Clarkia Pulchella, packet 5c.



Clarkia.



Cypress Vine.

**CYPRESS VINE.** One of the most beautiful climbers; fine delicate cut foliage, dotted with small, scarlet star-shaped flowers. For covering pillars, trellis work, etc., is not surpassed for grace and beauty. Height 8 feet. Tender annual.

Ipomoea Quamoclit, mixed colors, packet 5c.

## A Collection of 150 Varieties of Flower Seeds,

Making blooms from early spring until late fall, easy growing, put up in liberal packages, called

### Wild Flower Garden Mixture.

You will be surprised and pleased with this collection. Per large packet 10c., 1/4 oz. 15c., 1/2 oz. 25c.



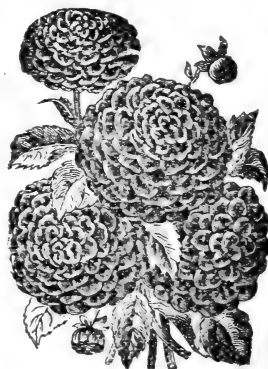
Cinerarias.

**CINERARIA HYBRIDA.** Very attractive and much admired Green-house plant. A Green-house perennial. Height 1 to 2 feet.  
Cineraria hybrida grandiflora, packet 20c.

**DAHLIA.** This exceedingly beautiful genus comprises an almost endless number of varieties, all more or less showy in the flower garden in the autumn, when most other flowers have faded. They are all of easy cultivation, growing freely in most any soil, from seed sown in the spring. Height 4 to 5 feet. Half hardy perennial.

Dahlia, finest double mixed, packet 10c.

Dahlia, finest single mixed, packet 10c.



Dahlia.

For Dahlia Bulbs see back part this Catalogue.





Clematis.

**CLEMATIS.** Well known and universally admired climbers, some of the varieties being remarkable for the beauty and fragrance of their blossoms. Nice for covering arbors, verandas, etc., as they cling readily to almost any object. Most of the kinds are hardy, herbaceous perennials, but some little protection in northern latitudes, through winter is advised. Will do well in any garden soil. Height 15 feet.

Clematis, a fine mixture of varieties, packet 10c.

**CALIFORNIA POPPY (Eschscholtzia).**

A flower attractive in foliage, bud and blossom. One of the most brilliant flowers grown. Plants procumbent, forming dense, bushy masses with a succession of flowers from July until after severe frosts. When grown with Dwarf Convolvulus, contrasts finely with the dark blue. Height 1 foot. Half hardy perennial.

Eschscholtzia Californica, packet 5c.



California Poppy.

**COXCOMB.** Highly ornamental plants, producing crested heads of flowers, somewhat resembling a cock's comb. There are many colors and shapes, but the scarlet and crimson ones are the most brilliant and rich.

The oftener they are transplanted or shifted, the more beautiful they grow. Height 1 to 3 feet.

Mixed colors, pkt 10c.  
Feathered, pkt 10c.



Coxcomb.

**CALLIOPSIS.**

A very showy border plant, producing flowers in nearly every shade of yellow, orange, crimson, red and brown. If the seed pods are removed as fast as they appear, the plant will remain in bloom much longer. Height 2 feet. Hardy annual.

Mixed Colors, pkt 5c.



Calliopsis.

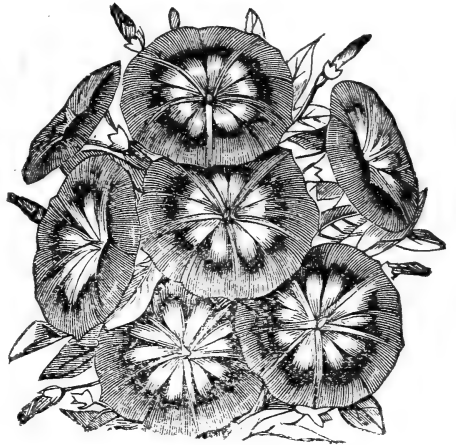
**COSMOS.** Are unquestionably very handsome flowers, and it is astonishing how quickly they have become general favorites. Only a few years ago they were practically unknown. There is but one objection to their giving general satisfaction, and that is their late flowering habit. The plants require a very long time to develop, and that brings their flowering season late in the fall. This objection will not be found in our "early flowering" strain. Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower late in the fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unexcelled.

White, packet 5c.  
Pink, packet 5c.  
Mixed, packet 5c.



Cosmos.

**CONVOLVULUS MINOR.** Dwarf Morning Glory. A trailing procumbent plant with flowers of rich shades of blue in some specimens rivaling the Pansy in richness of color.



Convolvulus Minor.

finely shaded with yellow and white. In bloom from July till after severe frosts. Height 10 inches. Half hardy annual.

Packet 5c.

**COLEUS.**

Probably there is no other kind of foliage plant so well known and universally admired as the Coleus. It is one of the most beautiful of our variegated perennial foliage plants for the green-house or garden decoration, ribbon-beds, etc., of rapid growth and easy culture. Tender perennial. Height 1 to 2 feet.

New hybrids, mixed, packet 20c.



Hybrid Coleus.

# CHRYSANTHEMUMS.



Annual, single.

**Perennial.** For late autumn blooming in the house, after the frost has destroyed all the bright colors in the garden, there is no flower to take the place of this. Colors golden yellow, white, tinted with yellow and brown, etc. Finely shaped, double flowers produced in profusion, nearly covering the plants. Height 18 inches.

Double, mixed colors, packet 10c.



Perennial.

**Perennial Chrysanthemum | Plants**  
Furnished in all Colors on application.

Write for Prices.

**Early Annual.** The glorious and showy autumn-blooming Chrysanthemums, which are now so much admired and cultivated, have their relatives among summer annuals which are easily raised from seed. The plants can be raised by sowing the seed early in the house or frame and planting them out when the weather is favorable, or the seeds can be sown in an open seed-bed, or where the plants are to stand, provided the plants are thinned out to eight or twelve inches apart. A little shade, or shade in the after part of the day, is desirable for them—a border on the east or northeast side of the house would be desirable. Pinch them back until July 15 to make them grow branching and full.

Mixed, packet 5c.



Chrysanthemum Maximum.

## Chrysanthemum Maximum (Large or Oxeyed Daisy).

A free-blooming, hardy perennial, two feet high, literally covered with pure white flowers, which are well adapted for cutting, lasting over a week in water. Pkt 10c.

## DELPHINIUM, or Perennial Larkspur.

A very attractive hardy plant for corners of yard, also center of flower beds. We furnish seed of assorted colors. Packet 10c.

**DAISY.** Charming little plants for edging and borders. The flowers are quilled and flat-petaled, white, pink, red and variegated. Not all will come double from the seed, and the single ones should be pulled out. Height 6 inches. Tender perennial.

Bellis-perennis, double mixed, packet 10c.

Bellis-perennis, Longfellow, pink. Packet 10c.

Bellis-perennis, Snowball, white. Packet 10c.

**FOXGLOVE.** Showy and useful plant for the border; flowers borne in tall spikes, bell or thimble shaped, of all colors; new plants may be obtained by dividing the roots. Height 2 feet. Hardy biennial. Digitalis, mixed colors, packet 5c.



Double Daisy.

## FOUR O'CLOCK (Marvel of Peru).

A handsome plant, making an attractive display of its many colored flowers from the middle of July till frost. The blossoms are marbled and spotted in the most diversified manner, the same plant producing different colors; some branches will grow flowers of a single color only, while others will have striped or parti-colored. The leading colors are red, white and yellow, with stripes and variegations of all three. Height 2 feet. Hardy annual.

Mirabilis, mixed, packet 5c., oz. 15c.

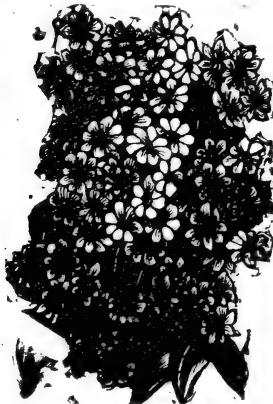
**FORGET-ME-NOT.** This beautiful little flower is too well known to require description or recommendation. The delicate, blue flowers appear all summer. Height 6 inches. Hardy perennial.

Myosotis Alpestris, packet 10c.

**FEVERFEW.** A free-flowering, half hardy, perennial plant, growing 18 inches in height. Seed sown early in spring in the open ground will produce flowers by fall. The plant throws up numerous stems, terminating in clusters of very double, pure white flowers three-quarters of an inch in diameter. These are desirable for cut flowers. Plants bloom freely when grown in pots in a cool room. Packet 10c.

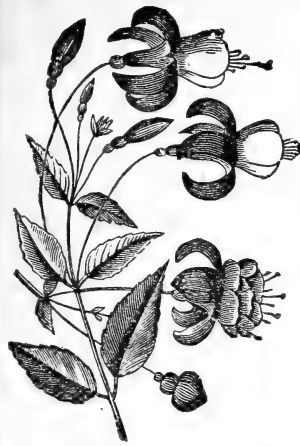


Four O'clock.



Forget-Me-Not.

• Everlasting • Flowers • Mixed • This consists of all the popular Everlastings. Packet, 10 cents.



Fuchsia.

**FUCHSIA.** The varieties of Fuchsias are now numbered by hundreds, and some are exceedingly beautiful. They are easily grown from seed as cuttings, and from seed many improved varieties are obtained. Height 1 to 3 feet.

Double and Single mixed, packet 25c.

**GAILLARDIA.** A showy annual, with brownish-red flowers, bordered with yellow and white, blooming strongly through the season, and until after heavy frosts. Height 18 inches. Mixed colors, packet, 5c.



Gaillardia.

**GERANIUM.** Probably the geranium is better known and more universally admired than any other plant grown. The constant succession and durability of bloom till frost comes, the brilliancy of the scarlet and other colors, and the exquisite markings of the leaves of some varieties, render them very desirable for pot culture or bedding. No garden seems complete without a bed of them, and in every collection of conservatory or parlor plants we are sure to find the geranium. Propagation by seed is the only way to obtain new varieties. Height 1 to 2 feet. Half hardy perennial.

Single and Double Zonale, mixed, packet 15c.

**GYPSOPHILA (Angel's Breath).** Small, fragrant flowers, borne on long feathery stems. No flower adds more of light and grace to a bouquet than this, and when once grown will be found indispensable. In bloom through the summer from the first of July till frost. Although not belonging to the immortal class, the flowers dry finely and are very desirable for winter bouquets. Height 1 foot.

Gypsophila Elegans, Delicate pink, packet 5c.

Gypsophila Paniculata (Baby's Breath), pure white perennial, everlasting, packet 5c.

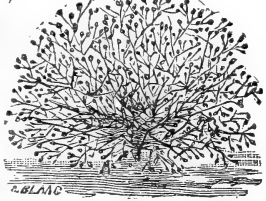
**GLOXINIA.** Greenhouse perennial plants, producing rich and beautifully colored flowers. They deserve extensive cultivation.

Hybrida, mixed, packet 25c.

Perhaps your plants in pots need some special fertilizer.

**Try WALKER'S PLANT FOOD.**

See Fertilizers in back of this Catalogue.



Gypsophila.

**GOURDS.** A great variety of curiously formed and marked fruit; the vines are of rapid growth and with luxuriant foliage; adapted for covering screens, arbors, etc. Height 10 to 20 feet. Tender annual.

All kinds, mixed, ornamental, pkt. 5c., 1/4 oz. 15c., oz. 25c.

Dish Cloth, or Luffa, a rapid climber having long, green fruit, the inside of which is a fibrous mass, which, when the shell and seeds are removed, makes an elegant substitute for a bath sponge, pkt 5c., oz. 30c.

Japanese Nest Egg, white; like an egg; does not crack and is not injured by heat or cold, packet 5c., oz. 25c.

Dipper or Siphon, useful for dippers, packet 5c., oz. 25c.

Sugar Trough, have thick, tough shells; very durable, pkt. 5c., oz. 20.

Hercule's Club, the longest gourd grown, packet 5c., oz. 25c.

**GILIA.** Color azure blue, and light blue shaded with yellow and white. Their size, shape, and delicate color make them useful for bouquets. In bloom from the first of July till after severe frosts have destroyed most of the other annuals. Height 18 inches. Hardy annual.

Mixed colors, packet 5c.



Gourds.

**GODETIA.** A beautiful new variety; the plant of neat, dwarf, compact habit with a profusion of rich carmine flowers, produced in a succession of bloom from August till frost. Height 1 foot. Hardy annual.

Lady Albemarle, packet 5c.

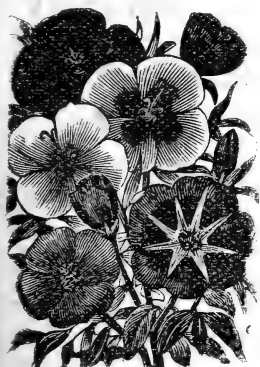
**GLOBE AMARANTH.** An excellent everlasting or immortelle; flowers globe-shape, purple, orange, and variegated. Retain their shape and color when dried; are also good for cutting as fresh flowers. Height 10 inches. Tender annual.

Gomphrena, mixed, packet 5c.

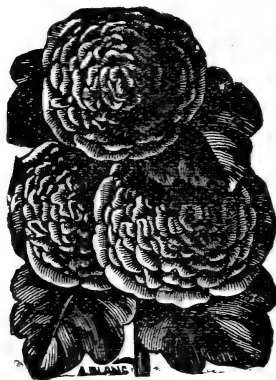
**HYACINTH BEAN.** Splendid climber, with abundant clustered spikes of purple and white flowers, which are followed by exceedingly ornamental seed-pods. It is of rapid growth and often runs twenty feet in a season. Height 10 to 20 feet. Tender annual, packet 5c.

**PREMIUM PACKETS WITH FLOWER SEED ORDERS.**

Remember that we give 25c. worth of Flower Seeds in packets with every Dollar's worth of Flower Seeds ordered in packets. Please DO NOT ask us to give Bulbs, Plants, etc., as premiums instead of packets.



Godetia.



Hollyhock.

**HOLLYHOCK.** A great variety of brilliant colors, combining richness and delicacy in a remarkable degree; flowers large and densely double, remaining a long time in bloom. Is one of the best and most ornamental of the perennials. Height 5 feet.

Hollyhock, prize double mixed, packet 10c.  
Separate colors, double, white, pink, yellow, maroon, packet 10c.

**HELIOTROPE.** A well-known popular green-house plant, fine for bedding, vases or baskets and exquisite for pot culture in winter. Flowers purple, borne in trusses, and exceedingly fragrant. Height 1 foot. Half hardy perennial.

Heliotropium, mixed colors, packet 10c.

**HIBISCUS.** A showy hardy annual, cream color with rich brown color. Height 2 feet.

Hibiscus Africanus, packet 5c.

**HELICHRYSUM.** One of the best of the immortelles; good shape, size and a variety of desirable colors—yellow, sulphur, cream, white, pink, rose, red and crimson. Retain their natural shape very perfectly when dried. In bloom from July till destroyed by frosts. Height 18 inches. Hardy annual.

Mixed, packet 5c.

**IVY.** For a climbing plant in the garden to do duty as a screen for an old well or building, or to adorn either when new, it is a well known and favorite plant. For indoor winter decoration Ivy is unequalled, as it can be trained in any desired form, and will bear any amount of hardship and bad usage. Height 30 to 60 feet. Perennial.

Hedera Helix, packet 10c.



Heliotrope.



Hibiscus.

Get your neighbors to combine their orders with yours. Get More Premium Packets.



Helichrysum.

**ICE PLANT.** Dwarf plant of procumbent or trailing habit, finely adapted for vases, rock work, etc. The surface of the foliage is covered with panicles resembling crystals of ice glistening in the sun, forming a curious and attractive display. Height 6 inches. Tender annual.

Mesembryanthemum crystallinum, packet 5c.

**JAPANESE HOP.** A rapid growing, perfectly hardy, annual climber of the hop family, of the easiest culture and indispensable for covering unsightly objects, or verandas, trellises, etc. Sows itself after the first year.

Humulus Japonicus, variegated, packet 10c.



Ice Plant.



Japanese Hop.

**JOB'S TEARS.** Curious ornamental grass from East India, with broad corn-like leaves, and seeds of a light slate color, wonderfully lustrous. Valuable for the formation of winter bouquets in connection with everlasting flowers, and strings of handsome beads are formed from the seeds. Height 3 feet. Hardy annual.

Coix Lachryma, packet 5c.



Job's Tears.

**LINUM (Scarlet Flax).**

Distinguished for their brilliant colored flowers, which are deep crimson with black center saucer-shaped, and very conspicuous in bed and border. The foliage of the plant is slender and delicate, and the flowers produce very little seed. Height 1 1/4 feet. Hardy annual.

Linum grandiflorum rubrum, pkt 5c.

**HORNED AFRICAN CUCUMBER . . .**

A Vine of Exceedingly Luxuriant Growth. Pkt. 10c. oz. 25c.

SEE NOVELTIES.



**LARKSPUR.**

A fine variety of colors—shades of blue, red and others striped and mottled. The flowers are produced in spikes, which are continually pushing out from the main stem and branches, furnishing an abundance of bloom through the season. When grown in vases makes a fine display. Height 2 feet. Hardy annual. Delphinium, double tall mixed, packet 5c. Delphinium, double dwarf mixed, packet 5c.



Larkspur.

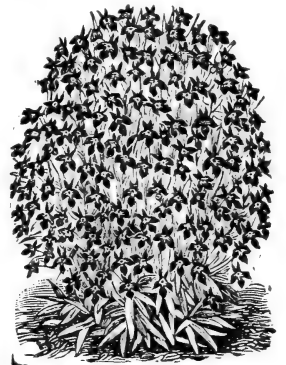
**LANTANA.**

Rapid growing plants; the flowers are borne in Verbena-like heads, embracing every shade of pink, purple, orange and white. Half hardy perennial. Height 3 feet.

French hybrids, mixed, pkt 10c.



Lantana.



Lobelia.

**LOBELIA.**

An elegant and useful class of plants of dwarf, compact growth, bearing a profusion of delicate flowers, in bloom through the summer and autumn. Make a neat and effective edging for Geraniums and ornamental and leaved plants; pretty for baskets and vases and piazza decorations. Height 6 inches. Half hardy annual. Lobelia Blue, Crystal Palace, pkt 10c.

**LILY OF THE VALLEY.**

The Lily of the Valley is a sweet little plant, thriving in common soil; it will do well in any shady situation, where few other plants will thrive; can be multiplied by dividing roots, or by seed. Hardy perennial. Height 1 foot.

Convallaria majalis, packet 10c.



Lily of the Valley.

**MORNING GLORY.**

This well known annual is one of the most popular climbers. Of rapid growth, soon covering a fence or trellis with the abundant foliage and bright flowers. A great variety of colors and shades. Height 10 feet. Hardy annual.

Tall, mixed colors, pkt. 5c., oz. 15c. ¼ lb. 35c.

Dwarf, Convolvulus minor, mixed, packet 5c.

Imperial Japanese Morning Glory. The flowers are of immense size and of strong colors. Soak seed before planting. Packet 5c., oz. 25c.

**MOON FLOWER.**

The true Moon-flower is the most vigorous of all the summer climbers; a single plant can easily be made to cover, by August 15th, a trellis 30 to 50 feet high and 6 feet broad, with a dense mass of leaves, studded every night or cloudy day with hundreds of beautiful white and wax-like flowers 4 to 6 inches in diameter. Height 30 to 50 feet. Tender annual. Packet 10c.



Morning Glory.

**MARIGOLD.**

A showy plant of compact, symmetrical growth, handsome foliage, and a profusion of flowers of brilliant shades of yellow, finely variegated and striped with dark rich colors of maroon and brown. Flowers of this variety are about an inch in diameter, full double to center, and cover the plant profusely. Height 1 foot. Half hardy annual.

Double Dwarf, French, packet 5c.

Double Dwarf, African, packet 5c.



Marigold.

**MOURNING BRIDE.**

One of the best flowers for bouquets; plants of dwarf habit, and compact; the flowers borne on long, wiry stems. A great variety of colors from white to very dark purple—almost black. In bloom from August till after severe frosts. Height 18 inches. Tender perennial.

Scabiosa, dwarf double, mixed, packet 10c.

**MIGNONETTE (Reseda).**

One of the best known flowers, indispensable for the garden; is suitable to almost any location and soil, furnishing its fragrant blossoms continuously through the summer and until after severe frosts. Height 1 foot. Hardy annual.

Grandiflora, sweet, large flowering, packet 5c., oz. 15c.

Golden Queen, golden yellow, packet 5c., oz. 40c.

Giant White, pyramidal, tall growing, packet 5c., oz. 40.

Giant Mchet, this is the popular strain used by florists. Packet 10c., oz. 75.

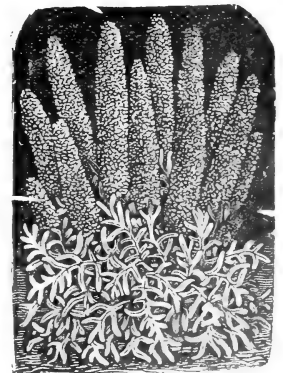
**NEMOPHILA.**

This popular plant is to be found in almost any garden, and has secured a place in the heart of every lover of flowers. Of dwarf, spreading habit, it is well adapted to border or pot culture. The flowers are exquisitely colored, blotched and spotted; they are quite apt to sport into an endless variety of shades from black and blue to lighter colors. Height 6 inches. Hardy annual.

Mixed colors, packet 5c.

**NICOTIANA AFFINIS.**

A handsome genus of garden plants of the tobacco family, which are noted for freedom and fragrance of their bloom. Half hardy annual, 3 feet high. Flowers white, salver-shaped, having long, tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Packet 10c.



Mignonette, Giant.

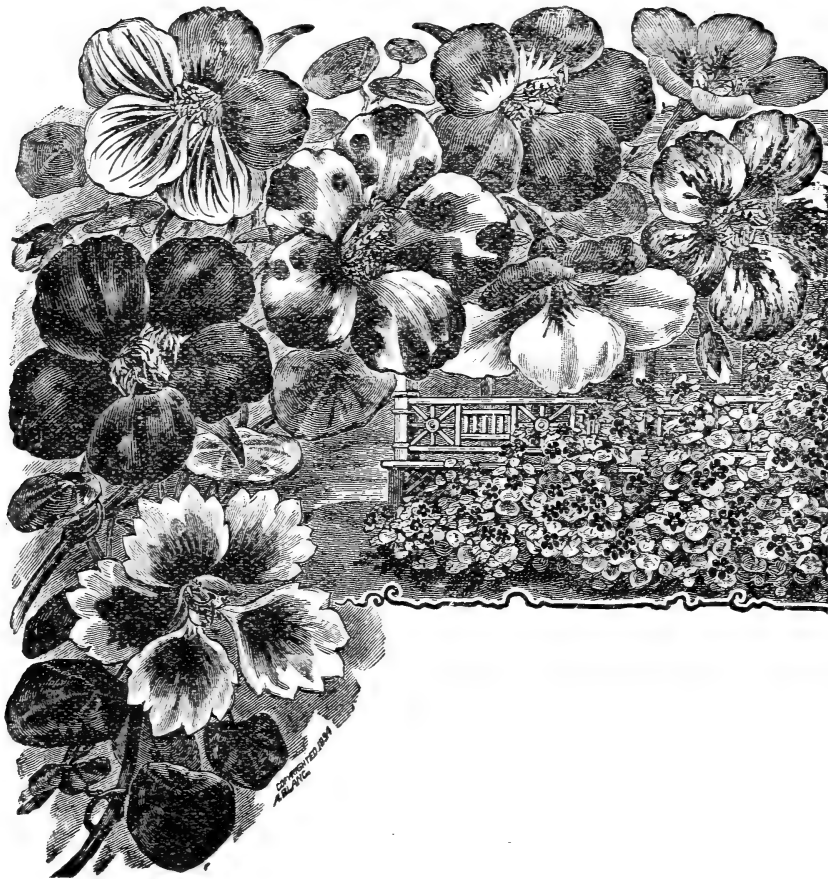


Mourning Bride.

**NIGELLA (Love-in-a-Mist).**

A showy annual with fine cut of foliage, and curiously formed double flowers of light blue color. The form and color render it very desirable for bouquets. Height 1 foot. Double, mixed colors, packet 5c.

# NASTURTIUMS.



## Tall Nasturtium.

This well known annual is one of the best for trellis and arbor decorations; flowers of a great variety of rich colors, striped and spotted with different shades. Is excellent for vases and baskets, also does finely when grown in beds without trellis support; produces an abundance of flowers from the first of July until frost. Height 6 to 10 feet.

Mixed, all colors, packet 5c., ½ oz. 10c., oz. 15c., 2 oz. 25., ¼ lb. 35c.

Heinemani, silky bronze chocolate, packet 5c., oz. 15c.

Coccineum, bright orange scarlet, packet 5c., oz. 15c.

Schillingi, bright yellow, maroon blotches, packet 5c., oz. 15c.

Pearl, cream white, packet 5c., oz. 15c.

Regelianum, brownish violet, packet 5c., oz. 15c.

Madam Gunther's Hybrids, a grand strain of tall growing, containing many colors not found in any other mixture. Pkt. 5c., oz. 15c., 2 oz. 25c., ¼ lb. 40c.

## Lobb's Nasturtium.

These constitute without doubt, some of the finest of our annual climbers; they are as easily grown as the common Tall Nasturtium, which they far surpass in remarkable brilliancy of their flowers, and also in height of vines and rapidity of growth.

Many colors, mixed, packet 5c., ½ oz. 10c., oz. 15c.

**Dwarf Nasturtium.** A bed of Dwarf Nasturtium is very desirable for borders along walk ways, etc. They are in constant bloom. Grow about one foot high.

Mixed Colors, packet 5c., ½ oz. 10c., oz. 15c., 2 oz. 25c.

Brilliant, a handsome scarlet, packet 5c., oz. 15c.

Ruby King, a blue tinted red, packet 5c., oz. 15c.

Pearl, creamy white, packet 5c., oz. 15c.

King Theodore, maroon, packet 5c., oz. 15c.

Lady Bird, orange yellow, red spots, packet 5c., oz. 15c.

## New French Nasturtium, "Chameleon."

This new Nasturtium is a most remarkable advance in this brilliant family. We find that in richness and variety of color it surpasses any other strain, and is also unique in bearing flowers of quite distinct coloring on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. This characteristic as well as the wonderful richness of the unusual markings, has been fixed in both the tall and dwarf forms, and we recommend both strains heartily to every grower of even the smallest garden.

We furnish both Tall and Dwarf separately. Pkt. 5c., ½ oz. 15c., 1 oz. 25c.

## New Ivy Leaved Climbing Nasturtium.

This is the most distinct and showy variety, differing from all other Nasturtiums in both foliage and flower. The plants are of strong running growth; the leaves are deep rich green, veined with silvery white, closely resembling in form and veining those of the hardy English Ivy. The distinct foliage is shown to the greatest advantage where the leaves are closely clustered at the tips of the growing shoots. The flowers are of the deepest and richest glowing scarlet, comparatively small in size, but of most distinct form, the petals being slender, finely feathered. This new Ivy-leaved Nasturtium is also desirable as a trailing vine for planting in hanging baskets, vases or for winter pot culture in the house. Packet 10., ½ oz. 20c., oz. 35c.



Six Packets of any above varieties of Nasturtiums for 25c., 12 for 40c. Five 1 oz. Packages, (Except Chameleon and Ivy Leaved) for 50c.

Before closing your order, look over our list of Summer Flowering Bulbs. You surely will include some

. . . . **GLADIOLUS, DAHLIAS, TUBEROSES, ETC.** . . . .

When you want Hyacinth, Tulip and Narcissus Bulbs write us for "Fall Bulb Price List."

# PETUNIAS.



Petunias.

**PETUNIA.** One of the best flowers for a splendid display through the entire season. Beautiful new colors, striped and marked in the most diversified manner. The ease of culture, profuse and continuous bloom, adaptation for different styles of growth—indoors and in the garden—render the Petunia one of the most valuable of the annuals and entitled to a generous share of the space in every garden. In bloom from the first of July to October. Hardy perennial.

Double mixed, saved from choice double flowers, nearly always a few come single, packet 20.

Giants of California, produce immense large single blossoms, packet 15c.

Striped and Blotched, single, mixed, packet 5c.

☞ If you want Petunia Plants write us. We can usually supply them in assortment of colors.



## USEFUL, SIMPLE, GARDEN TOOLS.



Every person who cultivates even a few flowers has use for the small tools. A garden trowel is indispensable, and a good substantial trowel is worth many of the cheap frail ones. Our No. 3090 all steel Garden Trowel will last a life time. It is one solid piece from end of handle to tip of blade. Price 30c., by mail 35c. The Langs Hand Weeder, is one of the most popular hand tools, being the best of its class. Having a leather strap on the handle you can carry it on two fingers and have the freedom of the hand to pick up weeds, etc. Price only 25c. postpaid.

**PYRETHRUM (Insect Powder Plant).** Practical entomologists have long been looking for some effective, safe and cheap insecticide, and now tell us they have found it in the Persian Insect Powder. This is the dried and powdered flowers of the Pyrethrum Roseum, and it is certain death to Plant Lice, Flies, Cabbage Worms, and nearly every form of insect life. It is harmless to man, but when diluted with ten times its bulk of flour, kills every Cabbage Worm or other insect it touches. Height 1 foot.

Pyrethrum roseum, packet 10c.

Pyrethrum aurum, this is the beautiful bedding plant with golden leaves, called, "Golden Feather," packet 10c.



**POPPY.** A well known flower of great profusion.

Single and double mixed, a grand collection of the annual varieties, packet 5c., oz. 20c.

**FAIRY POPPIES.** The flowers are perfectly double, of large size and magnificent form. In colors the grand, large flowers are of pure white, glowing scarlet, light lilac, scarlet with white, and black, rose, and deep maroon.

Double mixed, packet 5c.

**THE SHIRLEY POPPIES.** They are similar in every way to the Wild Scarlet Field Poppy of England and the continent, but the range of color is so varied that scarcely two will be found alike. Packet 5c.

**ICELAND POPPIES (Perennial).** The delicate, fragrant flowers are exceedingly beautiful, and with their long stems are well suited for cutting. The plants are perfectly hardy, easily cultivated, and the lovely white, yellow and orange-red flowers are in bloom from early summer until fall. Hardy perennial, blooming the first year from seed. Pkt 10c.

**NEW ORIENTAL HYBRID POPPIES.** For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of enormous size, often measuring over six inches in diameter, while the colors range from soft flesh and rose to the most brilliant, dazzling scarlet, and richest maroon purple. Their culture is as simple as that of the common garden Poppies. One of their most valuable qualities is that they are perfectly hardy perennials, living through winters with but little protection and increasing in size and beauty from year to year. Packet 10c.

**ORNAMENTAL GRASSES.** Ornamental grasses are very useful for cutting when fresh, for summer bouquets, and also dry well for working with everlasting flowers for winter bouquets. This assortment includes the most delicate and graceful varieties.

Stipa pennata or feather grass, packet 5c.

Lagurus ovatus, packet 5c.

Pampas grass, forms elegant plumes, packet 5c.

All kinds, mixed, packet 10c.

**OXALIS.** Very attractive and beautiful plants, with richly colored flowers, suitable for rock work and rustic baskets. Half hardy perennial. Height 6 inches. Mixed, packet 10c.

## SWEET PEAS.

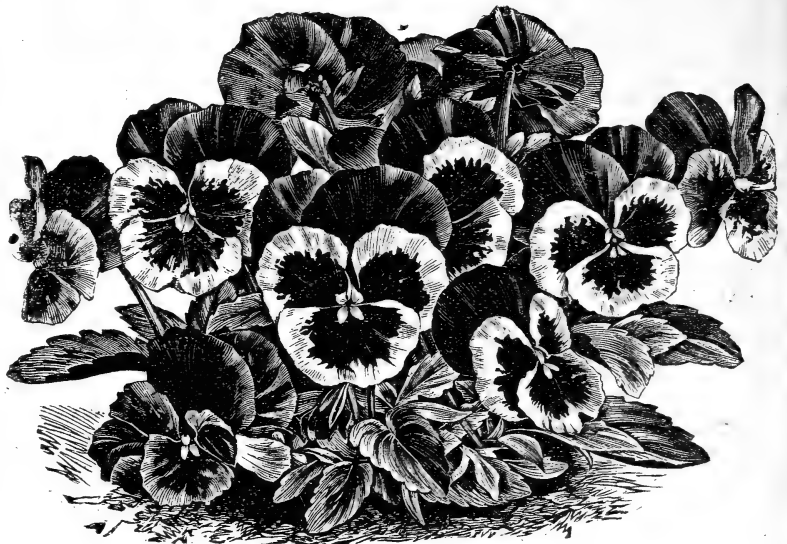
OUR ASSORTMENT IS STRICTLY  
"UP-TO-DATE."  
SEE PAGES 56 AND 57 FOR DESCRIPTION  
AND PRICES.

# PANSY.

These lovely flowers are favorites with all, not only for the modest brilliancy and variety of their colors but for the durability of their bloom.

**Trimardeau**, very large flowered, mixed. An entirely distinct and beautiful race with flowers of the richest and most varied shades of color. Plants of vigorous, compact growth. The flowers, which possess unusual substance and consistency, are each marked with three large blotches or spots.

- White, with dark center, packet 10c.
  - Black, King of Blacks, packet 10c.
  - Yellow, a beautiful clear yellow, packet 10c.
  - Blue, azure blue, packet 10c.
  - Purple, deep royal purple, packet 10c.
  - Bronze, a golden bronze, packet 10c.
  - Mixed, all colors, packet 10c.
- One packet of each of above seven for 50c.



Pansy

**Sweet-Scented.** This lovely new class is the result of a hybridization or crossing of the Pansy with the sweet Violet, retaining the delightful Violet Perfume, with Pansy blooms 2 inches in diameter, of good substance and in many colors. They include pure white, yellow, black, maroon, orange and lavender; also striped, blotched, feathered, etc. Packet 15c.

**Cassier's New Giant Odier Pansies.** Extra large flowers of the showy and popular Odier type, being all three-spotted or five-spotted on backgrounds of rich glowing colors in many distinct shades. Packet 15c.

**Bugnot's Very Large Stained, Mixed.** An extra large, five-blotched race; plants vigorous, with short stalks bearing well above the foliage, immense flowers of fine form and substance. Extra fine. Packet 15c.

**German Imperial Mixture.** While the giant flowered are great favorites, they do not carry all the shades and colors which are found in our German Mixture. This is the florists' popular strain. Mixed, a fine assortment, packet 10c., 3 for 25c., ¼ oz. 75c.

**Good Mixed Pansy.** Consisting of many popular colors of ordinary strains. Packet 5c., oz. 50c.

**PASSION FLOWER.** A most interesting and well-known order of climbers, bearing singularly beautiful flowers. They are the pride of South America and West Indies, where the woods are filled with the species, which climb about from tree to tree, bearing flowers of striking beauty. *Passiflora Coerulea*, packet 10c.

**PORTULACA (Rose Moss).** There are scarcely any flowers in cultivation that make such a dazzling display of beauty as a bed of many-hued, brilliant-colored portulacas. They are in bloom from about the first of July until killed by frost in autumn. Plant in open ground after it has become warm, in a light soil, and in a dry situation. After the plants appear, withhold water, and if the beds have a full exposure to the sun, the ground will be covered with the plants and the effect beautiful. Tender annual. Height 9 inches. Single, mixed, packet 5c. Double Rose, mixed packet 10c.

**PICOTEE.** Very much like Carnation, as fine and more delicate in its coloring. Perennial. Height 18 inches. German, mixed, packet 10c.

**ROSE, New Dwarf (Rosier Multiflora).** Height 20 inches. This variety comes to us from France. They commence blooming when about three inches high, like annuals, they germinate, flower and produce seed within a year. Blooming is continuous throughout the summer, but is naturally more abundant the second season. The flowers are single, semi-double and double in almost equal proportions, and present almost all the variations of color found in other roses. A young plant raised from seed sown Jan. 15th expanded its fruit flowers three months later. Packet 15c.



New Dwarf Rose.



Primrose.



Portulaca.

**PRIMROSE (Chinese.)** These are, perhaps, the most desirable of all house blooming plants. They are in almost constant bloom all winter, and if the plants be transferred to the border they will bloom nearly all summer. Though perennial, new plants flower more freely, and seed should be sown every year. Give them a long time for growth before flowering, and do not force the young plants, but simply protect them from frost, and damp, cutting winds. Height 9 inches.

- Primula sinensis*, mixed, packet 15c.
- Primula obconica*, packet 10c.



# PINKS.

Splendid, large flowers of the richest and most brilliant colors and markings; constantly in bloom from July till after severe frosts, the first and also the second year. No flower excels this genus for a brilliant show of colors through the summer. Height 1 foot.

**Dianthus Ghinensis**, (double China) mixed, packet 5c., ¼ oz. 15c., oz. 50c.

**Dianthus Laciniatus**, (double fringed) mixed, packet 5c., ¼ oz. 25c., oz. 90.

**Dianthus Imperialis**, (double Imperial) mixed, pkt. 5c., oz. 50c.

**Dianthus Heddewigii**, (double Heddewigii) mixed, pkt. 5c., oz. \$1.

**Dianthus Heddewigii**, single, mixed, packet 5c.

**Dianthus Albus flore pleno**, (double white) packet 5c.



Dianthus, or Hardy Garden Pinks.

# PHLOX.

No flower excels this in all the qualities that make a popular annual. Brilliant and varied colors, continuous and profuse bloom, being one of the last to succumb to the frosts of late October, it is excellent for bouquets, all combine to place it in the list of the best half dozen flowers for garden decoration. Height 18 inches.

**Phlox Drummondii**, mixed, packed 5c., oz. 60c.

**Phlox Drummondii**, grandiflora, large flowering, mixed, pkt. 10c., oz. 80c.

**Phlox Alba**, white, packet 10c., oz. \$1.

**Perennial Phlox**, packet 10c.

**Phlox, Star of Quedlinburg**, packet 10c.

**SALPIGLOSSIS.** A beautiful annual that deserves to be more widely known: when once grown in the garden will be one of the first to be chosen for the next year. Flowers of the richest colors, blue, crimson, yellow, purple, scarlet, etc., with texture like rich velvet, each petal beautifully penciled. Splendid for bouquets. Height 2 feet.

**Salpiglossis**, mixed colors, packet 5c.

**SCHIZANTHUS.** This annual should be more widely cultivated. Flowers different shades of blue, curiously cut and delicately spotted; laced with crimson, white, yellow, etc. Adapted for garden and indoor culture. Excellent for bouquets. Height 18 inches.

**Mixed colors**, packet 5c.

**SWEET SULTAN.** A handsome annual with fragrant flowers, borne on long slender stems. Their fragrance and habit of growth adapt them finely for bouquets. In bloom from July till October. Height 2 feet.

**Centaurea Moschata**, mixed, packet 5c.

**SENSITIVE PLANT.** A curious plant, manifesting sensation to the touch of any object that jars or stirs the leaves or branches—the stalks immediately drooping or folding together, as if possessed of life and an over-supply of nerves, affording a source of amusement for the little and large folks. Height 1 foot. Tender annual.

**Mimosa Pudica**, packet 5c.

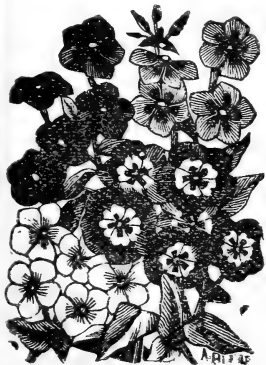
**SWEET WILLIAM.** The improved varieties of this popular flower are very beautiful, and should find a place in every garden. A great variety of rich colors, eyed and variegated with other shades, forming large trusses of bloom, remaining a long time in perfection. A bed of Sweet William is very attractive the last of June and first of July, at a time when but few other flowers are in bloom. Hardy perennial. Height 18 inches.

**Dianthus Barbatus**, single, mixed, packet 5c.

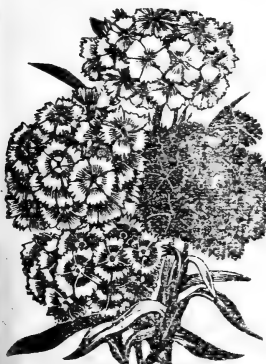
double, mixed, packet 10c.



Salpiglossis.



Phlox.



Sweet William.

When you wish Everlasting Flowers, order Acroclinium, Ammobium, Globe Amaranth, Helichrysum, Xeranthemum and Gypsophila Paniculata.

We furnish all above mixed, packet 10c.

A most beautiful display of rich blooms may be produced in Early Spring, in the open ground by planting an assortment of the hardy Dutch Bulbs, such as Hyacinths, Narcissus, Tulips, Crocus, Etc. They are very sure to bloom and of very simple culture. Try a few this coming fall—they must be planted in fall. Ask us to place your name on list for Fall Price List of Bulbs.

# SWEET PEAS.

We are headquarters for strictly high grade Sweet Peas seed. Our growers give special attention to selecting and cleaning. We have trade from all parts of the United States for our "selected strains," which are furnished at prices within the reach of all and as low as the ordinary stocks are priced by many.

**PRICES.** 5c. per packet. 6 packets for 25c. 12 packets for 40c. 10c. per ounce. 3 one-ounce packages for 25c.  $\frac{1}{4}$  lb. 20c. lb. 60c. Postpaid except where otherwise priced. If pounds are wanted by express, deduct 10c. per lb.



Sweet Peas.

## WHITE.

**Emily Henderson.** A persistent bloomer.

**Blanche Burpee.** A splendid pure white variety.

**Sadie Burpee.** An improvement on either above whites, being very large with a hooded form.

## PINK.

**Lady Penzance.** An attractive orange pink with a medium hooded blossom.

**Lady Marie Currie.** Fine orange pink, of intense color, splendid for cutting.

**Katherine Tracy.** A soft but brilliant pink.

**Lovely.** A delicate shell tinged with yellow; often four flowers on a stem.

**Apple Blossom.** Bright rose and pink.

**Prima Donna.** A lovely shade of soft pink, very vigorous, usually four blossoms to a stem.

**Modesty.** White with a tint of pink on the edges.

## PINK AND WHITE.

**Early Blanche Ferry.** This is the standard among florists, as it has no rival for forcing. Our strain is the "earliest of all" and is very early.

**Painted Lady.** The old favorite of pink and white.

## ROSE.

**Her Majesty.** Large hooded flowers, with usually 4 to a stem.

## SCARLET.

**Salopian.** Very bright scarlet with large flower.

**Cardinal.** Intense crimson scarlet.

**Mars.** A large and well-formed scarlet.

**America.** Is a common scarlet, striped on white. Large open flowers.

## YELLOW.

**Mrs. Eckford.** Beautifully shaded. Very vigorous grower.

## VARIEGATED.

**Gray Friar.** Watered purple on white ground.

**Dorothy Tennant.** Rosy purple, large size.

**Juanita.** Standard mauve, wings lavender, both striped.

## MAROON.

**Black Knight.** Very deep maroon, an improvement on Boreatton.

**Monarch.** Deep bronzy maroon and dark blue.

## LAVENDER.

**New Countess.** Delicate lavender, the finest in this color.

**Lady Grisel Hamilton.** Very large, with long stems.

## BLUE.

**Captain of the Blues.** Bright purple blue.

**Countess of Cadogan.** Flowers open a purple but soon change to a lilac to a blue.

**Navy Blue.** The large flowers are of a rich violet purple with the effects of a dark navy blue.

## MIXED.

**Eckford's Hybrids.** Mixed. Nothing better in mixture of varieties and should not be compared with ordinary mixtures on the market. We mix in all our named varieties. Oz. 10c., 2 oz. pkt 15c.,  $\frac{1}{4}$  lb. 20c., lb. 60c., 3 lbs. prepaidd for \$1.50.

**Large Flowered.** All good varieties, though not all choice. Oz. 10c.,  $\frac{1}{4}$  lb. 15c., lb. 40c., 5 lbs., not prepaid, \$1.50.

**Light Colors. Only.** Mixed. From named varieties mixed to order. Oz. 10c., 2 oz. 15c.,  $\frac{1}{4}$  lb. 20c.

**BOOK.**

"SWEET PEAS UP TO DATE." BY HUTCHINS.

A COMPLETE TREATISE ON CULTURE OF SWEET PEAS 10c. postpaid.

# SWEET PEAS.

(Continued.)



Cupid Sweet Peas in a pot.

**Bush Sweet Peas (Gray Friar).** A distinct type of bush habit, (not dwarf like cupid), but with blossoms much the same as tall varieties. The Gray Friar is of a lavender purple color on a silvery white background, packet 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c.

**Dwarf Sweet Peas.** 10 inches high. A dwarf variety that is suitable for pot culture, hanging baskets, etc., is a decided acquisition in Sweet Peas, this we have in Dwarf Cupids. Blossoms are smaller than ordinary tall varieties.

White Cupid, pure white blossom, packet 5c., oz. 10c., 2 oz. pkg. 15c., ¼ lb. 25c.

Pink Cupid, same as preceding, only differs in color, packet 5c., oz. 10c., 2 oz. pkg. 15c., ¼ lb. 25c.

Mixed Cupid, contains more colors, packet 5c., oz. 10c.

**Double Sweet Peas.** It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done. The result at best is really semi-double flowers. The best varieties we have are the usual single type. We furnish them mixed, doubles, the others remaining of the usual single type.

nave will not produce more than half doubles, packet 5c., oz. 10c., 2 oz. 15c., ¼ lb. 25c.

**Everlasting Peas.** A perennial climber, producing a succession of white, rose and purple blossoms in clusters. Suitable for trellises, arbors, etc. Hardy perennial. Height 10 feet. Mixed, packet 5c., oz. 25c.

Consists of Salopian, Blanche Burpee and Navy Blue in a mixture. Very novel. Try an ounce at least.

**Red, White and Blue Mixture.** Oz. 10c., 2 oz. 15c., ¼ lb. 25c.

Plants grow about one foot high, making a compact bush, covered with splendid spikes of bloom from July till frost. This seed is our own importation from the most celebrated German grower of this flower, saved only from the selected pot plants, and will produce the largest proportion possible to obtain large double flowers in the most brilliant colors and variety. Half hardy annual. Height 1 foot.

## STOCKS (Ten Weeks).

German Dwarf Double, mixed packet 10c., ¼ oz. 60c.

Separate Colors, white, blue, crimson, purple, yellow, pkt. 10c., ¼ oz. 75c.

**Brompton Stock.** The Brompton Stock cannot endure our winters, but if plants are grown in the open ground during the summer, in autumn they can be removed to the house, where they will flower well if not kept too hot or dry. Half hardy annual. Height 1 foot.

Mixed, packet 10c.  
White, packet 10c.

**SUNFLOWER.** An exceedingly double variety of this well known plant, adapted by its stately growth for a background to the lawn, or a screen to hide unsightly places. It is also raised as an absorbant of miasma in damp or ill-drained situations, thus preventing fevers. The flowers are quite attractive. Hardy annual.

Helianthus, Globosus Pistulosus, packet 5c., oz. 10c.  
Mammoth Russian, packet 5c., oz. 10.

**SALVIA.** The Salvia, or Flowering Sage, is a very ornamental plant, flowering in spikes, and continues in bloom in the open ground till frost, when the plants can be removed to the green-house and they will continue in bloom a long time. This variety is of the dwarf habit, and the spikes of flowers are not so large as some of the green-house sorts. Height 1 foot. Tender annual.

Salvia Splendens, scarlet, packet 10c.

**SMILAX.** No climbing plant in cultivation surpasses this for the graceful beauty of its foliage. In cut flowers the graceful texture enables it to keep several days, after being cut, without wilting. Nothing is finer for clothing statuettes, vases, etc. Height 10 foot. Tender perennial.

Ten Weeks Stocks.

Large packet 10c., oz. 50c.

**THUNBERGIA, Climbing Black-eyed Susan.** A trailing or climbing plant with flowers of various shades of yellow and white, having a dark center or eye. Finely adapted for vases or hanging baskets, for piazza decorations. Height 2 feet.

Thunbergia Alatum, mixed packet 10c.

**TRUMPET VINE or BIGNONIA.** Magnificent, hardy, deciduous climber, with brilliant flowers; deserving a first place as an ornamental and effective covering for walls, houses, etc. Hardy perennial. Height 20 to 30 feet.

Bignonia Radicans, packet 10c.

**WILD FLOWER GARDEN," or Mixture of all kinds Flower Seeds.** Any one who has planted and cultivated flowers, in neatly laid out beds and borders, is aware of the labor and constant attention required to produce the desired effect. To those who cannot give it this care "The Wild Flower Garden" presents a substitute which, for its unusual and varied effects; cheapness and the small amount of labor necessary for its construction, has no equal. The seeds we offer for the "Wild Flower Garden" are a mixture of over 150 different varieties, and being mixed can be offered at a much less price than when sold in separate packets. No one not having such a bed, can form an idea of its beauty, the different seasons of bloom insuring something new, almost every day. Large packets 10c., ¼ oz. 15c., ½ oz. 25c.

NOTE OUR LIBERAL DISCOUNT IN PREMIUMS  
ON ALL ORDERS FOR SEEDS IN PACKETS.



Verbena.

**VERBENA.** The most popular bedding plant grown from seed. The fine variety of colors, with stripes and markings of different colors, profuse and long continued bloom, fragrance and excellence for bouquets, making them one of the most desirable annuals in the catalogue for general culture. Grown from seeds, the flowers are quite fragrant, and blossoms stronger than from cuttings. Tender perennial.  
 Verbena Hybrida, mixed colors, packet 5c., ¼ oz. 25c., oz. 75.  
 Mammoth, mixed, packet 10c., ¼ oz. 50c.  
 Separate colors, white, pink, purple, blue, scarlet, climax, each, packet 10c.



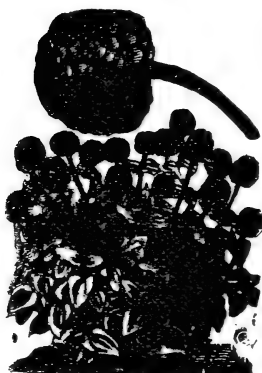
Violet.

We Furnish Verbena Plants in the Spring Months. See List of Plants.

**VIOLET.** The violet should not be wanting in any garden, on account of its fragrance and early appearance. A single flower will perfume a whole room. Succeeds best in a shady, sheltered place, and can be easily increased by dividing the roots. The violet is an emblem of faithfulness. Hardy perennial. Height 4 inches.  
 Viola Odorata, packet 10c.

**WILD CUCUMBER.** Ornamental climbing cucumbers with curious fruit, remarkable for its luxuriance and rapidity of growth. Height 15 feet. Half hardy annual.  
 Eschinochystis Lobata, mixed, packet 5c., oz. 15c., ¼ lb. 40c.

**WISTARIA VINES.** One of the quickest growing climbers, of fine bright foliage, producing bunches of rose lilac flowers in great abundance during spring. If once started will live for years. Hardy perennial. Height 20 feet.  
 Glycine Sinensis, packet 10c.



Zinnia.

**Wall-Flower.** The large, massive spikes of the Wall-Flower are very conspicuous in beds and borders, and are very useful in making bouquets. They are deliciously fragrant, perfectly double, and combine many shades of color—the orange, purple and chocolate predominating. Height 18 inches. Tender perennial.  
 Double, Mixed, packet 10c.  
 Single, Mixed, packet 10c.



Wall-Flower.



Whitlavia.

**WHITLAVIA.** An elegant annual, with delicate foliage and drooping clusters of rich, dark blue and white bell-shaped flowers. Is fine for baskets and vases; for piazza decorations is one of the best, flourishing best in partly shaded situation. Height 1 foot.  
 Whitlavia Grandiflora, packet 5c.

**XERANTHEMUM.** A popular flower of the immortelle class. Blooming freely in common soil. Plant is of compact habit with flowers borne on strong stems. Colors, white, purple, yellow and light blue. Hardy annual. Height 1 foot. Packet 5c.

**ZINNIA.** Fine, large flowers, of a great variety of double colors—red, rose, crimson, scarlet, purple, orange, white and yellow—the flowers full, double as a Dahlia, and remaining in bloom from July till frost. Make a fine display when grown in rows, the plants forming a dense hedge, covered with bloom. Height 2 feet. Half hardy annual.  
 Double, mixed, packet 5c.  
 New Zebra, striped, resembling a zebra, packet 10c.

## Flower Seed Mixtures and Collections.

You should include some of these mixtures in your order. They are money well invested.

**MIXED CLIMBERS.** Includes Nasturtiums, Sweet Peas, Japanese Hops, Cypress Vine, etc. Just what you want to cover garden fence, old stumps, trellis, etc. Liberal packet only 10c., ¼ oz. 25c.

**MIXED EVERLASTING FLOWERS.** All the popular everlastings. You cut them when in bloom, they keep all winter. Packet 10c.

**“WILD FLOWER GARDEN.”** In this you get near all kinds of annual flowers Liberal packet 10c., ¼ oz. 15c., ½ oz. 25c

**SWEET PEAS.** We give 6 separate packets for 25c., 12 packets for 40c., 3 one-ounce packages for 50c.

**NASTURTIUMS.** We give 6 packets, any kind, for 25c., 12 packets for 40c., 3 one-ounce packages for 50c.

**PANSY-TRIMARDEAU.** One packet each of 7 different kinds for 50c.



# OUR SELECTED LIST OF SUMMER FLOWERING BULBS.

We have selected only the most popular and easy-growing bulbs, which are sure to give satisfaction. The prices are exceedingly low for the first-class bulbs we have to offer. They will be sent prepaid, when ordered at single and dozen rates. At the 100 rate they will be sent by express or freight at purchaser's expense. Unless ordered to the contrary we will use our judgment in time of shipping to avoid danger of frost.

## DAHLIAS.

For several seasons we have handled Wilmore's Celebrated Dahlia Bulbs. We have no hesitancy in saying that the following list is the cream of his entire assortment. One to three strong germs to each bulb. Do not judge the flower by the size of the bulb, as some of the grandest have the smallest bulbs. Price 15c. each, \$1.50 per dozen, prepaid. The figures after description indicate feet high approximate.

### SHOW AND FANCY VARIETIES.



- ARABELLA.** A large, perfect form. Pale lemon shading to primrose at the tips. Fine. 3.
- ANNIE MOORE.** Color, a beautiful combination of cherry, pink and white. 3.
- A. D. LIVONI.** Rich pink. Finely formed. A very handsome flower. 3.
- BLACK PRINCE.** Very large. Dark velvety maroon. 4.
- BONTON.** Fine ball shaped flower, a deep garnet red; tipped and streaked with white. Extra fine Dahlia. 4.
- COUNTLESS OF PEMBROKE.** (Cactus.) Soft lilac, shaded to lavender. 3.
- CINDERELLA.** (Cactus.) Petals long and pointed and quite regular in outline. Color dark purple maroon. A very early and free bloomer. 3.
- ORAL PARK JEWEL.** Rich purple red, tipped and edged with white. Sometimes solid color. Very early and 3.
- ANK SMITH.** Rich dark maroon. Generally tipped pure white, shaded into pink. One of the best. 4.
- GOLDEN TREASURE.** A beautiful burnt orange color. Flower large, well formed and full to the center. It belongs to the decorative class and is a valuable acquisition, as it is bred in color from any yet introduced. Stems long and stiff.
- N. CUSTER.** Deep purple maroon; long stems and a free bloomer. 5.
- ORI DE LYON.** Pure white. The largest white dahlia cultivation, almost as round as a ball. 4.
- ORIOSA.** Bright scarlet petals, long and pointed. 4.
- AND MOGUL.** Intense scarlet, variegated with pure e, frequently a solid scarlet. 4.
- MARY PATRICK.** Pure white. Beyond all question this is the best white cactus yet introduced. 6.
- OSER WILHELM.** One of the grandest flowers in cultivation. Of immense size and perfect form. Deep yellow edged and shaded with cherry red. 4.
- TE HASLEM.** A beautiful soft pink. 3.
- DIY MILDWAY.** A very beautiful flower. White ground edged to pale lilac. 3.
- ANDHURST.** Scarlet or vermillion. Distinct in its color from all others. A noble flower. 4.
- ORILE.** A remarkably fine bloomer; so much so that the whole plant appears one mass of yellow. Color pure or yellow. Double to the center. 3.

- LITTLE REX.** Rosy pink; long stems; fine for cutting. 4.
- MISS RUTH.** Lemon yellow, tipped with pure white; sometimes clear yellow. 3.
- MATCHLESS.** Color, almost a black maroon. Was awarded 18 prizes in England. Truly a grand dahlia.
- MRS. LANGTRY.** Light buff, tipped with crimson. 3.
- MYRTLE.** Very free flowering, of medium size. Color, vivid scarlet. 4.
- MRS. HARTONG.** Color, light fawn, suffused with pink. Very handsome.
- MISS DODD.** Purest yellow. Of exquisite form and color. 3.
- MRS. LINDER.** This new decorative Dahlia is considered one of the very best. Its color is a beautiful creamy white, shading to bluish pink. Of perfect outline. 4.
- MRS. PEART.** (Cactus.) One of the grandest of all cactus Dahlias. Color, a delicate creamy white.
- OURAY.** (Decorative.) Deep blood red. Flower very large and rather loosely constructed. Stems very long. 4.
- ORINE EMERSON.** A very handsome flower, borne on long stems. Color rich dazzling red, shaded with light cherry red. 5.
- PRINCE BISMARCK.** Purple lake. A most pleasing color. Very fine form. 3.
- PIONEER.** The nearest approach to a black dahlia of any yet introduced. 5 1/2.
- SNOW.** A beautiful, pure white, long stems, excellent for cutting. 4.
- WHITE ASTER.** (Guiding Star.) Pure White. Excellent for cutting. Petals fringed. 4.

### NOVELTIES.

Price 20c. each. \$2 per dozen.

- DR. GATES.** (1902)—This new cactus Dahlia is a lovely shade of sea shell pink shading to blush at the base of the petals. Unlike so many of the cactus varieties, this one has a fine stem, holding its flowers well above the foliage. Its flowers are very even in size and form. As a variety for cutting it has no equal among the cactus types; a noble Dahlia.
- DR. MUIR.** (1902)—Another new cactus Dahlia well worthy of a place in the front rank of any garden or catalogue. It originated with me the same year as the Dr. Gates, and from the same parent plant. A most remarkably free bloomer. Flowers are large and full, with petals curved and twisted, giving a fluffy effect to the flower. The plant is dwarf and bushy in habit. Color, apricot, shaded to orange bronze.

If in doubt send for both doctors.

**SPECIAL—38 Bulbs, one of each above Dahlias, including the Novelties, for \$4, postpaid.**

**DOLLAR COLLECTION—13 Dahlia Bulbs, no two alike, our choice, for \$1, postpaid.**

## GLADIOLUS.

No flower has gained more rapidly in public favor; it is easy to cultivate and almost sure to bloom. Thrives in almost any soil. In autumn take up dry and keep from frost.

We have made up a strictly "High Grade Mixture" which comprises many named varieties, including some of Lemoine's Seedlings. All large size bulbs. 4 for 30c., doz. 50c., postpaid, 100 \$3 by express.

**Second Size Bulbs of the High Grade Mixtures.** 4 for 15c., 12 for 40c, postpaid, 100 \$1.75 by express.

**Good Mixture.** Consists of a good assortment of sure to bloom bulbs. 5 for 15c., 12 for 30c, postpaid, 100 \$1.50.

**Light Colored and White Varieties Mixed.** Each 5c., 6 for 30c., 12 for 50c., postpaid, 100 \$2.75 by express.

When wanting Hyacinths, Tulips, Narcissus, etc., ask for Fall Bulb Price List.

All Bulbs priced on this page are sent prepaid, except where priced per 100 by Express.



Gladiolus.

TUBEROSES.



Tuberose.

Every lover of flowers admires the tuberose. We make a study to procure none but the pure dwarf variety of large spikes.

Double Excelsior Pearl Dwarf. First size bulbs, 3 for 15c., 12 for 50c., postpaid, 100 \$2.50 by express.

Second Size. Average size sold by most seedsmen. 6 for 25c., doz. 40c., postpaid, 100 \$1. by express.

TENDER BULBS, Bulbous.

*Amaryllis Johnsonii*. The old favorite, crimson colored, trumpet shaped flower, with white stripe on each petal. Each 35c., 3 for 85c.

*Amaryllis Formosissima*. The scarlet Mexican Lilly. Can be grown in water like Chinese Narcissus. Each 15c., 2 for 25c., doz. \$1.25.

BEGONIAS, Tuberous Rooted.

Are very easily grown and are almost sure to bloom. Are desirable for window conservatory or out door planting. They should be seen to be fully appreciated. Can usually supply in White, Yellow, Scarlet and Pink. Cultural directions are free with bulbs if asked for when ordering.

Single, Giant Flowering. Each 10c., \$1 per doz.

Double, Giant Flowering. Especially suited for pot culture in winter. Separate colors. Each 20c., 3 for 50c., \$1.75 per doz.



Begonia.

FOR SEED OF TUBEROUS BEGONIAS See page 44.



Cyclamen.

*CYCLAMEN PERSICUM*. A most charming flower for pot culture. Give an abundance of bloom for little care. Strong dormant bulbs, assorted colors. Each 25c., 4 for 75c.

Cyclamen are very easily cultivated from seed. Often very rare blooms are obtained from our seed. See page 44.

*CALLA*. This old favorite is always "in style." Our bulbs are California grown, extra large. Cannot supply after April 1. Each 2c., doz. \$2.

*SPOTTED CALLA*. Leaves are ornamental. The bloom smaller than the regular Calla. Each 15c., 4 for 50c., doz. \$1.25.

*CANNAS*. It is probable that no other summer flowering bulb has grown in popularity more rapidly in the last few years than the *Canna*. They are grand ornamental plants and the blooms are marvels in coloring. A bed of cannas in centre of lawn is without a rival for tasty landscape gardening. The assortment we have for this season contains many rare varieties.

Named varieties 15c. each, 4 for 50c., doz. \$1.25.

Unnamed Bulbs 10c. each, 3 for 25c., doz. 80c.

CALADIUMS.

Perhaps better known as *Elephant's Ears*. A very effective plant for outdoor planting where a tropical appearance is desired. The leaves often attain a length of 3 ft. and 1 1/2 ft. wide. With a little care they grow to enormous proportions. Good average size bulbs 15c., 3 for 40c. Mammoth bulbs 25c. each.

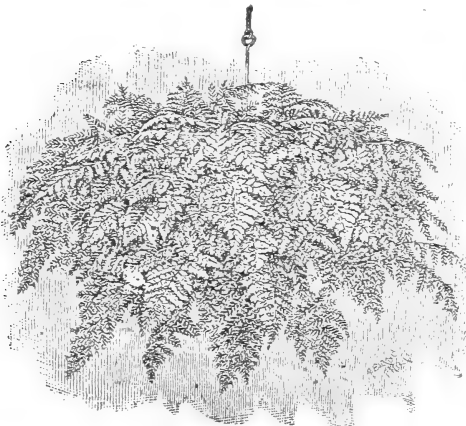


Calla

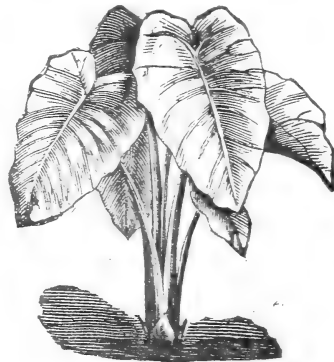
"MIKADO" FERN BALL, Imported from Japan.

These balls consist of Fern Root about the size of a pencil, woven outside and around a ball of moss. These roots produce beautiful sprays of ferns from eyes, or buds, at nearly every inch of their length. Thus the whole surface of the ball soon becomes covered with fern sprays. They may be suspended in any part of the room or grown on a stand or table. Cultural directions furnished with each bulb.

Bulbs are sent dry—dormant. Large size 50c., by mail 70c. Medium size 35c., by mail 50c.



"Mikado" Fern Ball.



Caladium.



Canna.

In July we issue a special Bulb Price List of Hardy Bulbs for fall planting. If you are interested send us your name and address on postal now, and we will enter same for this list when issued. It's FREE.

## GLOXINIAS.

**New Giant Flowering Hybrids.** Beautiful house plants of dwarf habit and easy culture. Flowers are trumpet-shaped with beautiful markings, shaded violet, rose, blue or crimson. One bulb planted in a 5-inch pot will make a magnificent show, and if planted at intervals will give a continuous bloom for a long period. Each 15c., 2 for 25c.



Gloxinia.

## Summer Flowering Oxalis.

Useful for bordering beds and also in hanging baskets.

**DIEPPI** is the pure white bell-like flowers.

**LASANDRA** is the rosy-pink flower.

Price, doz. 10c., 50 for 30c., postpaid.



Lilium Auratum.

## CHOICE HARDY LILIES.

Among this queenly flower there are many kinds which are not suited to our climate we have selected only those most sure to give satisfaction.

**LILIUM AURATUM.** The golden-headed Lily of Japan. One of the grandest in cultivation. Each 10c., 3 for 50c., doz. \$1.85.

**LILIUM SPECIOSUM ALBUM.** Pure white flower with greenish band through of each petal. Each 20c., 3 for 50c.

**LILIUM LONGIFLORUM.** Pure white flowers resembling Bermuda Easter Lily. Each 15c., 3 for 40c., doz. \$1.50.

**LILIUM TIGRINUM (Double Tiger).** An old favorite. Each 15c., 4 for 50c., doz. \$1.25.

**LILIUM CANDIDUM.** The old fashioned pure white garden lily. Supplied in Early spring and late fall only. Each 15c., 2 for 25c., doz. \$1.25.

**LILY OF THE VALLEY.** A bed or clump of these in a shady corner will thrive and bring you a wealth of fragrant blooms. 3 for 20c., 6 for 30c., doz. 50c. Large clumps 25c., by mail 35c.

**WHITE DAY LILY (Funkia Alba).** Has milky white flowers, three to four inches long. In very cold localities requires some protection through winter. Each 15c., 3 for 40c.

**YELLOW DAY LILY.** Produces large fragrant yellow flowers during July and August. Each 15c., 3 for 40c.



Lily of the Valley.

## Hardy Herbaceous Plants and Roots.

(Perennial and Biennial.)

No flower garden is complete without an assortment of the hardy plants that usually require very little care. They can often be tucked away in corners and odd places to come up each season with the opening of spring.

The prices named include postage. If we are privileged to ship by express at your expense we can usually supply much larger and stronger roots for the same price.

**ALLIUM (The Pearl).** Pure white flowers. Each 15c., 3 for 40c.

**ALBA JAPONICA (Spirea).** White blossoms. Each 25c., 3 for 65c.

**ANEMONUM NAPELLIS (Monk's Hood).** A beautiful tall plant, very suitable among rocks. Flowers dark blue. Each 15c., 3 for 40c.

**ANEMONUM SYLVESTRIS.** White flower on a bushy plant. Each 15c., 2 for 25c.

**ANEMONUM COERULEA.** The true Rocky Mountain Columbine. The beauty of this flower is appreciated only when seen wild in the mountains of Colorado. We make a specialty of collecting roots and furnish none but the true stock. We sell all parts of the United States. This flower is embodied in our trade mark on cover and catalogue. Large roots 20c., 3 for 50c. Medium size roots 15c., 2 for 25c.

**ANEMONUM PANICULATA.** In several varieties, including the Canterbury Bell. Each 15c., 3 for 40c.

**ANEMONUM LANCEOLATA.** Flowers are bright golden yellow. Each 15c., 2 for 25c.

**ANEMONUM (Bellis Perennis).** Can usually supply in mixed colors. 4 for 25c., 12 by express 40c.

**ANEMONUM SHASTA DAISIES.** Perfectly hardy and of easy cultivation. The flowers are large, large broad petals of pure white. 3 for 40c., 12 by express for \$1.

**ANEMONUM BIRD HEART or DIELYTRA.** The old favorite, heart-shaped flowers. Each 30c., 3 for 40c.

**ANEMONUM HINNIUM FORMOSUM (Perennial Larkspur).** A very graceful, tall growing plant, with long spikes of bright blue flowers. Each 15c., 2 for 25c., 3 for 40c.

**ANEMONUM DIANTHUS BARBATUS (Sweet William).** Continues in bloom most all summer. Large double flowers. Each 15c., 4 for 50c.

**ANEMONUM DIGITALIS (Foxglove).** A very ornamental plant, growing to about 3 feet high. Each 15c., 2 for 25c.

**ANEMONUM FORGET-ME-NOTS (Mycosotus Alpestris).** The low growing plants usually produce an abundance of the fragrant small blue flowers. 3 for 25c., 12 for 60c.

**ANEMONUM GAILLARDIA GRANDIFLORA.** Have a mass of blooms the entire season. Flowers are dark red-brown, with petals of orange or crimson. Each 15c., 3 for 40c.

**ANEMONUM GYPSOPHILA PANICULATA (Baby's Breath).** Small white flowers. Each 15c., 3 for 40c.

**Hollyhocks.** The handsome double varieties of this flower makes it a great favorite. This stock is grown by a man who makes a specialty of bulbs and shrubs. The flowers are equal to any. We have in stock Double White, Salmon, Pink, Yellow and Maroon. One year old roots. Each 15c., 3 for 40c., 6 for 70c.

**Hollyhocks.** A. BLANC

**Hollyhocks.**

**Hollyhocks.**

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**Hollyhocks.**

**Hollyhocks.**

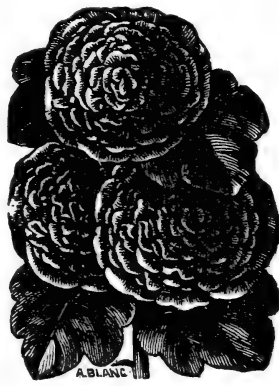
**Hollyhocks.**



Aquilegia Coerulea.



Bleeding Heart.



Hollyhocks.

**HELIANTHUS MULTIFLORUS PLENUS** (Dahlia Sunflowers.) Loaded with yellow flowers. Make excellent cut flowers. Each 15c., 2 for 25c.

## JAPANESE IRIS.

These magnificent Iris are among the most beautiful of our Summer flowering plants. They commence blooming about the middle of June and continue in bloom 5 or 6 weeks. Many of the flowers measure 8 to 10 inches in diameter. Our collection, imported from Japan, consists of the very choicest. We have a large assortment. Each 20c., 3 for 50c.

**IRIS, GEMANICA** (Flag Fleur de Lis). This is one of the most desirable early spring flowering plants. We usually fill orders with mixed colors. Each 15c., 4 for 40c.

**LYCHNIS CHALCEDONICA**. The well known Burning Bush. Bright scarlet. Each 15c., 3 for 40c.

## MONTBRETIAS.

The Montbretia is a half-hardy Mexican plant flowering freely from midsummer until frost. Flower-spikes are two feet in height, and flowers are very showy with their bright shades of glowing colors. Mixed varieties, 3 for 10c., 12 for 30c.



Iris.

## PAEONIES.

This grand old favorite is today one of the most popular flowers. The Japanese have always held them with esteem and have brought to us an endless variety of colors and forms of blooms. The plant is perfectly hardy and increases rapidly. The flowers come early and are very seldom attacked by disease. Assortment should be in every garden. Our roots are not small. We can furnish in Double of White, Crimson and Pink. Each 30c., 3 for 75c. When ordered by express we give extra large roots at the same price.

**POPPY** (Hardy Oriental). Large flowers resembling chrysanthemum, in a great variety of colors. Each 15c., 2 for 25c.

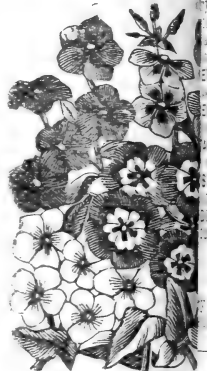
**PYRETHRUM ROSEUM**. Very attractive pink colored flowers. Each 15c., 2 for 25c.



Paeony.

## Early Flowering Hardy Phlox.

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in the Autumn. These new French varieties are of a growth, seldom attaining a height of over 12 to 18 inches. The immense flower heads often measure from 7 to 9 across with flowers as large as a silver dollar, and comprises all shades of color, vermilion to white. They delight sunny location and rich soil, but are by no means particular. Can usually supply four to six colors. Each 15c., 3 for 40c.



Hardy Phlox.

## Double Rudbeckia, Golden Glow.

This is decidedly one of the brightest and most showy among the hardy plants and one of the easiest culture possible, commencing to bloom in July and continuing until killed by frost. The plant is compact, growing from 4 to 7 feet high, producing numerous stems which are laden with double golden-yellow flowers, in size and general shape resembling a Cactus Dahlia. Excellent for cut flowers. Lasting well when cut. Each 15c., 2 for 25c. Large clumps 20c.

**PURPLE RUDBECKIA**. Entirely distinct from all other perennials in the peculiar formation as well as the color of the flowers, which are of large size, about 4 inches across, of a peculiar reddish purple, with a remarkably large cone-shaped centre of brown. Each 15c., 2 for 25c.

**TIGRIDIAS**. (Peacock or Shell Flower.) Extremely handsome summer-flowering bulbs growing about 2 feet high, producing large, gorgeous flowers, exquisitely spotted; they flower very freely throughout the Summer. Each 5c., doz. 50c.

## Hardy Shrubs for Lawns.

These plants are *too large to be mailed*, and must be sent by express. The mailing sizes are not satisfactory.

**AZALEA AMORENA**. A very beautiful hardy variety. Has crimson flowers of the most beautiful crimson color.

**AZALEA PONTICA**. This hardy variety produces flowers before foliage and is very suitable for lawn.

Price for each above Azaleas, 50c., by express.

**HONEYSUCKLE, TARTARIAN**. (Upright.) Forms a fine bush with creamy white flowers. Each 25c., 3 for 60c.

**HYDRANGEA PANICULATA GRANDIFLORA**. A most beautiful shrub, with immense panicles of bloom: white, fading to a light pink. The most popular shrub we have. Strong roots, 35c. each. Extra large, 50c. each.

**HIBISCUS (ROSE OF SHARON)**. Has large flowers, pink, magenta, white, with maroon. Each 50c.

**LILACS**. Grows freely in any soil. We have pure white, and the rose colored. Each 30c., 2 for 50c.

**SNOWBALL**. A shrub that needs no introduction. Our stock is choice two year old roots. Each 35c.

**SPIREAS**. The hardy spireas for lawn shrub very satisfactory. They bloom profusely. We have the popular varieties in two year old sizes. Each for \$1.

**MOCK ORANGE (PHILADELPHUS CORONA)**. Sometimes called Jessamine. Free flowering pure white. Has a Jessamine fragrance. Large 2 year stock 35c.

**SAMBUCUS AUREA (GOLDEN-LEAVED)**. Very striking in appearance and very robust. Each 35c.

## CLIMBING PLANTS

### FOR PORCHES, TRELLIS, ETC.

For best results the larger roots are cheaper. Most varieties the large sizes are two large for mail. Order the large express size.

**AMPELOPSIS VEITCHII** (Boston Ivy). The hardest vine possible for trailing to walls, buildings, etc. usually hardy, however some protection is needed. Two year old plants, by express, 25c.; small plants, mail, 20c.; 3 for 50c.

**BIGNONIA** (Trumpet Vine). An old fashioned climber, bearing trumpet shaped crimson-orange flowers. Large roots 35c. each by express.



## CLEMATIS.



Clematis.

**JACKMANII PURPLE.** Has rich, large, deep purple flowers, so much admired by all. Healthy two year old roots, first size, 75c., by express; second size, 50c., postpaid.

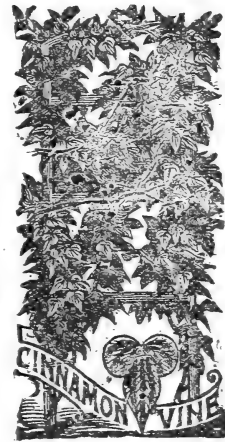
**JACKMANII ALBA.** Similar to Jackmanii Purple, except in color, which is a pure white. Each 50c., by express.

**MME. EDUARD ANDRE.** A new bright red. Large flowering and as free bloomer as Jackmanii. With slight protection it withstands winters in Colorado. Price, 50c. each, by express.

**MME. BARON VEILLARD.** Light rose with lilac shadings. A strictly handsome Clematis. Each 50c., by express.

**HENRYI.** Strong grower, flowers always eight-sepaled, four to six inches in diameter and pure white. Very hardy. Each 50c., by express.

**PANICULATA.** The flowers are medium size, pure white, born in immense sheets. Very fragrant. Hardy and of quick growth. First size roots 50c., by express; second size 35c., postpaid.



## CINNAMON VINE.

Very pretty vine to train around the window or on a trellis. In midsummer the plant is covered with a brilliant foliage and an abundance of fragrant flowers. It is also an exceedingly quick grower, having been known to reach a height of twenty feet in one season. Tender. Extra large roots 10c. each, 3 for 25c., doz. \$1. Second size, 2 for 10c., doz. 20c., 12 for 35c. All postpaid.

**HEYSUCKLE HALLEANA (Chinese).** Grows vigorously, with yellowish-white fragrant flowers. Large 2 year roots, postpaid. Second size roots 20c., 3 for 50c., postpaid.

**DEIRA VINE (Tubers).** While it grows most anywhere it does best in a warm, sunny location. Has a small flower. Foliage of waxy appearance. Tender, strong tubers 2 for 10c., doz. 40c., postpaid.

**WISTARIA.** A great climber, with dense clusters of purple, also some white flowers. Large roots 35c., by express. Smaller roots 35c. postpaid.

**WISTARIA TUBEROSA or TUBEROUS WISTARIA.** Has foliage and blossoms similar to ordinary Wistaria, though propagated by tubers. Perfectly hardy. 2 for 15c., 6 for 35c.

**WISTARIA DOBBINE.** An exceedingly popular vine for porches, arbors, etc. Is very hardy, clings readily. Each 15c., 3 for 45c., 12 for \$1.50.

## RESURRECTION PLANT.

Very interesting plant. Revives in water after any period of rest. See Novelties for illustration. Large plants, medium size 15c., small size 10c. by mail.

# Bedding and Summer Flowering Plants.

From 2-inch Pots. Ready from April 15th to June 15th.

Where priced by mail are prepaid. Where priced by express are not prepaid.

	BY MAIL.	BY EX.		BY MAIL.	BY EX.
	EACH.	DOZ.		EACH.	DOZ.
Adonis (Snapdragon), assorted colors.....	15c.	\$0 75	Pansies, from select seed.....	10c.	50
Adonis, Chinese and Japanese, var. asst. colors.....	10c.	60	Petunia, single Giants of California.....	15c.	75
Adonis, perpetual winter bloomers. Red.....	10c.	60	"    double fringed.....	15c.	75
Adonis, Scarlet, Variegated, etc.....	10c.	60	Phlox, Drummondii Grandiflora.....	10c.	60
Adonis, Marguerite, fine summer bloomers.....	10c.	60	Pinks, Chinese, double and single.....	10c.	60
Adonis, Pink, White, Red, New Yellow.....	10c.	50	"    Japanese Clove.....	10c.	60
Adonis, assorted varieties.....	15c.	75	"    Cyclops [Perpetual Pinks].....	15c.	75
Adonis, (true Rocky Mountain).....	15c.	1 25	Salvia Splendens [Scarlet Sage].....	15c.	75
double and single Hybrids.....	10c.	60	Stocks, Ten Weeks [Levkoyen].....	15c.	75
Antemum, Chinese and Japanese asst.....	15c.	1 00	Smilax.....	15c.	75
Feverfew, double White.....	15c.	75	Verbena, mammoth flowering.....	15c.	75
Bellis Perennis.....	10c.	60	Violets, Sweet English Double Blue.....	15c.	75
Shasta (Mammoth Flag).....	15c.	1 00	"    Single Blue.....	15c.	75
A. double.....	15c.	1 00	Hanging Basket Plants, in assorted varieties.....	15c.	75
"    single.....	15c.	75	<b>We also can furnish, BY EXPRESS ONLY, Decorative Plants</b>		
"    double, assorted colors.....	15c.	75	for the Parlor, such as:		
"    single.....	15c.	75	Palms [Kentia], from.....	\$1 50 to \$5 00 each.	
"    Lady Washington.....	20c.	1 50	"    [Latania], from.....	1 50 to 5 00 "	
"    Tropaeolium.....	15c.	75	Boston Ferns from.....	75 to 2 00 "	
"    Centaurea.....	10c.	60	Dagger " from.....	75 to 2 00 "	
"    English.....	10c.	60	India Rubber Plants from.....	1 50 to 5 00 "	
"    German.....	10c.	60	Larger plants of all sizes and description can be furnished on application.		
"    Crystal Palace, [Blue].....	10c.	50			
"    White and Pink.....	10c.	60			

## NEW EVERBEARING STRAWBERRY.

BELLE DE MEAUX.

Society that will bloom and bring fruit from May until in October. Will produce fruit the first season and come from seed. While not especially valuable to a fruit grower, is worthy of a trial. Pkt. 10c.

### KILL THE BUGS ON YOUR PLANTS WITH SULPHO-TOBACCO SOAP.

You are growing Vegetables for Market and purchase in quantities larger than priced in this Catalogue, you can save money by submitting us a list of your wants, for prices, before purchasing.



# Rose

## The Queen of Flowers

**THE HYBRID PERPETUALS** are by far the most satisfactory Rose for our Western country. They are distinguished for their vigorous growth, large, perfect flowers. We recommend them for permanent beds. planting care should be taken to set the plants deep, and to firm the soil around them where noted otherwise, 35c. each. **Dozen \$3.** Purchasers paying expressage. We furnish 2 year old, field grown plants, which must be forwarded by express. Price, as noted otherwise, 35c. each. **Dozen \$3.** Purchasers paying expressage.

**AMERICAN BEAUTY.** The well known favorite, of very large, deep, rich crimson.

**PAUL NEYRON.** Deep, shining pink. Flowers 3 to 5 inches in diameter. A strong grower.

**MAD. PLANTIER.** The best white rose for general use.

**CAPTAIN CHRISTY.** Produces beautiful blossoms of a delicate flesh color.

**GEN. JACQUEMINOT.** Rich, velvety crimson.

**MAGNA CHARTA.** A beautiful clear, rosy pink.

**PRINCE CAMILLE DE ROHAN.** A velvety crimson, and considered the darkest red that exist in roses. Called by some the Black Rose. Price for this rose 50c. each.

### HARDY CLIMBING ROSES, FOR PORCHES, ETC.

These are equally as hardy as the above. Price for field-grown plants, 3 to 4 ft. express, 35c. each, \$3 per doz.

**CRIMSON RAMBLER.** The Ramblers are considered the most wonderful of all climbing roses. The plants are often one mass of blooms. The foliage, a bright green, contrasts admirably with the bright crimson flowers.

**BALTIMORE BELLE.** Produces large double pale blush flowers.

**PAIRIE QUEEN.** A favorite. A bright red changing to a deep pink.

**GEN. WASHINGTON.** An old standard of pure white.

**SEVEN SISTERS.** Has clear pink in clusters of seven. Very rapid climber.

**RUSSELL'S COTTAGE.** Deep pink.

**TENNESSEE BELLE.** Rosy blush.

### NEW EVERBLOOMING CLIMBING ROSE.

**DOROTHY PERKINS.** New Rambler Rose. As hardy as Crimson Rambler and same habit of growth. The flowers are about one and one-half inches across; are borne in clusters of from two to thirty and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell-pink and holds a long time without fading. Ask for free lithograph of this rose. Price, each 75c., no small plants this year.

### MOSS ROSES.

These are still favorable where an assortment of roses are cultivated. Our stock is of 2 year old field grown, and are too large to be sent by mail.

**CRESTED MOSS.** Very large rose-colored flowers, heavily mossed.

**GLORY OF MOSSES.** Large rosy carmine.

**BLANCHE MOREAU.** Fine pure white.

**HENRY MARTIN.** Rich glossy, pink-edged crimson. Large plants 35c. each. \$3 per doz.

**English Sweet Briar.** The well known English sweet scented Rose. Suitable for fancy hedges. Large bushes 50c. each by express.

### TEAS AND HYBRID TEAS.

Although these are not hardy, with reasonable protection they survive our general winters. To meet honorable

competition for "Plants by Mail" we offer the following Roses in two size plants. The smaller size are good rooted stock and are large for mail, however we charge them postage paid. The large size are 2 year old stock, express, at purchasers expense.

Prices—small plants 15c. each, 3 for 40c., \$1.50 per postpaid. Large size 35c. each, \$3 per doz. by express.

**LA FRANCE.** The delightful fragrance of this rose is appreciated by all lovers of roses. This is the most perfect of roses. Color a delicate pink.

**BRIDESMAID.** A very large bloom of perfect full of clear rose pink.

**THE BRIDE.** The most popular white rose for flowering.

**SOUVENIR DE WOOTTON.** Bright magenta-red. Large and very sweet.

**PERLE DES JARDINS.** One of the finest yellow in cultivation.

**METEOR.** One of the best, as it blooms all summer rich, dark crimson.

## VEGETABLE PLANTS AND ROOTS.

We have increased our facilities in this line and can fill all orders very promptly. These plants are grown from our selected seed and thus you can depend on genuineness of the plants. The men in charge of the work use great care to produce strong, vigorous plants, and pack them properly. These prices do not include postage. We do not favor having them sent by mail as they are sure to damage when confined in a close mail pouch. If must be forwarded by mail add 6c. per doz., 25c. per 100 for postage.

**EARLY CABBAGE.** Winingstadt. Jersey Wakefield, ready May 1. Doz. 10c., 100 50c., 1000 \$4.

**LATE CABBAGE.** Hollander, Premium Flat Dutch, Winingstadt and Red Drumhead, ready in June. Doz. 10c., 100 40c., 1000 \$2.50.

**EARLY CAULIFLOWER.** Snowball, ready May 1. Doz. 20c., 100 \$1, 1000 \$8.

**LATE CAULIFLOWER.** Snowball, ready in June. Doz. 15c., 100 75c., 1000 \$6.

**TOMATOES.** Stone and Beauty, from seed bed, ready May 1. Doz. 10c., 100 50c., 1000 \$4.

**TOMATOES.** Stone and Beauty, transplanted, May 1. Doz. 15c., 100 75c., 1000 \$6.

**TOMATOES.** Stone and Beauty, in 3 inch pots, May 15. Doz. 50c., 100 \$4, 1000 \$30.

**PEPPERS.** Ruby King and Cayenne, transplanted ready May 15. Doz. 20c., 100 \$1, 1000 \$8.

**EGG PLANTS.** New York Improved Purple, transplanted, ready June 1. Doz. 35c., 100 \$2.

**EGG PLANTS.** New York Improved Purple, grown in 4 inch pots, ready June 1. Doz. 75c., 100 \$5.

**EARLY CELERY.** White Plume and Golden Self Blanking, ready May 15. 100 50c., 1000 \$4.

**LATE CELERY.** Giant Pascal, ready June 25, 100 1000 \$2.

**SWEET POTATOES.** Yellow Nansemond and Jersey, ready May 15. 50 25c., 100 40c., 1000 \$3.

**SWEET POTATOES.** Yellow Vineless and the Blanking, ready May 15. 50 30c., 100 50c., 1000 \$4.

Can quote special prices on large lots Cabbage and Celery in July.

When working in your garden use a good Trowel. Get our solid all-Steel Trowel. No. 309 6-inch, extra heavy, 40c. By mail

**ROOTS.**

**ASPARAGUS.** Good, 1 year old. By mail 10c. per dozen extra. Doz. 15c., 100 75c., 1000 \$5.  
**ASPARAGUS.** Good, 2 year old. By mail 15c. per dozen extra. Doz. 20c., 100 \$1, 1000 \$7.  
 Can supply Converter's Colossal, Palmetto and Columbia (ammoth White).  
**MINT.** The true old fashioned mint for seasoning. Per lump of roots 25c., by mail 35c.  
**RHUBARB.** Large Victoria and Early Linnaeus; cut 1 2 eyes to each clump. By mail 50c. per dozen extra. oz. 50c., 100 \$3, 1000 \$20.  
**HORSE-RADISH.** Cut 4 to 6 inches long. By mail 10c. per doz., 25c. per 100 extra. Doz. 10c., 100 60c., 1000 \$5.  
**CHIVES.** In bunch, sprouted. By mail 5c. each extra. bunch 15c., doz. \$1.25.  
**ARTICHOKEs.** True White Jerusalem. Lb. 10c., 3 for c. 25 lbs. at 3c., 100 lbs. \$2.50. Postage extra.  
**SAGE.** One year clumps. Each 20c. Postage 5c. extra.  
**TARRAGON.** Highly recommended for Tarragon vinegar. By mail 5c. each extra. Each 30c.

**STRAWBERRY PLANTS.**

Supplied in April and May, also in September. Jucunda, Captain Jack. All tied in neat bundles. Doz. c., 100 \$1, 1000 \$5. By mail 5c. per dozen, 25c. per 100 extra. Large quantities of Jucundas at special prices. When wanting Raspberry and Blackberry plants, also rape Vine Roots, ask us for prices.

**SPLENDID HONEY PLANTS**

For the Western Bee Keepers.

**CLEOME.** Known as Rocky Mountain Bee Plant. Is perfectly hardy, and after once sown will usually self-sow and increase rapidly. Has an attractive flower in shades of pink and crimson. Bees feed heavily on this. Oz. 20c., 1/4 lb. 50c., lb. \$1.50. We do not supply plants.

**DRAGON'S HEAD.** A neat upright perennial, with spikes of showy purple flowers, in bloom from June until in August. Are among the first for bees. Each 25c. \$2.25 per dozen by mail.

**PHACELIA (Tansy-Leaved).** The Russian Honey Plant. Can be had in bloom the entire summer season by repeated sowings. Pkt. 5c., oz. 10c., 1/4 lb. 30c.

**CATNIP.** While this is a common herb it is now very much in demand by Bee Keepers. Our seed is strictly fresh. Oz. 30c., 1/4 lb. \$1.00, lb. \$3.00.

Besides the above there are the following priced in separate parts of this catalogue:

- BORAGE.
- CLARKIA.
- BACHELOR'S BUTTON.
- SWEET MIGNONETTE.
- SWEET ALYSSUM.
- NIGELLA.
- WHITLAVIA.

**TREE SEEDS.**

Price by Ounce and Single Pound include Postage. No Premiums allowed on Tree Seed Orders.

Nurserymen buying in quantity should write for Nurserymen's Price List.

For timber claims on our prairies, would recommend to plant Black Walnut, Catalpa, Russian Mulberry, Ash, Box Elder, Wild Black Cherry, Honey and Black Locust.

Table Showing the Number of Plants or Trees to the Acre of Given Distance.

Dist. apart.	No. Trees.	Dist. apart.	No. Trees.
1 foot	43,500	9 feet	567
1 1/4 feet	19,360	12 "	302
2 "	10,890	15 "	193
2 1/2 "	9,960	18 "	134
3 "	4,840	21 "	98
4 "	2,722	24 "	75
5 "	1,722	27 "	59
6 "	1,130	30 "	40

**FRUIT SEEDS.**

**APPLE.** Apple seeds do not reproduce the same varieties, but an inferior though hardy stock. Upon the stock thus raised from the seed are grafted or budded the cuttings of such varieties as are desired. The seed can be sown in good soil, any time during the winter in the north, or early in the spring in the north, in rows eighteen inches apart. If the seed is planted in the spring, it must be frozen, which can be done during the winter by placing layers of seed in the boxes and covering with sand and exposing them to the cold, freezing weather. After sowing, the seed must not be allowed to become dry, or any will be spoiled if deprived of all moisture.

American Apple, lb. 50c. } For large quantity ask for prices.  
 French Crab Apple, lb. 50c. }

**MAHALEB CHERRY.** The remarks regarding apples are applicable to cherries. This variety is considered the best stock upon which to graft the choicest sorts. Oz. 10c., lb. 60c.

**MAZZARD CHERRY.** Another variety used extensively for grafting. Oz. 10c., lb. 60c.

**PEAR.** Sow the seed thickly in the spring in drills eight inches apart. The soil should be deep—a rich, moist soil is most suitable. The value of the stock depends largely on a rapid and vigorous growth the first season. Oz. 25c., lb. \$2.

**QUINCE.** Quinces generally produce the same variety of seed, but occasionally vary. The stock is most used for budding and grafting the pear. The culture from seed the same as for apples. Oz. 20c., lb. \$2.

**MYROBOLAN PLUM.** The direction given for apples will apply to plums, except the pits should be planted rather apart in the row. Oz. 10c., lb. 60c.

**GERMAN PRUNES.** Treated same as preceding. Oz. 10c., lb. 60c.

**PEACH.** Peach stock are raised by planting the stone one or three inches deep in the fall. If the stones are packed they are more sure to grow. The after treatment about the same as for apples. Lb. 20c., 10 lbs. 75c., per 50 lbs. by freight \$4.

**SMALL FRUIT SEEDS.**

CURRENTS, GOOSEBERRY, RASPBERRY, STRAWBERRY AND BLACKBERRY. Pkt. 10c., oz. 70c.

New and rare varieties of small fruits are often obtained on planting seed; however the seed does not produce the same variety.

**EVERGREENS.**

**ARBOR VITÆ, AMERICAN WHITE CEDAR.** An evergreen of great value for ornamental hedges. Its timber is exceedingly durable, lasting a hundred years in exposed situations without showing any signs of decay. Oz. 20c., 1/4 lb. 60c., lb. \$2.

**RED CEDAR.** Grown in all sections, very valuable timber, a fine ornamental tree. It has become a fact that no other evergreen will stand the dry, hot winds of Nebraska and western Kansas, equal to the Red Cedar, and for wind-brakes around the farm house and stock yards, as well as serving the double purpose of fence posts, the Red Cedar is invaluable; also being symmetrical in growth and readily shaped with the shears, it is one of the most beautiful yard trees. After properly planting out the Red Cedar, it requires less care and will stand more neglect than any other evergreen. Oz. 10c., 1/4 lb. 30c., lb. \$1.

**ROCKY MOUNTAIN EVERGREENS.**

We make a specialty of collecting from the Rocky Mountain districts. Parties intending to purchase quantity will do well to write us for prices.

**PICEA PUNGENS (Colorado Blue Spruce).** A most desirable conifer, with silver foliage, for lawns. From selected blue trees only. Oz. 35c., 1/4 lb. \$1, lb. \$3.50.

**PICEA ENGLEMANNII (Englemann's Spruce).** Similar to Colorado Blue Spruce. Oz. 50c., 1/4 lb. \$1.50.

**ABIES DOUGLASSII (Douglas Spruce).** Rapid growing and ornamental, of pyramidal habit. Oz. 40c., 1/4 lb. \$1.

**ABIES BALSAMEA (Balsam Fir).** Its growth is regular, symmetrical and rapid, assuming the conical form when young. Oz. 20c., 1/4 lb. 60c.

**ABIES CONCOLOR (Colorado Black Balsam).** Oz. 20c., 1/4 lb. 60c.

**PINUS PONDEROSA (Yellow Pine).** Grows to enormous size, with luxuriant foliage. Oz. 25c., 1/4 lb. 75c.

**PINUS STROBUS (White Pine).** A valuable timber tree. Oz. 20c., 1/4 lb. 60c.

**SILVER CEDAR.** A native variety of cedar, of silvery foliage. Oz. 20c., 1/4 lb. 60c.

**JUNIPERUS MONSPERMA (Dwarf Juniper).** A very hardy trailing evergreen. Oz. 20c., 1/4 lb. 60c.

## DECIDUOUS TREES.

**WHITE ASH.** This is one of the most valuable varieties for forest planting. It is adapted to a wide range of soil and climate. Its growth is extremely rapid, often obtaining a growth of six feet in a single season. It is one of the earliest varieties to transplant or grow from seed, requiring no more care or skill than the ordinary crop of white beans or Indian corn, with the exception that the seed usually lies dormant the first season, but is sure to grow the next year if the ground is not disturbed. Oz. 10c., lb. 60c.

**AILANTHUS, TREE OF HEAVEN.** Introduced from Japan. It has been quite extensively planted in our western states, and is noted for its extremely rapid growth. It grows to large size, and the foliage has a rich tropical appearance. Oz. 10c., ¼ lb. 20c., lb. 60c.

**MAPLE, ASH-LEAVED or BOX ELDER.** A medium sized tree of extremely rapid growth, not usually attaining a height of over thirty feet. The wood is close and fine grained. Oz. 10c., lb. 50c.; 5 lbs. or more not prepaid at 30c. per pound.

**BASSWOOD or AMERICAN LINDEN.** A large tree of rapid growth; wood soft and white; lumber valuable. The foliage is luxuriant and the flowers produce honey in great abundance. Oz. 10c., lb. \$1.

**HARDY CATALPA.** Of all the trees that have been suggested as adapted to the formation of timber plantations, the Catalpa Speciosa stands pre-eminent. Its exceedingly rapid growth; its adaptation to almost all soils and situations; its wide range of latitude, extending from Canada to the Gulf of Mexico; its extraordinary success on the western and northwestern prairies; the ease and certainty with which it is transplanted; the strong vitality and freedom from disease and insects; the incomparable value of its timber; the most imperishable nature of the wood when used for posts, railroad cross ties, and in other exposed situations, to say nothing of the handsome appearance of the tree, and the unrivaled beauty of its flowers, all point to the Catalpa as the tree to plant. Oz. 10c., ¼ lb. 25c., lb. 80c.

**TEA'S JAPAN HYBRID CATALPA.** A new variety of wonderfully rapid growth, surpassing any other hardy tree. Most valuable and durable timber; very large, handsome foliage and beautiful flowers. Magnificent shaped tree. Endures extreme heat or drouth. Oz. 10c., ¼ lb. 30c., lb. \$1.

**COTTONWOOD.** A very quick growing tree, will grow anywhere, lumber not very valuable. Oz. 10c., ¼ lb. 30c., lb. \$1.

**WHITE ELM.** It is the largest of the native Elms, often growing to the height of eighty feet. The wood is tough and valuable. It is well worthy of cultivation, both for its wood and ornament. Oz. 20c., ¼ lb. 50c., lb. \$1.50.

**EUCALYPTUS—BLUE GUM.** Remarkably quick growing, especially adapted to southern states. It absorbs malaria and fever germs. Does best when started in small pots, then transplanted to open ground. Pkt. 10c., oz. 35c., ¼ lb. \$1, lb. \$3.

**YELLOW or BLACK LOCUST.** This variety is noted for its rapid growth of hard and durable timber. It is hardy and succeeds well in many parts of the country, while in some localities it proves a failure. It is worthy of a trial in any locality where it has not already been tested. Oz. 10c., lb. 60c., 5 lbs., not prepaid, \$2.

**HONEY LOCUST.** This is a large and handsome tree; the trunk and branches generally beset with long and formidable spines, on which account it has been employed as a hedge plant. The wood is heavy and affords excellent fuel, but is not considered durable as timber. Has done well in our state wherever planted. Seeds ought to be soaked before planting. Oz. 10c., lb. 60c., 5 lbs., not prepaid, \$2.

**SUGAR MAPLE.** This is one of our highly prized native trees. While other sorts are wanted for special purposes, the Sugar Maple is a general favorite, and no collection would be perfect without it. It is the great sugar tree of America, and its yearly product of sugar and syrup amounts to over \$10,000,000 in value. It succeeds well in all soils and locations, making a stout, vigorous, rapid growth of hard wood, most valuable for fuel, and highly prized for manufacturing purposes. Oz. 10c., ¼ lb. 30c., lb. \$1.

**SOFT or SILVER-LEAF MAPLE.** One of the most beautiful of maples. Is being extensively planted in forests, on account of its extremely rapid growth. Its wood is quite soft and light, and the branches are often broken down by the action of the wind and storm. The seed ripens in May, and cannot be kept over until fall and retain its vitality; hence it should be sown as soon as possible after it is taken from the tree. Single pound 35c. Can give prices for quantity in May.

**PERSIMMON.** Tree hardy. Wood very hard and fine grained. It bears plum-shaped fruit, which is very aromatic when green, but edible when fully ripe. Oz. 10c., ¼ lb. 30c.

**RUSSIAN MULBERRY.** Said to be the most valuable variety for our climate. It is largely planted by the Menonites in the Arkansas Valley, mostly for silk culture. It is easily cultivated, hardy, a good grower, and if kept in dwarf form will make a fine hedge. The berries of the Russian Mulberry are edible. The trees make good fence posts after five years' growth, and also makes splendid lumber for cabinet work. Pkt. 5c., oz. 25c., ¼ lb. 75c.

**OSAGE ORANGE.** A native from Texas, but has been generally introduced over the country from its extensive employment as a hedge plant. The best way to prepare the seed for planting is to soak in a running creek until it commences sprouting, then plant like any other seed. Another way to sprout it is by putting it in a vessel, and covering it daily with warm water, until the sprouts come up. We prefer the first method. Proper time to sow is in April or May. Pkt. 5c., oz. 10c., ¼ lb. 15c., lb. 50c.

**PAW-PAW.** Too small for any value for timber, but makes a fine ornamental tree, and is also cultivated for its fruit, which resembles the Banana in form and color and when fully ripe is very delicious. Oz. 10c., ¼ lb. 30c.

**BLACK WALNUT.** One of our most valuable varieties for timber planting. A very large tree of rapid growth. It delights in rich soil and luxuriates in our prairie loams or timber-land clay. Its lumber has a very high market value, and is becoming very scarce. The nuts are a well known article of commerce. Lb. 20c., 10 lbs., not prepaid, 65c.

**SHELL-BARK HICKORY.** This species becomes a lofty tree, eighty feet high, with a diameter sometimes of two feet. It furnishes most of the hickory nuts of commerce. Lb. 20c., 10 lbs., not prepaid, 75c.

**BUTTERNUTS.** A tree much admired for its timber and also produces a desirable edible nut. Lb. 20c., 10 lbs., not prepaid, \$1.

**TREE CRANBERRY or SNOW BALL.** Small tree or shrub. Is ten or twelve feet high at maturity, and produces its showy flowers in large balls or masses in June. Pkt. 5c., oz. 25c.

**LILAC.** Well-known flowering shrub; highly ornamental. Pkt. 5c., oz. 25c. Seedlings usually furnish blossoms of varied colors.

**Vaughan's "Perfection" Pruning Saw**  
Made of best steel with adjustable blade, so any branch can be easily removed and close to trunk of tree. Can be



used as a hand saw or fastened to any sized pole. The best saw on the market. Each \$1.85; extra blade, 25c.

**Pruning Shears.** Cronk & Carriers' best steel 8-inch. Each 75c.

**Long Handle Shears.** Twenty-two inch blades. \$1.25. long, best steel

## Budding Knives.

Imported, black handle, with ivory handle, 85c.; by mail 90c.

Plain, solid, with wood handle, steel blade, 25c.; by mail 30c.

## Waters' Tree Pruners.

We sell many of these and find no other long handle pruner to equal it. Eight-foot pole, complete, \$1.00; ten-foot pole, complete, \$1.25.

## Pruning Knives.

English. Ivory handle, \$1.25; by mail \$1.30.

Plain, solid wood handle, extra heavy, 65c.; by mail 75c.





# CLOVER SEEDS.

Prices subject to fluctuations. Postage 8c. per pound extra. Market prices on application. Ask for special circular and price list "Grass and Field Seeds."

We pay particular attention to this department of our business. These seeds are selected with special reference to their quality. Purchasers may rely upon our best exertions to furnish Grass and Field Seeds fresh, pure and free from noxious and foreign seeds. Our Red Clover, English Blue Grass and Timothy is mostly Kansas grown, the Alfalfa Colorado grown, all re-cleaned by best machinery to make it choice.

On account of the early publication of this Catalogue we cannot make prices on Clover, Grass and Field Seeds. These are market articles, and prices are subject to variation, but purchasers may depend on having them at the prices ruling from store that date, and of the best quality, and that we will always send as much seed as the money received will pay for. Market prices of the day or special prices on large lots cheerfully given on application. Express or Freight charges always to be paid by the purchaser, except if sufficient money is sent to prepay postage, eight cents per pound. Two bushel bags twenty cents each extra.

## RED CLOVER.

This species is regarded by far the most important of the whole genus for the practical purpose of agriculture, being valuable not only as a forage plant, but also for its fertilizing properties on the soil. It has very long and powerful tap-roots, and when these roots decay they add largely to that black mass of the matter called soil. As a forage plant it makes an excellent quality of hay, and can be cut at least twice a year. Sow twelve to fifteen pounds to the acre. Lb. 20c., 10 lbs. \$1.75.

## MAMMOTH or SAPLING CLOVER.

Compared with common Red Clover, its flower, foliage and stem are of a darker color. It is valuable when sown with other grasses for mixed hay, as it ripens later than the common Red Clover, and about the time that Timothy, Orchard and other grasses ripen, thereby making the hay a much better quality. Being a very rank grower, it is coming into very general use for soiling purposes. Sow twelve to fifteen pounds to the acre. Lb. 20c., 10 lbs. \$1.75.

## ALSIKE or SWEDISH CLOVER.

This Clover comes from the little province of Alsike in Sweden. It is one of the hardiest varieties known; being perennial and absolutely refuses to winterkill, it is alike capable of resisting the extremes of drouth or wet. It is a great favorite with bee raisers and its flowers have a sweet and agreeable odor, and afford very excellent forage for bees. Sow five to eight pounds to the acre. Lb. 25c., 5 lbs. \$1.

## WHITE DUTCH CLOVER.

An excellent pasture clover, forming, in conjunction with the Kentucky Blue Grass, the finest and most nutritious food for sheep and cows. Much admired in lawns. Sow five to eight pounds to the acre. ¼ lb. 10c., 1 lb 35c., 3 lbs. \$1.

## CRIMSON CLOVER.

This is an annual variety, in common use in Italy and the south of France for feeding green. It is also grown largely and successfully in Virginia, where it is called "German Clover," and we think it would do well here in our Western States. It is from two to four weeks earlier than Red Clover, and for this reason very desirable. The yield in fodder is immense, and, after cutting, it at once commences growing again, and continues until severe cold, freezing weather. It grows about one foot high; the roots are nearly black; leaves long; blossoms long, pointed and of a very deep red, or carmine color. Makes good hay. Sow in the fall in the southern country, fifteen pounds per acre. Lb. 15c., 4 lbs. for 50c.

## WHITE BOKHARA or SWEET CLOVER.

This is a tall, shrubby like plant, growing to the height of four to six feet, with branches whose extremities bear numerous small white flowers of great fragrance. It should be sown in spring, in drills twelve to sixteen inches apart; ten pounds will sow one acre. Lb. 25c., 5 lbs. \$1.

## ALFALFA CLOVER or LUCERNE.

The most valuable forage plant, is particularly adapted for our western climate and soil. It requires a deep, mellow soil; newly broken sod does not do so well. It thrives best on a sandy loam, the richer the better, while it has not proved a success on heavy, compact, clay soil. In the driest and most sultry weather, when every blade of grass withers, Alfalfa is as fresh and green as in the spring, as its roots go down from ten to twenty feet to the moisture of the ground. Although a prodigious yielder it does not exhaust the soil, but rather improves the ground by the decay of its long roots, and converts it into rich ground, full of vegetable matter. The seed may be sown early in the spring, as soon as the frost is out of the ground, in order to catch the spring rains, as it needs moisture to germinate. In localities where irrigation is used it can be sown successfully at any time during the summer months. Most of our successful Alfalfa growers prefer sowing the seed broadcast, while others are more in favor of drilling it in. It is more difficult to establish the first year, but will, when once started, produce a profitable crop; under favorable circumstances three and even four crops are cut yearly, aggregating five to seven tons to the acre. Never sow less than twenty-five pounds of good clean seed to the acre. as thin sowing produces thick and coarse stalks, not relished by stock. If intended to raise Alfalfa for the seed twelve to fifteen pounds is plenty to sow on one acre. It is worthy of trial in any locality where it has not already been tested. Lb. 25c., 10 lbs. \$2. Ask for latest prices when quantity is wanted.



Alfalfa Clover.

## ESPARSETTE or GERMAN CLOVER.

This is a leguminous plant, with many stems from two to three feet long, straggling tapering smooth; leaves in pairs of pointed oblong leaflets, slightly hairy on the underside; flower stalks higher than the leaves, ending in a spike of crimson or variegated leaves, succeeded by flat, hard pods, toothed on the edges and prickly on the sides; roots perennial, and hard and woody; flowers in July. It belongs to the same family as the Alfalfa, well known to all our Western people. It is adapted for light, chalky soil, sands, gravels and barren regions, where the rainfall is not plenty and irrigation not obtainable. It is not as long lived a plant as Alfalfa, but will last from ten to twelve years, according to nature of the soil, by judicious top dressing of manure in the fall, the duration may be extended a few years. It is an excellent forage plant, and improves the quality and increases the quantity of milk when fed to milk cows. We would advise early and heavy seeding, and the firming of the soil after planting with a roller, seed ought to be sown about two inches deep. Sow 30 to 40 pounds per acre. Lb. 20c., 10 lbs. \$1.75.



Red Clover.

**TURKESTAN ALFALFA.**

We have imported, this season a limited quantity for those who wish to make a trial. It is claimed to be more hardy enduring extreme cold and a wonderful drouth resister.  $\frac{1}{4}$  lb. 15c., lb. 40c. For larger quantities see latest price list.

We have men in our employ who make a study of grasses adapted to our Western country. Write us about your soil.

**GRASS SEEDS.**

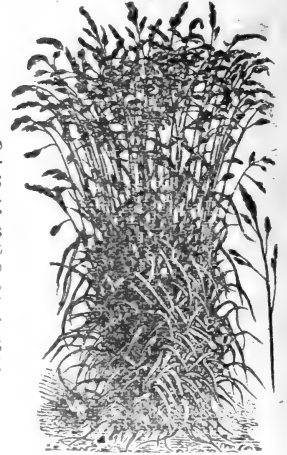
Add postage when small lots are wanted by mail.

**MEADOW FESCUE or ENGLISH BLUE GRASS.**

Grows two to three feet high, but never in large tufts like Orchard grass. One of the earliest, most nutritious and productive grasses. It is especially suitable for permanent pasture; thrives well in all soils, but to best advantage on moist lands. Makes good hay, and cattle thrive well on it, whether dry or in green state. It succeeds well even in poor soil, and, as its roots penetrate the earth twelve or fifteen inches, it is not affected except by exceedingly dry weather, and is as valuable a fertilizer as clover. It is one of the hardiest grasses after a good stand is secured; it will stand more freezing than any other variety. It yields an abundant crop of seed. Notwithstanding its acknowledged merits, this grass has been sown only to a limited extent in this country. It is deserving of much more attention than it has heretofore received from our western farmers. Sow fifteen to twenty pounds per acre in spring. Lb. 15c., 8 lbs. \$1.



Meadow Fescue.



Orchard Grass.

**ORCHARD GRASS.**

No farmer should be without a small field of Orchard Grass as in many respects it is superior to all other grasses. It stands the drouth, grows well in the shade, does well in wet or poor ground, and is splendid to prevent worn-out fields from washing. This grass furnishes excellent pasturage three weeks before any other and after close grazing ten days rest is sufficient for another growth. Cows fed on this will produce more and richer milk than on blue grass. It makes a very heavy sod, and when well set remains for many years. It is especially adapted for winter grazing, as it remains green all season. Is well suited to sow mixed with alfalfa, on average of 12 lbs. orchard to 8 lbs. alfalfa seed. Sow 20 to 25 pounds an acre. Lb. 25c., 5 lbs. \$1.

**KENTUCKY BLUE GRASS.**

The Great American Grass. The Standard for Lawns. Our "COLUMBINE" Grade is the Purest Obtainable.

The old standard grass for pasture as well as lawns. Every farmer knows it and its good qualities. An old "Blue Grass farmer," of central Kentucky, says about it: "Whoever has limestone land has Blue Grass; whoever has Blue Grass has the basis of agricultural prosperity, and that man, if he has not the finest horses and cattle has no one to blame but himself. He can hardly avoid doing well if he tries." Sow about twenty-five to thirty pounds to the acre for meadow, for lawns sixty-five to eighty pounds per acre. Fancy, clean seed, lb. 20c., 6 lbs. \$1, 100 lbs. \$12.

**CREEPING BENT GRASS.**

Especially recommended for lawns at country homes where depending on irrigation. It flourishes where but little moisture. Also good on terraces and sloping ground. Lb. 25c., 5 lbs. \$1.

**BERMUDA GRASS.**

This plant has long been naturalized in the southern states. While it is tender to freezing, it resists dry, hot weather, and consequently is a valuable grass to grow over and bind the most arid and loose lands, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay crop; time of sowing, April to June. Used for lawns in the south as it runs over the ground forming a dense turf. Sow 3 to 5 pounds per acre.  $\frac{1}{4}$  lb. 35c., lb. \$1.10, prepaid.

**The "Denver" Fancy Mixed Lawn Grass Seed.**

We have made the subject of Lawns a study for many years and this mixture has been prepared and sold by us in all parts of the country, giving general satisfaction. In making a lawn great care should be taken to use only the very best quality of suitable lawn seed so as to produce a SOFT, VELVETY, EVERGREEN SOD.

**HOW TO MAKE A LAWN.**

The ground should be spaded deeply and thoroughly, and a good compost of decomposed and finely pulverized manure or rich loam spread over the ground. It would be well, also, to give a sprinkling of bone dust. Then use a slanted tooth harrow and a light or medium roller until the soil is smooth, even and firm. Then sow the seed and harrow again and smooth off with a common garden rake. When the grass has grown two or three inches in height, use the lawn mower gauged to cut full one inch above the ground; repeat the same as often as it grows to that height. The weeds and foul grass can be kept down and destroyed by the repeated mowing. If this is neglected they will spread and take possession of the soil, but being constantly clipped, the leaf and seed stalks are destroyed and the foul vegetation disappears.

As a guide for the proper quantity to order, we may state that one pound of Fancy Mixed Lawn Grass Seed is sufficient to thoroughly sow an area of ten feet by fifteen feet—150 square feet; or to cover an acre 65 to 80 pounds will be required. It should be borne in mind that, in order to produce the best results, grass seed for lawns should be sown at least twice as thickly as if sown for hay.

Price "Denver" Mixed Lawn Grass.  $\frac{1}{2}$  lb. pkg. 15c., lb. pkg. 25c., 5 lbs. for \$3c., 5 lbs. for \$1, 25 lbs. @ 18c. \$16 per 100 lbs. If by mail postage must be added at 8c. per pound.

As soon as the grass has become well established a dressing of good Lawn Fertilizer is necessary to keep up that beautiful fresh appearance. Our little booklet, Green Velvet, tells all about it. Its free. See page 70, about Fertilizers



## GRASS SEEDS—Continued.

### GRASS SEED MIXTURES—For Meadows and Pastures.

It is a well-ascertained fact that a thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early, and others so late, that from the beginning of spring until winter sets in there is no time when one species or another is not at its best.

**The Premier Broadcast Hand Seeder Sows any kind of Grass or Grain Seed. Price \$1.50.**

#### TIMOTHY.

As a crop for hay, Timothy is probably unsurpassed by any other grass. It is greatly relished by all kinds of stock, especially horses; yields more nutritive matter than any other grass or forage plant. Being an early grass, it is well adapted to spring and summer grazing, and if the fall season is favorable it will grow sufficiently to furnish good fall grazing too. Sow ten to twelve pounds to the acre. Lb. 10c., 12 lbs. \$1.

#### PERENNIAL RYE GRASS.

A highly esteemed grass in Europe, either for pasture or lawns. It has been more or less cultivated in this country, and has done well wherever tried. Sow early in spring for pasture twenty-five to thirty pounds to the acre. Lb. 15c., 8 lb. \$1.

#### RED TOP.

A valuable grass for moist soils. 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. It has been grown successfully even on "alkali" bottom lands, where other grasses failed. Sow 15 to 20 pounds to the acre. Clean seed, lb. 15c., 8 lbs. \$1.

#### Tall Meadow Oat or Evergreen Grass.

The roots of this grass descend deeply into the subsoil, enabling it to withstand a protracted drouth, and it is green all seasons of the year. Its early growth in spring makes it equal to rye for pasture. It grows quickly after mowing, giving a denser and more succulent aftermath than any of the present popular tame grasses. Sow broadcast twenty-five to thirty pounds of seed to the acre. Lb. 30c., 4 lbs. \$1.

#### ITALIAN RYE GRASS.

In the nutritive value, earliness and quickness of growth after it has been mown, it far surpasses the Perennial Rye Grass. It is therefore, indispensable for alternate husbandry; but it does not last over two years, it is of no use in permanent pastures. The soil best adapted to Italian Rye seems to be those that are moist, fertile and tenacious, or of a medium consistency, and on such soil it is said to be one of the best grasses grown to cut green, affording repeated luxuriant and nutritive crops. Sow thirty to forty pounds to the acre, Lb. 15c., 8 lbs. \$1.

#### JOHNSON GRASS.

We find this grass winter-kills in the northern states. In the extreme southern part of this state and the southern states it does well. A perennial, a rapid grower, long, cane-like roots; the leaf, stalk and panicle of this grass resembling those of Sorghums. It grows on any land where corn will grow, and like corn, will bear heavy manuring, yielding richly in rich ground. In fact the richer the land the better the crop. Twenty-five to thirty pounds will sow an acre. Lb. 20c., 8 lbs. \$1.

#### Bromus Inermis or Hungarian Brome Grass.

A Wonderful Drouth Resister. A Grass for the Stock Raiser. All Cattle Like it. Will drive out Russian Thistle, also Black Mustard.

(Extract from Bulletin of South Dakota Experimental Station.)

While there are other grasses that give a better quality of hay than does smooth brome grass, we have grown none at this station that has given as good returns one year with another. The grass has given paying crops every year for the past five seasons. The yield of seed is good, the hay is of good quality, though coarse when growth has been rank, and the grass promises well for use in permanent pastures. All kinds of stock eat it readily. Immediately after cutting, a fine growth of aftermath springs up which with proper care affords excellent fall and early winter grazing. In fine it possesses more of the qualities necessary for good all around plant for permanent pastures and meadows than any other grass grown on the station farm up to the present time.

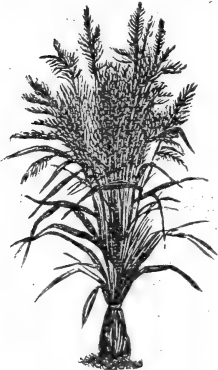
The U. S. Experiment Station at Garden City, Kan. says: We have grown Bromus Inermis successfully, and we think it is the coming grass for the arid regions of the west. It is green from the middle of March to about November."

Prof Shaw, of Minnesota, pertinently says: "This grass cannot be obtained too soon by farmers of the northwest."

(Concluded on next page.)



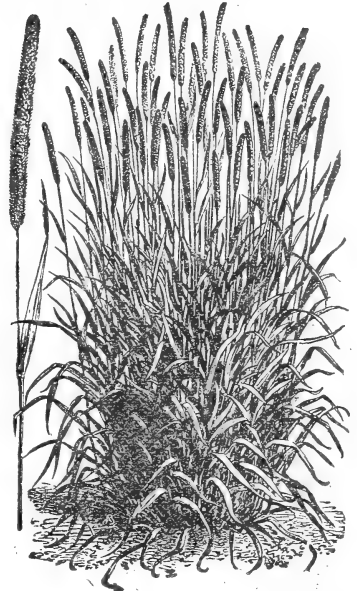
Red Top.



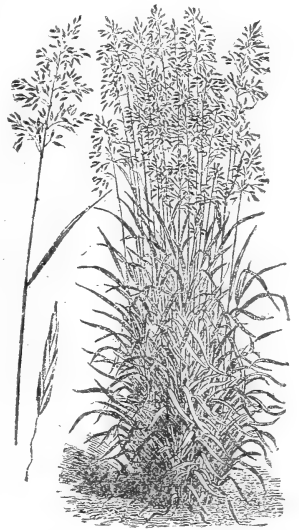
Johnson Grass.



Tall Meadow Cat Grass.



Timothy.



Hungarian Brome Grass.

**Bromus Inermis or Hungarian Brome Grass.—Continued.**

Sow 15 to 25 lbs. per acre, in either fall or spring. Its nature is to stool out and thus does not show its nest until the second season. It seldom produces seed the first year. Aside from Alfalfa no grass has fulfilled the promises to our western farmers better than the Bromus Inermis. It meets drouth as well as wet and cold, and for Colorado we know of no grass to equal it. Many of our large ranchers are planting it extensively.

For more particulars ask for special circular. Lb. 20c., 6 lbs. for \$1, 25 lbs. @ 13c., 100 lbs. \$12.

When sowing Brome Grass in quantity get the Thompson Wheelbarrow Seeder.

# MILLETS AND FORAGE PLANTS.

## GERMAN MILLET.

No other grass or forage plant has been able to produce the enormous yield of this plant. It has produced from four to five tons of hay to the acre, and from seventy to eighty bushels of seed. It is sown in the spring on newly broken prairie, and after harvesting it leaves the ground in the finest condition for wheat. Sow twenty-five to forty pounds to the acre. Lb. 10c., 10 lbs. 50c.

## COMMON MILLET.

It is an annual grass, with tender, juicy and luxuriant leaves, much relished by all kinds of stock; makes good hay. Sow twenty-five to forty pounds to the acre. Lb. 10c., 10 lbs. 50c.

## NEW SIBERIAN or RUSSIAN MILLET.

Is claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree, all the essential merits of any of the older sorts,—exceeding them by far—besides many other points of excellence that distinguish it and render it a most valuable addition to the list of forages, and if the claims are well founded, destine it to take front rank, if not lead all the rest. The claims made by its introducers are that it is from two to three weeks earlier than the German Millet, is a much heavier cropper, that the hay is much finer, stalks more elastic and growing much taller, that it is rust proof, that chinch bugs do not relish it, and being of stooling habit, requires much less seed per acre. You should try it. 10 lbs. for 50c., 25 lbs. for \$1.

## MANITOBA or HOG MILLET.

The seed is very rich and thus especially valuable as a hog food. A very much prized peculiarity of this millet is that the seed ripens while the stem is yet green, thus if cut promptly can be threshed for the seed, while the hay after being threshed will make excellent fodder. Sow same as other millet. Lb. 10c., 10 lbs. 50c.

## PENCILARIA.

Immensely productive—95 tons per acre.

A native of Central America. It is an annual plant, having long, broad foliage, and, if allowed to develop fully, will attain a height of from 10 to 12 feet and bears numerous heads from 18 to 20 inches in length and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed from four to six times, according to the latitude, and yields several tons of dry Hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. For feeding it is equal to any fodder, and is relished by all kinds of stock, either green or dry. ¼ lb. 25c., 1b. 80c. postpaid. 5 lbs. not prepaid at 50c. lb.



New Siberian Millet.



Pencilaria.

Thompson's  
Wheelbarrow  
Grass Seeder,



will sow a great variety of seeds. Price complete \$8.

This is the only seeder that will successfully sow the Hungarian Brome Grass. It will pay for itself in a single ten acre sowing.

Extra Hoppers for special seeding, as described in our special circular of this seeder, can be furnished without the wheelbarrow at \$4 each.

For all kinds Grass  
and Grain Seeds.

This No. 6 is the  
most satisfactory.  
It has a good hopper  
extending 14 feet, and

## MARKET PRICES.

Whenever you desire to buy Grass Seeds, Seed Grains, Seed Corn, Seed Potatoes, Onion Sets and other Seeds in large quantities, send us a list of your wants and we will promptly and cheerfully quote you lowest market prices on articles asked for. Always glad to hear from you.



**HUNGARIAN MILLET.**

This grass resembles Millet very much. It is of fine growth, and makes an excellent hay. It has numerous succulent leaves, which furnishes an abundance of green fodder, taken by all kinds of stock. Sow twenty-five to thirty pounds to the acre. Lb. 10c., 10 lbs. 50c.

**SANDVETCH (Winter Vetch).**

Another forage plant from Europe, highly esteemed there. The Sandvetch prospers in the most barren soils, on those too poor to grow the winter tare. Six tons per acre of green forage have been harvested in one cut in poor silicious soils, with a second cut for seed or for ploughing in green. Sow end of August, alone or with a cereal, rye preferred, as this vetch reaches a length of 3 1/4 to 5 feet and must have a support. Sow 60 to 75 pounds per acre. If good growth before winter, it may be cut, and again by March 15th. Eaten by all farm stock. Lb. 20c., 6 lbs. \$1, 25 lbs. @ 13c.

**CLEOME or ROCKY MOUNTAIN BEE PLANT.**

A native of the west. Perfectly hardy. Perennial. One of the best honey-producing plants. Its blossom is now the emblematic flower of the State Bee-Keepers' Association. Oz. 20c., 1/4 lb. 50c., lb. \$1.50, postpaid.

**DWARF ESSEX RAPE.**

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. "They should weigh like lead." Pigs and cattle are also very fond of it." The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about four inches from the ground, there would be an aftermath or second growth that would be useful after that time. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drouth. It does well sown with oats. After the oats are cut the Rape grows rapidly.

If the soil is rich and clean sow broadcast, if not so clean sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed, as it, like turnips, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasture when much needed in the fall. When sown broadcast, use 8 to 10 pounds, and if in drills, 4 to 5 pounds to the acre. 1/4 lb. 10c., lb. 25c., postpaid. By freight or express 10 lbs. 85c., 25 lbs. \$2.

**TEOSINTE.**

Recommended as one of the most prolific foliage plants in cultivation. The stalk, containing much saccharine matter, is very nutritious. It can be cut several times during the season, yielding enormously. One seed will sometimes produce twenty to sixty stalks or shoots, and the warmer the climate the better it yields. Should not be planted until the soil is perfectly warm in the spring. Requires about four pounds seed per acre. Plant in drills. Oz. 10c., 1/4 lb. 35c., lb. \$1, postpaid.

**WILD RICE—For Planting in Ponds.**

An annual which sows itself in the fall, about the middle of September, lies dormant all winter, in spring commences to sprout as soon as the water gets warm, reaching the surface during the first of June. It grows very rapidly in one to eight feet of water, ripens late in August or early in September. It should be planted early in the fall, before the ice forms, broadcast from a boat, in two or three feet of water having a mud-bottom. It has been successfully planted through the ice in winter and in the spring, but it succeeds best when planted in the fall. As an attraction for wild fowl it cannot be equaled. In large ponds and lakes, it purifies the water, affords a refuge for the small fry from the large fish, as well as furnishing the small fry with plenty of food from the animalculæ upon the stocks; for planting in fish ponds it is equally desirable. It also does well along the shores of marshes, and makes a good hay. At the south two crops can be cut, and all cattle are very fond of it. Lb. 25c., 5 lbs. \$1.

**AUSTRALIAN SALT BUSH.**

**The Forage Plant for Arid and Alkali Soils.**

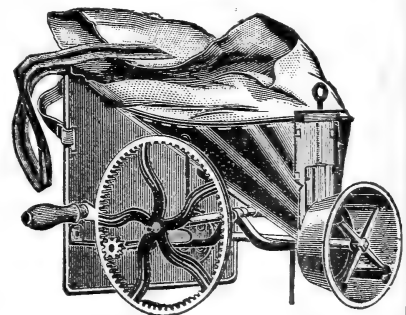
This new plant comes to us from California, where it has been tested and experimented with to a large extent. The agricultural department of the California State University states as below:

"Importing, testing and demonstrating the value of Salt Bush has been accomplished by this department at much expense, combined with both care and labor. Lands that hitherto have laid barren and worthless have been rendered productive and valuable. It can scarcely be conceived that alkali soils, coated with their salts as covered by snow, can be changed in their appearance or constituents, yet such is being accomplished most satisfactorily and with little expense by the use of Salt Bush. Already thousands of acres of arid and alkali lands have been reclaimed by seeding it to this valuable plant. The transformation has seemingly something of the miraculous about it."

This last season one of our men made a special trip to the district in California, where Salt Bush is raised. He examined it carefully. We are satisfied that it has merit, and for alkali districts in warm localities the plant will do wonders toward purifying the soil. Oz. 15c., 1/4 lb. 50c., lb. \$1.35 postpaid.

**Cahoon's Patent Hand Seed Sower.**

For sowing alfalfa, wheat, oats, barley, rye buckwheat, grass seeds, etc. The best machine of the kind in the market. The grain is held in a tight sheet-iron hopper, surrounded by a bag which holds a bushel of seed. This is suspended by a strap from the operator's neck, and held in position by a strap around the waist. The seed is thrown from eight to twenty feet on each side of the operator, the heaviest seed being, of course, thrown the greatest distance. Price \$3.50.



Dwarf Essex Rape.



This shows the growth from one root suspended.

# MISCELLANEOUS FIELD SEEDS.

Postage 8c. pound extra. Prices subject to market changes Ask for latest Price List Grass and Field Seeds.

## SILVER HULL BUCKWHEAT.

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. Lb. 10c., 10 lbs. 60c.

## JAPANESE BUCKWHEAT.

This new variety has been raised here with good results, it is early and very productive. The kernels are twice the size of any other buckwheat of a rich dark brown color and manufactures a superior flour. Owing to its branching character only one-half as much seed is required per acre; while the straw is much stiffer and stands up better. Lb. 10c., 10 lbs. 60c.

## BROOM CORN.

There are many farmers who might make this a very profitable crop; an acre will give about 500 weight of broom and nearly forty bushels of seed, worth nearly as much as oats for feed. It requires similar soil and culture to corn, but should be planted later, and it pays best to have the ground in prime condition. It is frequently planted in drills three and one-half feet apart, leaving the plants six inches apart. 4 to 6 lbs. will plant an acre.

## EXTRA EARLY JAPANESE BROOM CORN.

This is the earliest broom corn in existence, matures in about seventy-five days when planted late. Have seen some that was planted on July 17, and ready to cut October 1. Can be planted after wheat with good success, so making two crops on the same ground. It is just the kind for an early market. It has withstood dry weather better than any other variety. Brush is fine and long. Lb. 15c., 5 lbs. 50c., 10 lbs. for 80c.

## IMPROVED EVERGREEN BROOM CORN.

This Broom Corn grows about eight to ten feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. Its great value is that it will not get red in the field before it is cut, but is strictly a green variety of brush, commanding high price. Lb. 15c., 5 lbs. 50c., 10 lbs. 80c.

## CALIFORNIA GOLDEN BROOM CORN.

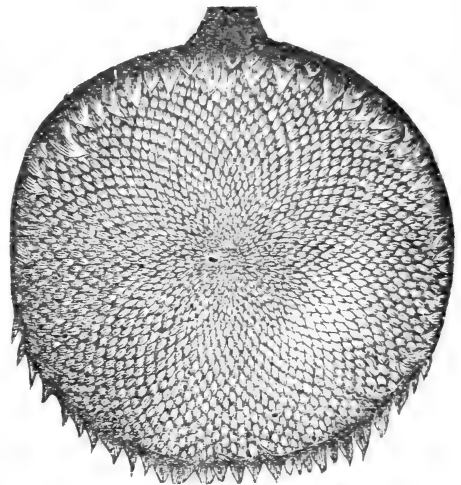
An excellent standard variety, grows a very fine brush of good length, and is free from the large center stem. Bleaches very evenly, even in the sun. Lb. 15c., 5 lbs. 50c., 10 lbs. for 80c.

## GENUINE DWARF BROOM CORN.

Grows from three to four feet high, with straight, smooth brush; principally used for making whisks and brushes. Lb. 15c., 5 lbs. 50c., 10 lbs. for 80c.

## MAMMOTH RUSSIAN SUNFLOWER.

Single heads measure fifteen to twenty-two inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg producing food known for poultry. It can be raised cheaper than corn, and is destined to be an article of great value. Every farmer should plant some of the seed in any waste place of ground any time from early spring up to the middle of July. It is a wonderful improvement on the old native Sunflower, and besides the great value of the seed as poultry and stock food, its leaves make capital fodder, while its strong, thick stalks can be profitably used as feed. Three pounds of seed will plant one acre. Selected seed, ¼ lb. 10c., 1 lb. 25c., 5 lbs., 50c.



Mammoth Russian Sunflower.

## SORGHUM or EARLY AMBER CANE.

Dairy farmers say that the Early Amber Cane is the most valuable fodder plant in existence for their use. Notwithstanding its great adaptability as a food for live stock, it is only quite recently that the real value of sorghum (or sugar cane) has attracted general attention. Its great merit is now beginning to be appreciated and the demand is increasing about ten fold every year. It is profitably grown anywhere from Manitoba to Mexico, on any good corn ground, and is but little affected by drouth. It is of the very best quality, being sweet, tender, nutritious and greedily eaten by cattle, horses and hogs. Dairymen find that the cows will give more and richer milk from its use, and it is claimed that as high as 10 tons of green fodder have been grown per acre. It can be cut several times during the season if not allowed to get too high, and makes good sweet hay. Sow 100 lbs. per acre for best results. Is a profitable crop also to grow for the seed which is excellent for feeding poultry, and is very frequently ground and substituted for buckwheat flour. Price subject to market change. Lb. 10c., 4 lbs. for 25c.

Cane Seed for Fodder.—When sown for fodder it should be sown very thick, 60 lbs. per acre is none too much. Cut when the stock is well filled with sweet sap—don't allow to mature. It will cure nicely and make excellent stock feed. Ask for price stating quantity wanted.

## FIELD PEAS.

### IDAHO COFFEE PEAS.

Also known as Egyptian or Chick Peas. A great yielding pea; plant upright, branching and covered with balloon-like pods; each pod contains at least one pea of large size, very productive and weighs 82 lbs. to measured bushel. Will produce a grand crop of the best quality peas for feed. A few years ago this pea had a wonderful boom, as a Coffee Berry. It surely makes good coffee and has a striking resemblance to coffee when roasted and ground. We heartily recommend it as a healthful beverage. Lb. 20c., 4 lbs. 60c. 10 lbs. by freight for \$1.25.

**SPANISH GRASS PEAS.**

Through the ravages of the pea bug this variety has come as a great blessing to pea growers in some parts of the north. It has proven itself to be absolutely bug proof. It is very productive, producing from 30 to 35 bushels to the acre, and 2½ tons of the very finest straw with an average length of three feet. The peas are angular in form and very hard, and of the very best feeding quality. The pea being small and the straw of branching habit it requires but 75 lbs. to sow an acre. Lb. 15c., 5 lbs. 60c. Ask for price when wanting quantity.

**WHIP-POOR-WILL COW PEAS.**

This is not exactly a pea, but more properly belongs to the bean family. It is becoming known to the north, also as a highly valuable fodder and fertilizing crop. It requires a full season to mature in. If desired the pods may be harvested for the grain, and the plants plowed under to fertilize the soil. The seed or grain is ground and used for cattle fodder; the stalk and leaves also make excellent fodder, fed green. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas, and thus made into a fertile loam. Plant in a thoroughly pulverized soil. If wanted to plow under for manure, sow with a grain drill, in drills a foot apart. If grown for fodder or the seed, plant three and a half feet apart and cultivate thoroughly. The seed must not be sown until the soil has become thoroughly warm. Sow from 60 to 90 lbs. per acre. Lb. 10c., 10 lbs. 80c.

We also carry stocks of Black Eye and Clay Color Cow Peas, at same price as Whip-poor-will.

**GREEN CANADA STOCK PEAS.**

For a sure crop, maturing in near any altitude and a heavy yielder none equals this variety. In Colorado and Wyoming hog raisers find it a very profitable crop. Usually sow 60 to a 120 lbs. per acre. Lb. 10c., 10 lbs. 65c. Can also supply the White Canada or Golden Vine at same price.

**FIELD BEANS.**

We often wonder why our farmers do not plant more beans for market. They are almost a sure crop in much of our fertile west and Colorado grown beans always command a premium price in our markets. Each season there are many car loads shipped into our market from the Pacific Coast. Why not put in a few acres this season.

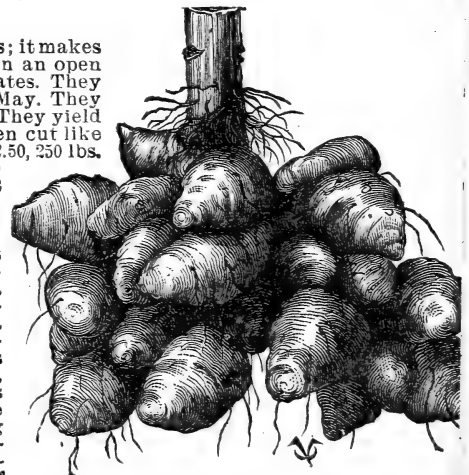
**WHITE NAVY.** The standard white bean, of medium size. Plant in drills, so as to cultivate with a horse, 25 to 30 lbs, enough for an acre. Lb. 10c. See market price for quantity.  
**MEXICAN BEANS.** This is the popular bean with the Mexicans and now is grown extensively throughout Colorado, New Mexico and Arizona. The yield is tremendous. We advise a liberal planting. Lb. 10c. See market price for quantity.

**EARLY SOJA BEANS.—Coffee Berry, also called Soy Beans.**

During recent years this variety has been largely sold under the name of German Coffee Berry at extremely high prices, but we prefer to offer it under its correct name. The berries ripen in about three to four months from the time of planting and produce a crop of twenty to forty 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 add greatly to the milk production. The ordinary soja beans are too late to mature here but this variety ripens in all the northern states, where it has been grown over four feet in height, heavily podded with seed and yielded over ten tons per acre. It is a valuable fodder variety either for feeding green or for the soil. Being a rich nitrogenous feed, it is unsurpassed as a flesh former, and like the clovers, is a soil improver, deriving its nitrogen from the air. Plant in drills two or three feet apart and one foot between plants. Lb. 10c., 1b. 15c., 2 lbs. 25c. See market price for quantity.

**JERUSALEM ARTICHOKEs.**

A well known vegetable, is produced from tubers resembling potatoes; it makes an excellent food for stock. Flourishes best in light, rich soil, when an open exposure, but it will resist any degree of cold incident to the United States. They are planted like potatoes, and as early as the ground will permit, until May. They can remain in the ground all winter as frost does not hurt them. They yield heavy, from 500 to 1000 bushels per acre. 300 lbs. will plant an acre when cut like potatoes. Lb. 10c., 3 lbs. 25c., postage 10c. lb. extra; 25 lbs. 75c., 100 lbs. \$2.50, 250 lbs. \$2.25 per 100; 500 lbs. or more at \$2 per 100 lbs.



Jerusalem Artichokes.

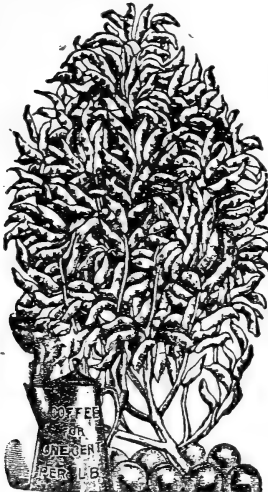
**PEANUTS.**

The peanut thrives and produces best on a light, sandy, fertile soil with a good clay subsoil. It possesses a long tap root, which extends deep into the earth, drawing thence the nutriment which is beyond the reach of many of our cultivated crops.

The soil should be deep and mellow, and well broken up, so as to be ready for planting soon after frosts are over—April is a suitable time. They may be planted in the pod, or shelled, two in a hill is best to drop about four in a hill on the level ground, the row being laid off three and one-fourth feet wide, and the hills two feet apart; cover them two or three inches deep. When they come thin them to two in a hill, and if there be any vacancy transplant. It is better to plant them level than in ridges, as they are liable to suffer from drouth. Successfully raised in southern Colorado. Lb. 15c., 2 lbs 25c., 5 lbs. 50c., postage extra.

**SPANISH PEANUTS.** The earliest variety grown, pods are small but remarkably solid and well filled, the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs. ½ lb. 15c., 1b. 25c., 3 lbs. 60c.

If any of the above seeds wanted by mail add 8c. per pound for post



Early Soja Beans.



Peanuts.

# NON-SACCHARINE CANES.

THE GREAT DROUTH RESISTING CROPS.

All these varieties bear dry weather well. When corn will wholly fail for want of rain at a certain stage, these plants simply stop and wait for rain, and then go on and make their full crop. In weight of grain they will make more per acre than the same land will make of corn. Some mills have been grinding the grain for flour with good success. In the way of dry forage they make enormous returns, at a cost less than the cost of gathering alone of corn fodder. Their cultivation is as simple as that of corn. They will grow on any land where corn will, even on land too poor for corn. As soon as the seed begins to glaze, begin to cut and shock. Make the shocks sixteen rows wide, and the same distance in length. Balance it well, for the seed is so heavy that it will go down easily. After it is well cured, stack it or house it as you would ordinary corn fodder, or let it stand in the field until wanted for use. Prepare a rack in the feed lot and feed as hay. It is not necessary to thresh it. If it is desirable to separate the feed from the fodder, run the stalks through a threshing machine after removing all but one row of concave teeth. The grain will come out as clean as wheat and the fodder shredded. Of all these, 3 to 5 lbs. will plant an acre. For fodder, sow 25 to 50 broadcast.

**WHITE KAFFIR CORN.** It grows from four to five feet high, making a straight, upright growth. It has a stalky stem, with enormous wide leaves. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle and horses. The seed heads form at the top of each stalk, and as soon as these show the grain well, the joints next below the top end up shoots which yield the second seed heads. For the grain sow in rows three feet apart. Lb. 10c., 5 lbs. 25c.

**RED KAFFIR CORN.** This grows taller than the white; the stalks are lenderer, but more juicy and very leafy. The heads are long, slender, compact and grow erect; they measure from one to two feet. The seed is red, maller than that of the white, and rather hard and brittle. It does well on our land and yields well. It ripens a little earlier than the white variety, and yields much heavier. It is highly recommended by the Kansas Agricultural College at Manhattan. Lb. 10c., 5 lbs. 25c.

**JERUSALEM CORN.** It is pronounced the best and surest grain crop for dry countries and seasons, even better than Kaffir Corn and Milo Maize. It grows about three feet high, makes one large head on main stalk and several smaller heads on side shoots; have seen as high as eight heads on one stalk. The grains are pure white and nearly flat. Lb. 10c., 3 lbs. 25c.

**MILO MAIZE.** Growth is tall—nine to twelve feet, stooping from the ground. It sends out shoots also from the joints. Seed heads grow to great size, often weighing three-fourths of a pound, sometimes a full pound after ripe. On account of its branching habit this grain should be planted in rows, and two to three feet apart. We have both yellow and white. Lb. 10c., 3 lbs. 25c.

**BROWN DOURHA.** Similar to the Jerusalem Corn. Grain same size and shape, but of brown color, instead of white; withstands dry weather better than Kaffir Corn and Milo Maize, and is a sure cropper every year. It is raised more for grain than for fodder. It yields immensely. Lb. 10c., 3 lbs. 25c.



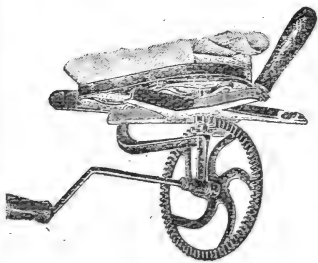
Kaffir Corn,

## Premier Broadcast Seed Sower.

The frame of the machine which carries all the bearing parts, is made of one piece of metal, thus assuring perfect and permanent alignment. This feature makes the Premier the easiest running machine on the market and prevents it from getting out of order. The seed is fed to the fan wheel through an adjustable slide, in such a manner as to insure an even distribution. The slide can be closed instantly. The grain bag is supported by a strap thrown across the shoulders. The Premier will sow any seed that is sown broadcast, such as oats, wheat, rye, rice, flax, millet, clover, timothy, grass seed, etc. Price \$1.50.

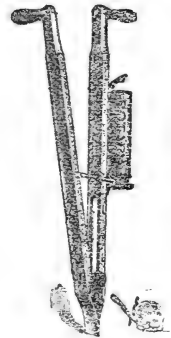
## HAND PLANTERS.

For Planting Corn, Beans and Kaffir Corn.



**IMPROVED ROTARY.** Has rotary drop. Three seed plates with seven chambers each. Works perfectly. When wanted for planting Kaffir corn please mention in order. A disk with special size hole is required. Price \$1.25.

**WORKING OF THE FIELD.** Works in any soil; has a flexible and adjustable iron drop, and does not wear the brush. It has an iron seed box and gives universal satisfaction. Price \$1.



## OIL CAKE MEAL.

Chemical analysis has shown, and experience has proven, that of all feeding substances OIL CAKE MEAL stands without an equal. To farmers it is especially valuable. It is the greatest flesh former, milk and butter producer in use, and on a fair test will prove to be the best economical cattle food a farmer can use; and it not only increases the value of his land, but it keeps his stock in excellent condition, and, at the same time, increases the quality and richness of milk. Price fluctuates. Present price per 100 pound sacks \$1.60, 5 sacks for \$7.50.

GOOD THINGS WORTHY OF TRIAL.

SPELTZ, MACARONI WHEAT, BEARDLESS BARLEY, NEW MARKET OATS, BROMUS, INERMIS, ESSEX RAPE.



# Seed Wheat, Barley, Oats and Rye.

We give special attention to our grain seeds, procuring from reliable growers who select for seed. Our process of cleaning is near perfect. When grain seeds are shipped in seamless sacks we charge **20 CENTS EACH EXTRA**, and will refund the price of same should these sacks be returned to our store. For prices see price list of "Grass and Field Seeds," mailed on application.

## WHEAT—SPRING.

Sow 60 to 90 pounds per acre, according to condition of soil.

### "ARNAUTKA."

The great Macaroni Wheat. Does well in alkali soils. See special description in novelty pages.

**RUBY** (Blounts No. 16). This is the most popular variety in Colorado. It is a medium soft, rather light color; no beard; does not shell out easily when gathering. In many localities is used as a Fall Wheat—a combination that no other variety has.

**BLOUNTS No. 10.** The berry has similar appearance to the No. 16, though smaller. Has no beard. A grand milling wheat.

**DEFIANCE.** An old popular variety. Our seed this season averages better than for years before. Now is a good chance to procure a pure stock.

**RED DOMINION.** This medium hard variety is raised extensively in the San Luis Valley wheat district.

**SONORA.** A small kernel, medium hard, much liked by our northern Colorado millers.

## WHEAT—WINTER.

We have planned for sufficient quantities of seed for fall use of the following:

**TURKEY RED.** A hard red kernel variety that is established as a standard grain for Colorado.

**RED CROSS.** This as its name implies is a hybrid variety. You are likely to find many kernels with light shades on, while the perfect type is red.

**CLAWSON.** This perhaps is the oldest and best known variety of fall wheat in the West. We will have a good supply and can offer in car lots when wanted.

Other varieties will be offered and priced when the fall season arrives.

## SPELTZ.

The wonderful grain from Russia, has been thoroughly tested in Colorado. It is a great yielder. See special description in novelty pages. Our price is reduced this season.

## BARLEY.

Sow 50 to 90 pounds per acre.

It is an unquestionable fact that Colorado produces Barley much brighter in color than countries having much rain. We raise it exclusively by irrigation.

**SCOTCH** (both four rowed and six rowed). This is the staple variety where grown for brewers. It is equally as well for feeding, not having as long beard as some other kinds.

**NAKED or BEARDLESS—or WHITE HULLESS.** This is decidedly distinct from the malting variety, having no beard and shelling off its hull same as wheat, in fact some people have mistaken the grain for wheat. It is the best of all barleys for feeding and is rapidly taking the place of spring rye. Grows very rank and vigorously, and thrives even at altitudes of 8,000 to 9,000 feet. We have never yet had enough to supply all demands. You should secure your supply early. Does not require as much to sow an acre as other varieties.

## FLAX SEED.

Can be grown anywhere that wheat flourishes and brings better returns. Thirty to forty pounds will sow an acre. We have choice, clean seed. Lb. 10c., 3 lbs. 25c. See Market price for large quantities.

## LENTILS.

Are easily grown in Colorado. We have some select seed. Lb. 15c.

## OATS.

Sow 50 to 65 pounds per acre.

No crops give better results by change of seed than oats. If you have been re-seeding the same strain for several years, now is the time to change. Do not compare our select strains, recleaned, with the common oats frequently offered as seed oats.

**NEW MARKET.** A variety just introduced from Scotland. See novelty pages for full description.

**WHITE RUSSIAN.** Straight head. This is the staple variety. Yields well and fills out plump. Our stock of this is Nebraska grown, and is just what is wanted in high altitude countries.

**WHITE SIDE OATS.** Similar to White Russian except heads bend to one side. Becoming popular in Colorado.

**BLACK RUSSIAN.** Liked in Colorado as it does not become as hard as other varieties. Produces well. Its color resembles wild oats, however, far from it in quality and nature of growth.

**RED RUST PROOF OATS.** Not extensively grown though highly recommended by those who have grown. Is a sure cropper and rust proof. In some localities sown in fall, similar to winter oats.

**WINTER TURF OATS.** For fall sowing. They are rust proof, and are adapted to light and heavy soils, and stand the coldest freezing. When sown early their roots strike down from ten to twelve inches deep, which insures them from winter killing and ready in spring to grow while spring oats are not sown on account of wet weather. Their deep rooting and stooling properties enable them to afford more fall and winter grazing than any known plant.

## RYE.

Sow 60 to 80 lbs. per acre.

**SPRING RYE.** Grows very quickly. Please note that in offering Spring Rye we offer what is furnished us spring rye, but make no guarantee for same.

**FALL or WINTER.** This is the sure crop for dry country ranches.

**FREE.** A card giving the weight per bushel a quantity for an acre of the more common field and garden seeds. Ask for it when ordering seeds.

**BE SURE** to ask for latest Price List of Grass and Field Seeds before you buy. This is issued once a month and gives selling values.

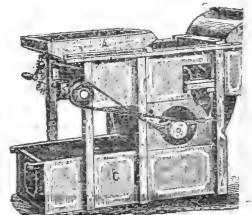
For Selected Field Corn Seed see page 18.

Clean your grain thoroughly before taking it to market. You will save the price of a machine in a very short time. We use several in our warehouse and heartily recommend

## The Clipper Grain and Seed Cleaner.

This Cleaner is adaptable for cleaning all classes of grain or seeds, such as wheat, corn, oats, barley, rye, beans, peas, buckwheat, millet, clover, alfalfa, timothy, flax, etc., etc., and is suitable for farm or general use. Unlike other mills, the "Clipper" cleans all classes of seed and grain thoroughly in one operation, without any waste, and leaves no tailings to be rehandled. Effectual separation of plowtail from clover seed is accomplished, removing all imperfect and foreign seed therefrom, as well as cleaning the perfect seed.

No. 1, Farm Size, with eight screens complete, \$25. No. 2, Warehouse Size, \$35. For larger sizes ask for special catalogue of Clipper Machines.



# CONCENTRATED FERTILIZERS.

These fertilizers contain in a concentrated form the plant food necessary to grow nutritious farm products in large quantity per acre at lowest possible cost in time, labor and money. They are quick in action. Do not contain weed seeds and are easily applied. We have now put up for us special brands. If you order by these names you will make no mistake. You will be wise in ordering liberally.



## ARMOUR'S HELMET BRAND FERTILIZERS.

We have no hesitancy in stating that this make of fertilizer is without doubt the best article for the money of any on the market to-day. The chemical analysis shows them to be strictly high grade, containing no waste material. The Armour Company are the largest Fertilizer manufacturers in the world. We are their representatives in the West and carry a large stock. The brands in greatest demand are herein described and priced. For a greater description and much valuable information ask for Armour's Farmers' Almanac. It will give you many valuable ideas.

## LAWN FERTILIZERS.

Lawn grass is a voracious feeder, and will not thrive and hold its beautiful dark green color and velvety appearance unless it is suitably fed. The lack of this one requisite causes many poor and rusty looking lawns. Do not use barn manure as it is apt to contain objectionable grass seed and noxious weed seeds, which you will have to fight for years to come. It cannot be evenly distributed, the result being that one spot is over-nourished while the next is starved. All these objections are obviated by using our Commercial High Grade Fertilizers

## ARMOUR'S ODORLESS LAWN FERTILIZER.

50 pounds is sufficient to cover 1000 square feet of lawn.

It is the most successful and surprising growth tonic you can imagine. It acts quickly yet is lasting—for all seasons. It is compounded by practical chemist who make fertilizers a study. It contains a number of rich plant foods, just the materials required to build up strong, vigorous grass shoots and makes a luxuriant green carpet grass. To get a good lawn begin early in spring, rake over bare places and sow good seed, then apply the fertilizer by throwing it broadcast evenly, after which soak with water. It is the only Lawn Fertilizer sold in Colorado that has a guaranteed analysis—it is printed on every 50 and 100 lb. sack. 4 to 5 per cent. ammonia; 9 to 10 per cent. available phosphoric acid; 3 to 4 per cent. potash. 10 lb. sack 50c., 25 lb. sack 90c., 50 lb. sack \$1.50, 100 lb. sack \$2.50.

The little booklet entitled "Green Velvet" is free and tells all about this lawn fertilizer.

## THE "DENVER" LAWN FERTILIZER.

This is a good article for the price, being made expressly for our trade. (Other makes called "Denver" are not our formula.) It contains 3 to 3 3/4 per cent. ammonia, 8 per cent. available Phosphoric Acid. With this an application is not as lasting as Green Velvet. Yet it gives splendid results for a single season. 50 lb. sack \$1.25 100 lb. sack \$2, 500 lbs. for \$8.75.



Root of Grass showing the effect of using our Lawn Fertilizer.



Root of Grass showing need of fertilizer.

## VEGETABLE GROWER.—No. 271.

This is made especially for garden truck where a quick vegetable growth is desired, such as Radish, Lettuce, Cauliflower, etc. It contains 2 per cent. of Ammonia, with fully 7 per cent. of available Phosphoric Acid. For quick acting we have nothing better. Price, 100 lb. sack \$1.50. 500 lbs. \$7. 1000 lbs. \$13. 2000 lbs. for \$24.

## FRUIT AND ROOT CROP SPECIAL—No. 282.

While this contains about the same per cent. of Ammonia as the Vegetable Grower it also has a greater per cent. of available Phosphoric Acid and likewise a greater per cent. of Potash, making it quick acting, yet more lasting, and specially for strawberries and all small fruits. It is good for garden crops which require a full season such as Beets, carrots, Onions, Melons, etc., also Potatoes. Price, 100 lb. sack \$1.75. 500 lbs. \$8. 1000 lbs. \$15. 2000 lbs. \$23.

## GRAIN GROWER—No. 2-10-2.

With a high per cent. of available Phosphoric Acid it is well adapted to all grain crops, particularly Wheat, Oats and corn. Price, 100 lb. sack \$1.75. 500 lbs. \$8.50. 1000 lbs. \$16. 2000 lbs. \$30.

## SUGAR BEET SPECIAL—No. 386.

This is the fertilizer that brings the greatest returns of any. The analysis indicates its quality. Having 3 per cent. available Phosphoric Acid and 6 per cent. pure sulphate Potash, it imparts to the Sugar Beet the very elements needed for best results. It is likewise most excellent for Fruit Orchards. For increasing the yield of Potatoes it has no equal at the price. Price, 100 lb. sack \$2. 500 lbs. for \$9.50. 1000 lbs. for \$18. 2000 lbs. for \$35.

## PURE FINE BONE MEAL (Dust).

Is strictly pure bone ground fine. Decomposes rapidly and yet is available as a good fertilizer through second season after using. For use in green houses, also for growing plants, roses, etc., likewise lawns. Price, 25 lb. sack 80c., 100 lb. sack \$1.35, 1000 lbs. sack \$2.25.

## FRUIT TREE FERTILIZER—XX Bone Meal.

This supplies the proper elements for Apple, Cherry, Plum and Peach Trees. It consists of pure bone sufficiently treated to enable it to dissolve readily yet not too rapidly. Its analysis is much in its favor for Colorado fruit growers. 3 to 3 per cent. Ammonia, 15 to 18 per cent. available Phosphoric Acid. Per 100 lb. sack \$1.75. 500 lbs. for \$8.50. 1000 lbs. for \$16. 2000 lbs. for \$30.

**PULVERIZED SHEEP MANURE.** Pure natural manure ground fine. Excellent for mixing with the soil for greenhouse use. It makes a rich, quick acting liquid manure. Effect is lasting. Mix one part sheep manure with five parts soil for a good potting soil for house plants. 10 lbs. 25c., 25 lb. sack 50c., 50 lb. sack 75c., 100 lb. sack \$1.25, 500 lbs. for \$5, 1000 lbs. for \$8.50, 2000 lbs. \$16.

**NITRATE OF SODA.** Being one of the strongest fertilizers known, great care should be exercised in its use. Books telling its uses and advantages mailed free. Price, lb. 10c., 3 lbs. 25c., 10 lbs. 60c., 25 lbs. \$1.25, 100 lbs. \$4.75. Original sacks of 250 to 300 lbs. at \$4.50 per 100 lbs.

# TESTED SEEDS.

We do test all our garden seeds. Every variety has a stock number. We know about the stock we offer. They are pedigreed. : : :

## FERTILIZERS,—Continued.

**LAND PLASTER.** Applied as a top-dressing for grass and grain crops increases the growth and yield of same very largely. It is also of decided benefit to use when planting potatoes, in connection with other fertilizers or manure, and its liberal use in stable, cattle stalls, poultry houses and on manure piles will prevent escape of ammonia, increasing the value of the farm manure amazingly. Its great usefulness, cheapness and effectiveness should make it universally and liberally used on every farm. Price, 100 lbs. \$1. 500 lbs. for \$3.50, 1000 lbs. for \$6, ton for \$10.

**WALKER'S EXCELSIOR PLANT FOOD.** Just what your house plants need. It is odorless and is safe to use. Dis-

solves readily in water, and takes the place of liquid manure. Each package contains full directions. A valuable booklet, "The Window Garden," free with purchase if asked for. Price, 1/4 lb. pkg. (enough for 20 plants 3 months) 15c., by mail 25c., lb. pkg. 25c., by mail 40c.

**ARMOUR'S FLOWER FOOD.** Similar to the Walker's and same size packages. Price same as Walker's. Booklet, "House Plants and Garden Flowers," free with each order.

**JAPANESE PALM FOOD.** Produces a luxuriant foliage of rich texture on ferns, palms, rubber plants, etc. Price, 25c., by mail 35c.

# Insect Destroyers and Sprayers.

Liquids cannot be sent by mail.

Each year proves the importance of spraying fruit trees and plants in order to destroy the insects and secure a good crop of fruit. The largest and most successful fruit growers are the most enthusiastic on spraying. It will pay you to invest in spraying apparatus if you have only one fruit tree. The spraying of apple and plum trees is especially recommended. Will furnish table giving formula for making mixtures and directions for application of same upon request.

**Ant Exterminator.** A non-poisonous powder which will kill or drive away ants from lawns. Box 25c., by mail 30c.

**Bordeaux Mixture.** Concentrated liquid. Prevents black rot, mildew and rust. In patent cans. Qt. size 40c. Gallon cans \$1. 5 gallon cans \$4.50.

**Chloroleum.** Non-poisonous yet very effective in ridding lawns of ants. Drives roaches away. Makes a very satisfactory disinfectant and antiseptic. Small size bottle 25c., large size 50c. Qt. cans 75c. 2 qt. cans \$1.25. Gallon can \$2.

**Fir Tree Oil.** A most popular and best all-round insecticide for greenhouse and house plants, especially for mealy bug, scale, red spider, black and green aphids, thrip, lice, worms and slugs. Full directions with each bottle. Small bottle 25c., 1/2 pt. 40c., pt. 75c., qt. \$1.25, gallon \$4.

**Kerosene Emulsion.** For plant lice of any kind, cabbage worms, scales, insects on trees, etc. Ready for use by adding 25 to 50 parts water to 1 pint emulsion. Qt. can 40c.



**Nikoteen.** Highly concentrated. Most powerful insecticide, best thing to destroy insects on roses. Pint \$1.50.

**Nikoteen Aphid Punk.** Special preparation for extermination of green and black fly, thrip, etc., in greenhouses and conservatories; also effective in killing caterpillars on shade and fruit trees. Pkg. of 12 rolls 60c., postpaid 70c.

**Nicotide.** Fumigating compound for killing all kinds of insects on plants in greenhouses and frames.

1 pint, sufficient for 32,000 cubic ft. of space.....\$2 50  
 1/2 " " " 16,000 cubic ft. of space..... 1 25  
 1/4 ozs. " " 8,000 cubic ft. of space..... 70

Fumigators for above lamp, holder and pan, each 50c.

**Sulpho-Tobacco Soap.** This popular insecticide gives excellent satisfaction, and never fails to quickly exterminate all insect life on plants, flowers, shrubs, etc. It is cheap, effective, clean and harmless. 3 oz. cake makes 1 1/2 gallon of prepared solution, 10c., by mail 13c. 3 oz. cake makes 4 gallons, 20c., by mail 28c. 10 lb. box \$3.

**Slug Shot, Hammonds.** Guaranteed to destroy potato bugs and those on tomato and egg plants, currant worms; cabbage lice and worms; fleas, beetles and striped bugs on melons, turnips, beets, onions, etc.; canker worms and caterpillars on fruit and ornamental trees. 5 lb. pkg. 40c., 10 lb. pkg. 75c., 25 lbs. for \$1.50.

**Slug Shot Duster.** Made of tin, with handle and perforated bottom, holds 1/2 gallon, 40c.

**Sulphate Copper (Blue Vitriol.)** In crystals ready to dissolve. 2 lbs. 25c. 5 lbs. for 50c. 12 lbs. for \$1. 100 lbs. for \$7.

**Sal Soda.** Crystal Brand. Manufactured expressly pure for use in compounding insecticides. 5 lbs. for 25c. 50 lbs. for \$1.50. 100 lb. box \$2.50. When wanting larger lots ask for market price.



**White Arsenic (Commercially pure).** We buy this direct from producers. Ours is positively pure and superior to much that is offered fruit growers. 5 lbs. for 40c. 50 lbs. for \$3.50. 100 lb. box for \$6.75. 400 lb. keg, @ \$6.50 per 100 lbs.

**Whale Oil Soap.** Used in the greenhouse, nursery, and anywhere that insect life exists. Per lb. 15c., 5 lb. can for 60c., 50 lb. box for \$4.00, 100 lb. box for \$7.50.

**WHALE OIL SOAP SOLUTION.** Dissolve 2 ozs. of soap to 1 gal. of water for all small fruit, in fact all small fruit plants. For large fruit trees, shade trees, etc., use 3 ozs. of soap per gallon.

**Tobacco Dust.** To drive off green lice in hotbeds. Lb. 10c., 5 lbs. 25c., 25 lbs. \$1, 100 lbs. \$3.50.

**Tobacco Stems.** For fumigating, 10 lbs. for 40c., 25 lbs. for 75c., 100 lbs. for \$2.

**Powdered Sulphur.** Lb. 10c., 4 lbs. 25c., 10 lbs. 50c. Large quantities at market price.

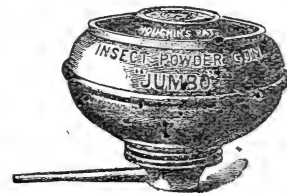
**Persian Insect Powder.** Pure "Diamond C" grade—none better. Don't be deceived by any low-priced, adulterated article. 1/4 lb. 20c., 1/2 lb. 30c., lb. 50c., 5 lb. pkg. for \$2.25.

**Pure Paris Green.** Sealed pkgs. 1/4 lb. 10c., 1/2 lb. 15c., lb. 25c., 5 lb. can for \$1. Large quantity at market price.

**PARIS GREEN SOLUTION.** For small fruit, also for cherries, plums, peaches, apricots, etc., dissolve 4 ozs. Paris Green to 60 gallon of water, add to this ten pounds of fresh slacked lime. For apples, pear and all shade trees 8 ozs. of Paris Green to 60 gallon water to 15 lbs. of lime. The lime is very necessary to prevent burning of the leaves, it also helps to make Paris Green more soluble.

**London Purple.** Sealed pkgs. 1/2 lb. 15c., lb. 25c., 5 lb. can for \$1.

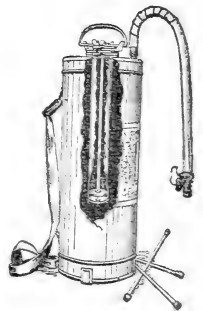
**White Hellebore.** For currant worms, etc. 1/2 lb. 15c., lb. 25c., 5 lb. pkg. for \$1.



This "JUMBO" gun is designed for use with our fine Persian Insect Powder; also the various powder insecticides. Holds four ounces. Will outlast several of the cheaper guns. Price 25c., postpaid for 30c. Small size holds two ounces, 10c., by mail 15c.

### "AUTO-SPRAY."

Eight or ten strokes of plunger in air to discharge the entire contents and make a continuous spray for nine minutes. The "Auto-Spray" is light and a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old style sprayers which require the operator to be constantly pumping in order to do the spraying. The "Auto-Spray" does the work as fast as a man can walk. Descriptive circular sent on application. Price: Auto-Spray, with galvanized iron reservoir \$4.50; with solid copper reservoir \$6; extension rod galvanized, 35c.



**SYRINGES, BRASS.** Style B, 1 3/4 inches long, 1 3-16 inches diameter. Price \$2.50.

## BELLOWS.



For powder. No. 14, holds 4 oz. Each ..... \$1 00  
 For powder. No. 19, holds 8 oz. Each ..... 1 25  
 Woodason's Liquid Spraying Bellows. Throws a fine mist spray. Each ..... 2 00

**LIGHTNING COMPRESSED AIR SPRAYER.** Is operated by compressed air, forcing the liquid out as desired in either fine or coarse spray. A great improvement over common sprayers. Ask for special circulars. Price \$4.25.

## Novelty Tin Spray Pump.

Is used in a bucket. Has four nozzles. Is especially adapted for throwing insecticides on bushes, whitewashing chicken houses, etc., also washing windows, buggies, etc. Price complete. \$1.25.



**Scollay's Sprinkler.** The very best. When once used you will wonder how you got along without it. For sprinkling plants, applying insecticides, etc., will last a lifetime. No. 1, large, \$1, by mail \$1.10. No. 3, medium, 75c., by mail 80c. No. 4, small, 60c., by mail 65c.

**Special Offer.** Add to Scollay prices twenty-five cents (25c.) and receive an 8-ounce cake of Sulpho-Tobacco Soap. For ten cents (10c.) we will include a 3-ounce cake. Those taking advantage of this special offer will receive also a valuable booklet. "The Window Garden, How to care for it and What to grow in it."

## The Little Aspinwall Sprayer.

The best low priced tin sprayer on the market. It throws a spray as fine as steam, and is very useful for



applying Liquid Lice Killer in cracks and crevices about the poultry house, roosts, nest boxes, etc.; also about the hog pens. It is more economical of the insecticide than a paint brush or other means of application. For applying insecticides onto rose bushes, shrubs, etc., it is unequalled. Price 75c., not prepaid.

## The Deming Bucket Pumps.

No. 689 THE "PERFECT SUCCESS." For bucket use. Has all parts with indestructible bronze valves. Malleable iron combination foot-rest. Has large air chamber and is double acting, throwing a continuous stream. Is provided with Bordeaux Nozzle and four feet of discharge hose. Net cash price complete as shown in cut, except bucket, \$4.25.



No. 669 THE "PRIZE." Has brass working parts with bronze ball valve and malleable foot-rest. Is the best pump for the price that has ever been offered. Is furnished with Acme Nozzle. Net cash price, \$2.50. We carry a full assortment of Deming Pumps.

When wanting larger Sprayers for use on barrel, also power Spraying Pumps, write us for complete catalogue of Spray Pumps.

A good book by Prof. Weed, entitled "Weed's Spraying" 25c by mail.

## Small Garden Implements.



**STEEL TROWEL.** Is of one solid piece of steel, and will outwear several of the ordinary sorts. No. 309, 6-inch. 30c. each, 3 for 75c. No. 309, 6-inch, extra heavy, 40c. each, 3 for \$1.

**COMMON RIVETED TROWEL.** 6-inch 10c.; 7-inch 15c.; 8-inch 20c.

**CLEVES ANGULAR  
 TRANSPLANTING  
 TROWEL—Small**  
 20c., large 30c. each



**HAZELTINE WEEDER.** One of the best solid steel, good size and durable; in very general use over the country. Each, 25c postpaid.



**LANG'S HAND WEEDER.** One of the best of this class, allowing use of hand while working. Each, 25c; postpaid.



**EXCELSIOR WEEDER.** A very useful tool for weeding seed beds, stirring the ground, etc. This is one of the most useful tools in working the garden. No one should be without it. Each, 15c.; 3 for 35c., prepaid.



**COMBINATION WEEDER.** Combining, as it does, both the rake and hoe, it is the most serviceable, durable and the most perfect weeder on the market. Allows weeding close to the plants, and is offered at about the same price as other weeders. Each, 30c. postpaid.



## Plant Dibber.

Has wooden handle with solid steel point. Used in making holes for setting out plants. 30c., by mail 40c.



**ASPARAGUS KNIFE.** Made of the best steel. Used also to cut Dandelion from lawns. 40c., by mail 50c.



**ENGLISH DANDELION PULLER.** A very useful tool for this particular work. Every lawn keeper should own one. 50c. each. By mail 60c.

**SHEEP SHEARS.** For trimming around flower beds, etc. 35c. each; by mail 45c.



**GARDEN LINES.** These lines are made expressly for this purpose. Best braided. 100 feet 50c.; by mail 60c.  
**REELS.** For same. Per set 50c.

## Climax Lawn Weeder.



No more back-ache when weeding with this tool. A simple and easy working device for removing noxious weeds and plants from lawns. Easily operated and does effective work. The full length is 42 inches, enabling the operator to stand erect. Push the chisel under the plant at an angle that will sever the roots. A slight pull on the trigger brings the grab down which securely holds the plant, lifting it out and leaving only a slight mark. Price 75c., cannot be mailed.

## THE "COOPER" HOSE MENDER.



The best "mender" on the market, made of copper, with barbs on each end, which prevent hose from slipping out. Will not rust or wear out. Millions in use. 1/4 or 3/8 inch, each, 10c., doz 75c. Postage extra.



**Kramer's Pot Hangers.**



The neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches across. Price \$1.35 per doz. postpaid. Sample, 15c.

**Flower Pots and Saucers.**

These prices include packing and delivering to Railroad in this city.



**PRICE LIST.**

	Per Doz.	Per 100	Per 1000
2 inch Pots .....		\$ 0.80	\$ 5.00
2 1/4 " " .....	\$0.20	1.00	6.50
3 " " .....	.30	1.50	8.00
4 " " .....	.45	2.00	12.50
5 " " .....	.60	3.00	22.00
6 " " .....	.75	4.00	31.00
7 " " .....	1.00	6.00	43.00
8 " " .....	1.25	8.00	63.00
9 " " .....	1.50	11.00	100.00
10 " " .....	2.00	14.00	125.00
4 " Saucers .....	.35	1.60	11.00
5 " " .....	.50	2.00	15.00
6 " " .....	.60	3.00	18.75
7 " " .....	.70	3.75	25.00
8 " " .....	.80	5.00	31.00
9 " " .....	1.00	6.00	50.00
10 " " .....	1.25	8.00	63.00

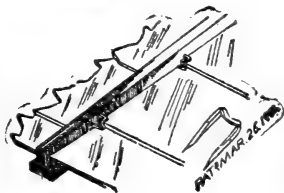
**EARTHEN HANGING BASKETS.** 9 inch wide, each 25c., 10 inch wide, each 25c.

**Hose Nozzle.**



Boston Rose Spray. Brass. 3-inch flat face. Fine or coarse for 3/4 inch hose, 60c.

**Van Reyper or Peerless Glazing Points.**



No rights or lefts. Holds glass firmly. No. 1 for small single thick glass. No. 2 for medium double thick glass. No. 2 1/2 for large double thick glass and skylight. 1000 in a box for 70c., by mail 85c.

**Mastica.** For glazing greenhouses. Saves much time and expense. Nothing equals it. Per half gallon, 75c.; gallon \$1.25; 6 gallons, \$7.

**Mastica Machine.** For applying mastica. \$1.25.

**TROWBRIDGE GRAFTING WAX.**

cake 15c., 1/2 lb. cake 20c., lb. cake 35c., 5 lbs., @ 25c. per pound.

This is made to standard formula and furnished in cakes ready for use. 1/4 lb. Postage 16c. per pound extra.

**GOOD BOOKS ON GARDEN AND FARM TOPICS.**

All Sent Prepaid at These Prices.

- Asparagus. Its culture for home use and market. Cloth cover. Price 50c.
- Bulbs and Bulbous Plants. Illustrated. Price 20c.
- Bailey's Forcing Book. Complete treatise for growing vegetables under glass. Price \$1.
- Cabbage and Cauliflower for Profit; by J. M. Lupton. Price 30c.
- Celery for Profit; by T. Grenier. Illustrated. Price 20c.
- Gardening for Profit; by Henderson. Latest edition. Price \$1.50.
- Green's Vegetable Book. Illustrated. Price \$1.

**Scollay's Putty Bulb.**

For applying liquid mail 10c. extra.

For applying liquid putty. Each \$1.00; by

**THERMOMETERS.**



We carry a large assortment for various purposes. For house use, for incubators, for dairy use, and especially for Green-house and Hot Bed use. You can depend on these.

**The Self-Registering.**—Tells you each day the lowest and highest of heat and cold. Complete with magnet for \$2.50.

**All Glass.**—10 inches long. For hot bed. Large figures. Price, \$1.00.

**Hot Bed Special.**—(See cut.) Metal back, mounted on walnut with heavy brass pointed bottom. Recommended especially for mushroom beds. Price \$1.50.

**Hot Bed.**—Metal back on wood. Large figures. (See cut.) 10 inch, 25c. 3 for 60c.

**Standard Thermometer.**—For general purposes. Tested. 65c.

**"Cottage" Thermometer.**—With Barometer. Wood back. 25c.

**8-in. Japanned Back.**—Colored spirit. Low grade. Each, 15c., 2 for 25c.

Thermometers should not be mailed.

**Raffia—"G. H. R." Brand.**

Used extensively in fancy work, hats, baskets, etc., also for tying. Our stock is the best grade obtainable.



Natural, per bunch (about 3 ounces), price.....	\$0 10
" per half pound, price.....	20
" per pound, price.....	30
in original skeins, at 25c. per pound.	
Colored, per bunch (about 2 ounces), price.....	10
" one-fourth pound, price.....	25
" half pound, price.....	40
" per pound, price.....	75
If by mail add 2c. per oz., 5c. per 1/4 lb., or 16c. per lb. for postage.	

**REEDS (RATTAN.)**

No.	Oz.	1/4 lb.	Lb.
1	\$0 10	\$0.35	\$1.25
2	.10	.30	1.00
3	.10	.30	1.00
4	.10	.25	.80
5	.10	.20	.65
6	.10	.20	.60

If by mail add 2c. per oz., 5c. per 1/4 lb., or 16c. per lb. for postage.

Samples on application.

When wanting larger quantities than above write us.

Prices to dealers on application.

**HOW TO USE RAFFIA AND REEDS** is fully described and illustrated in books we have for sale.

# "Planet Jr.," Garden and Farm Tools.

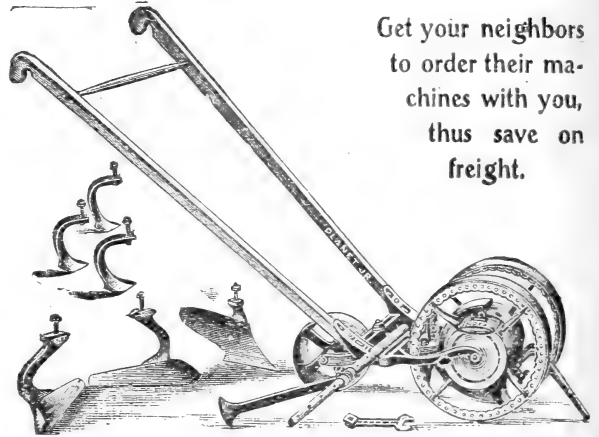
Space will not permit our showing and describing all of the "Planet Jr." tools but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your orders to us, you can rely on getting bottom prices and saving in transportation from the East.

Ask us for prices to include freight prepaid to your Railroad Station.

## No. 1 Combined Drill Seeder, Wheel Hoe, Cultivator and Plow.

This has long been the most popular combined tool made. As a seed sower it is the same as No. 2 Drill Seeder but smaller, holding three pints. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be attached. It is an excellent seed sower, a first-class double or single wheel hoe, an excellent furrower, an admirable wheel cultivator, and a rapid and efficient garden plow. It is a practical, every-day time and labor saver, and a grand remedy for backache. Weighs 45 lbs.

Price, with tools as shown, \$9.50.

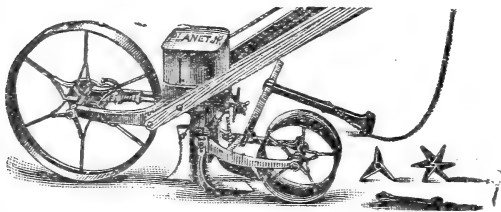


Get your neighbors to order their machines with you, thus save on freight.

## No. 2 Drill Seeder.

Similar to the No. 1 Combined except the seed hopper is larger, holding three quarts, and machine has no cultivator attachments. Weighs 38 lbs.

Price \$7.50.



## No. 3 Hill and Drill Seeder.

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills, at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever; or, the flow of seed is stopped by pushing down the feed rod. No time is lost; no seed is wasted. It is quickly set to sow different kinds of seed in the exact thickness desired. It covers and

rolls down light or heavy, and marks the next row clearly. 15-inch patent steel drive wheel; it runs light, and sows equally well with a full hopper or a tablespoonful of seed. Holds three quarts. Weighs 44 lbs.

The accurate hill dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over in seed alone. We guarantee this drill to be more accurate than any other made, and to give satisfaction in every respect. Price \$10.50

## No. 5 Hill and Drill Seeder.

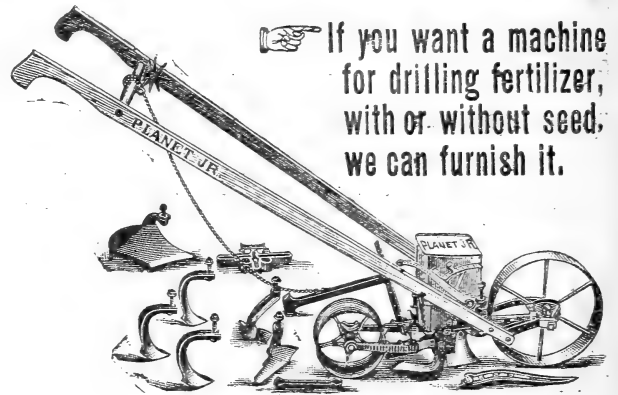
Is quite identical with No. 3, except its larger hopper, has drive wheel 16 1/4 inches in diameter, capacity five quarts. The machine is built slightly heavier, weighing 43 pounds. Price \$13.

## No. 4. Improved Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow.

This admirable tool combines in a single convenient implement a grand hill-dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator, and a plow. It holds two quarts and as a seeder is like the No. 3, sowing in continuous rows, or dropping in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crop.

Price with tools as shown weighs 47 lbs., \$10.50. No. 4, Plain Drill only, no attachments (parts cannot be added except at extra expense). Weighs 38 lbs. Price \$8.50.

When ordering be careful to designate whether "Combined" or "Plain."

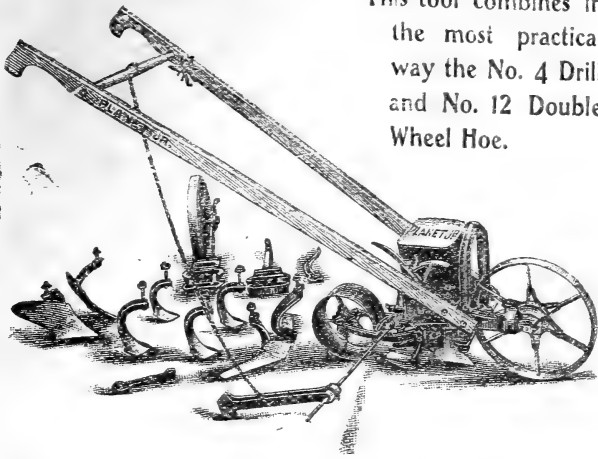


If you want a machine for drilling fertilizer, with or without seed, we can furnish it.

REMEMBER. We may be able to save you money on your general order of Garden Tools, Seeders, Cultivators, Sprayers, Etc. Let us figure on your entire list.

**No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe, Plow, Etc.**

This tool combines in the most practical way the No. 4 Drill and No. 12 Double Wheel Hoe.



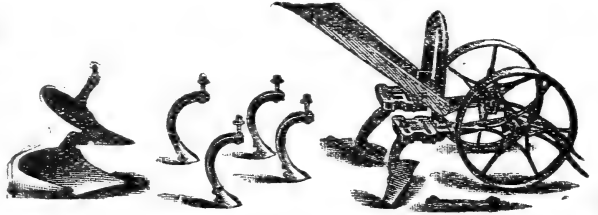
This new combined machine is intended for a class of gardeners who have large enough acreage in crops for a Double Wheel Hoe to be used to good advantage, and yet prefer not to buy a separate Wheel Hoe. It is large enough for field use, for it holds 2½ quarts (or about 5 pounds of onion seed) and has 11¼ inch wheels—which are just the right size.

As a Drill it is almost identical with the "Planet Jr." No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart and has the same automatic device for throwing out of gear and the new combined cut-off and seed index with thumbscrew adjustment. It is thoroughly substantial and accurate in sowing all kinds of garden seeds in either hills or drills.

As a Wheel Hoe it is identical with the "Planet Jr." No. 12 Double Wheel Hoe, the very best machine on the market. The change from Drill to Wheel Hoe takes but a moment, and the entire combination is one we can heartily recommend and guarantee satisfactory. Weighs 59 lbs. Price, with all parts as shown in cut, \$13 50.

**No. 12 Double Wheel Hoe, Cultivator and Plow.**

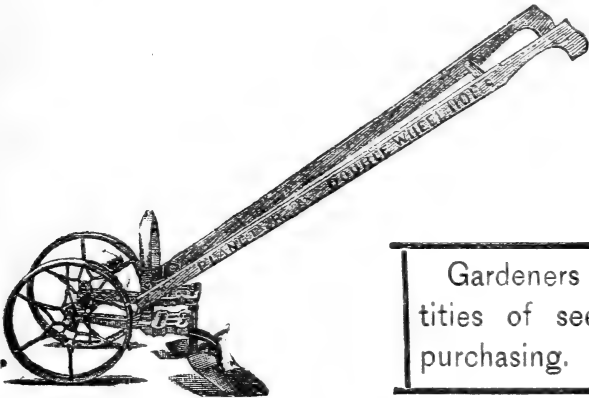
The number of different kinds of work done by this one tool is marvelous; and all are done in the most perfect manner. The teeth are changed with the greatest ease and quickness, without taking the nuts from the standards. The wheels may be set at four different distances apart; the frame at three heights. The handles are adjustable in height to suit man or boy. Its rapid and perfect work; its the most money-making tool a farmer can own. Weighs 32 lbs. Price, with tools as shown, \$7.00.



**No. 11.** Is the No. 12 with addition of Rakes and extra pair of short Scuffle Hoes. Price \$9.00.

**No. 13 Double Wheel Hoe.**

As is shown in the cut, a high arch with only a pair of 6-inch hoes—the most useful tools of any. Unquestionably an onion grower gets more service from this low priced tool for the amount invested of any tool we can offer. Double Wheel Cultivators are economical of time by working astride the row. Weighs 25 lbs. Price \$4.75.



Gardeners Associations and others using large quantities of seeds should write us for prices before purchasing. : : : : : : :

**Single Wheel Hoe, Cultivator and Plow.**

These tools have all the latest improvements offered in Planet Jr. goods. The handles are adjustable in height. The wheels can readily be changed in height and from one side to the other of frame. The cultivator's teeth, hoes, plow, etc., are of high carbon steel, finely finished and "work to a charm."

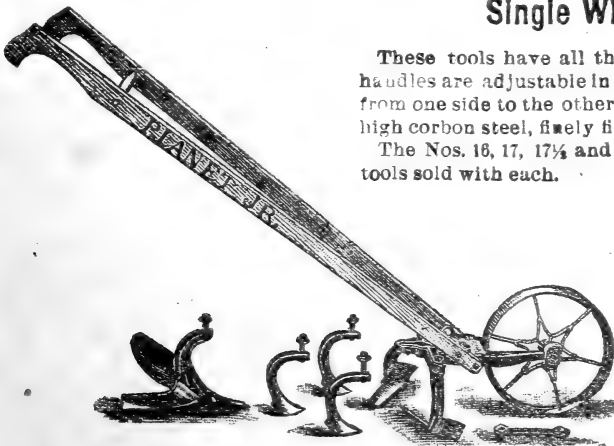
The Nos. 16, 17, 17½ and 18 are all the same model, the only difference is in the tools sold with each.

**No. 17.** Weighs 24 lbs. Price with tools as shown in cut \$5 00.

**No. 16.** Same tools as with No. 17, and in addition has a Leaf Guard, one 7-inch and one 4-inch Rake. Weighs 26 lbs. Price \$5.85.

**No. 17 1/2.** Same as no 17, except have omitted the Plow and added a Leaf Guard, making it an excellent tool for onion and sugar beet cultivating. Weighs 21 lbs. Price \$4.50.

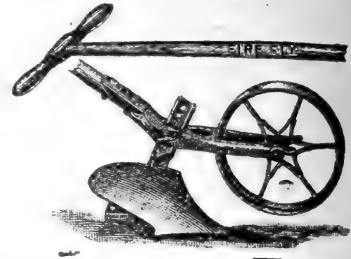
**No 18.** This tool has the same frame and handles as No. 17, but has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. All the other tools can be added as needed. Weighs 20 lbs. Price \$3.50.



No. 17 Single Wheel Tool.

**The "Fire-Fly" Garden Plow.**

This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. When irrigating especially useful in making the lateral ditches. Chicken-raisers will find it very useful in plowing up the scratching yards. The moldboard is of tempered and polished steel; the depth is quickly changed. Weighs 13 lbs. Price \$2.35.



**Planet Jr. Grass Edger.**

Will edge straight or curved work on paths, drives, flower beds, etc., and should be the constant companion of the lawn mower.

Strawberry Growers find the Grass Edger, with the hoe removed, a rapid and perfect tool for cutting off surplus runners. Weighs 26 lbs. For full description and illustration ask for catalogue of Planet Jr. tools. Price \$6.00.

**Extras and Parts for Planet Jr. Hand Tools.**

	Price.
Double Moldboard Plow, fits Single Wheel Hoes and the combined Drill. Works, widest 14-in., narrowest, 10-in.	\$1.60
Onion Harvester and Path Cleaner. 8-inch @ 75c. 12-inch	1.00
Scuffle Hoes, fits any of the hand tools. For right hand style order "D-I," for left order "O," and state whether wanted 6-in. long or 4-in. long blades. Each	50
Scuffle Hoes, blades only. Above sizes and styles. Each	25
Rakes for Combined No. 1. Drill, per pair	80
" " " " 4. " " set of 3	1.25
" " Single Wheel Hoes. One 7-in., one 4-in. per pair	1.00
Plow for Combined Drills and also S. Wheel Cultivators. Each	1.25
Plows for Double Wheel Hoes, etc. Per pair	1.00
Cultivators, complete, for all hand tools. Each	35

For other parts and extras, write us and if possible designate by "number" stamped on part wanted.

**DON'T SEND EAST FOR GARDEN TOOLS WHEN YOU CAN GET THEM IN DENVER AT EASTERN PRICES.**

**Farmer's No. 19 Drill Wheel Hoe.**

This new and attractive implement is especially designed for the Farmer's Garden Work, though it offers to every one with either field or garden, a cheap and effective tool for all hand wheel hoe operations.

The wheel is high and is made with stiff steel rim and spokes, and a combination steel and malleable iron hub. The wheel arms are steel and the frame of the tool is attached adjustably to the wheel arms, so that the height of the handles may be readily changed to suit man or boy.

The Standard is slotted to make regulation of depth easy and by means of an adjustable malleable filling piece, the same standard is made to carry perfectly all the steels that come with the machine.

The parts furnished with this tool are: A large Garden Plow, one ten inch Sweep, one six inch Sweep, one four inch Cultivator Tooth, one two inch Cultivator Tooth. Weighs only 22 lbs. Price complete \$3.75.



Note the High Wheel on this Tool--Easy to run.

Positively there are no better tools made for the garden than the PLANET JR.

**"Planet Jr." Twelve-tooth Harrow and Cultivator.**

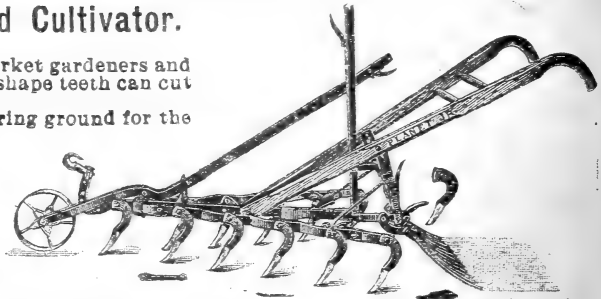
This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shape teeth can cut an inch wide each. It may be set with teeth trailing.

The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion; it contracts to 12 inches, and may be further reduced in width by taking off the outside teeth; it expands to 32 inches. It cultivates deep without throwing earth upon the plants, and the smooth, round-throated teeth turn strawberry runners without injuring them.

Price complete as illustrated (weighs 74 lbs.) \$8.50.  
Same without the Pulverizer attachment (weighs 66 lbs.) \$6.90.

Same without both Wheel and Pulverizer attachment (weighs 53 lbs.) Plain \$5.80.

Strawberry Runner Cutter Attachment, consisting of a 10-inch disc mounted on an outrigger, extra. Price \$1.75.  
Special 18 inch Sweep with Standard, made expressly to fit this tool when Pulverizer is taken off. This combination makes sure destruction of all weeds in its path. Price, \$1.40.



For a Good Lawn ask for our "Denver" Lawn Grass Seed.



### Planet Jr., No. 8 Horse Hoe and Cultivator.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

The Frame is extra long and extra high, making a tool that will not clog easily.

The Stiff Steel Standards are hollow with round throats; they polish quickly and free themselves readily from obstructions and they clasp the frame and strengthen it.

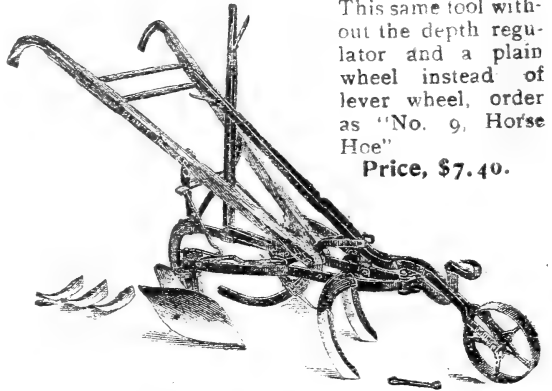
The Depth is under perfect control by a new lever wheel and patent depth regulator, moved instantly in unison by a single lever, making exact work, steadying the machine and relieving the operator.

The Expander is an entirely new pattern, superior to all other forms; exceedingly strong, simple, accurate and positive in all positions.

The Handle and Braces are also new, and the most effective and stiffest combination known, at once making the tool rigid, yet allowing every adjustment of handles in height and side-wise.

The reversible Side Hoes, patented, are an important part of the implement. As shown in the cut, they act as plows or hillers, but when turned end for end the tool becomes a genuine horse hoe, working so shallow and so close, without injury to the roots, that an immense amount of hand labor is saved.

Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. (Weighs 82 lbs.) Price \$8.50. Without depth regulator (order as No. 7). Price \$8.00.



This same tool without the depth regulator and a plain wheel instead of lever wheel, order as "No. 9, Horse Hoe"

Price, \$7.40.

### No. 4. Planet Jr. Plain Cultivator

This tool has the same steel standards and rigid frame of the No. 8. Has plain cultivator teeth only, with a stirrup clamp instead of lever spreader. (Weighs 56 lbs.) Price, with plain wheel, \$5.00, Without wheel, \$4.25.

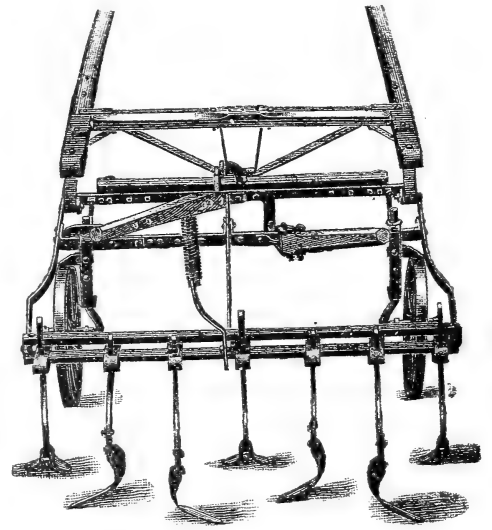
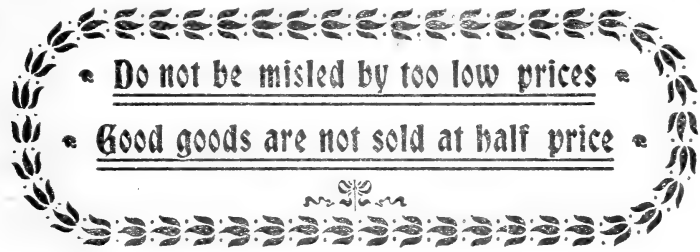
### No. 53. One Horse two row Sugar Beet Hoe and Cultivator.

This tool is built for Sugar Beets and garden crops when planted in rows 16, 18 or 20 inches apart.

Has two pairs of patent Beet hoes, three 5 inch sweeps, a set of seven 1 1/4 x 8 inch cultivator teeth, not shown in cut, all complete.

For more detailed description see Planet Jr., catalogue.

Weighs 230 lbs. Price, \$25.00.



### No. 41. Orchard and Universal Cultivator.

This is a new Orchard and Universal Cultivator, with patents pending, built to combine strength, lightness, adjustability and efficiency to the fullest extent in one tool, representing in itself all the advantages of our earlier patterns, with important improvements added.

Wheels. The steel wheels are low, entirely within the frame, and therefore do not catch and injure low limbs, etc. They do not change in width. The Tongue is Steel, with either steel or wood evener and singletrees.

The Frame is high carbon steel, compact in form, well braced, heavy and strong.

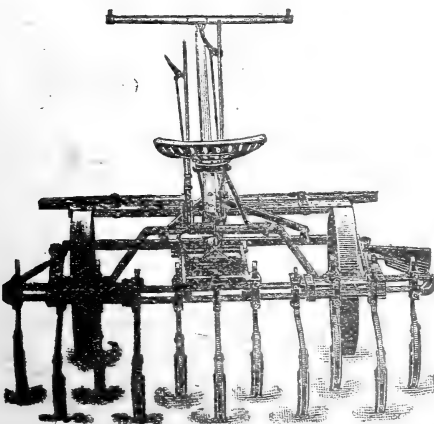
Without the extensions, it cuts four feet in width, having seven stiff steel standards, carrying 2 1/4 in. x 10 in teeth.

With the extensions, it cuts six feet six inches, carrying eleven teeth. The frame can be changed quickly to cut any width from six and a half down to four feet.

The Tree and Fruit Shield, is arranged on the right to be used next the tree row and avoids injury to either trees or fruit.

This Cultivator is more of a general purpose two horse tool than any other Cultivator on the market. It is recognized as the leader in all parts of the world. Fruit men can not afford to be without it. Weighs 450 lbs.

Price, Complete with extension, \$44 00; without extension (weighs 372 lbs.) \$34.00.



This Cultivator and other horse tools are described in full in the new Planet Jr. Catalogue for 1904. We can supply any Planet Jr. tool manufactured. Ask for Catalogue.

**Extras and Repairs for Planet Jr. Horse Tools.**

Each		These prices are F. O. B. Denver.		Each.		Each.	
1 1/2 x 8 inch Steels	\$ 10	8 inch Shovel Steel	\$ 35	5 inch Beet Sweeps, Steel	\$ 20	8	\$ 25
2 1/2 x 8	10	Bolts 3 for	10	10 " Farrower	25	15	30
3 x 8	5 for 60	8 inch Sweep and Bolt	35	20 " " with wings	3 00	20	3 25
4 x 8	5 for 65	10 " " " "	40	20 " " with renewable point	3 00		
4 1/2 x 8	5 for 70	12 " " " "	45	Ridging Steels,	1 25		
1 1/2 x 10	5 for 70	15 " " " "	50	Hilling attachment	3 50		
2 1/2 x 10	5 for 85	18 " " " "	60	Roller	2 00		
3 x 10	5 for 90	6 " Hoe and Bolt	50	Reversed Rake	1 00		
4 x 10	5 for 1 10	10 " " " "	60	Pulverizer	3 85		
6 inch Side Steels, each	60	Beet Hoes, each	50	Pulverizer for Harrow, special	2 00		
7 " " "	70	3 inch Beet Sweeps	25				
7 " Shovel Steel	30						

Customers will please note that the above prices are but a slight advance over prices for same if purchased at the factory. We carry above in stock at Denver. If other parts or repairs are wanted we can furnish at factory price f. o. b. factory, customer paying expressage. A complete list of repairs furnished on application when needed.



**CHAMPION  
BALL-BEARING  
CORN SHELLER.**

A SHELLER THAT  
SHELLS.

Can be fastened to box or board. Very easily run, and shells rapidly. Has automatic spring adjustment, adapting itself to all sizes of corn. Weighs about 20 lbs. Price \$2.50.

**Improved Champion,**

Smaller than old Champion. Price \$2.

**Moth Catcher.**

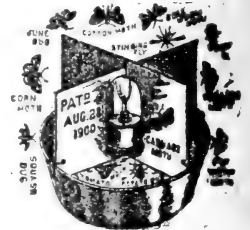
A GREAT INVENTION.

Better and Cheaper than Spraying.

Is made of bright metal, a lamp burning in center attracts the flying insects. We can recommend it in orchards for moths on apple, peach, plum and cherry trees. In fields for cabbage, corn, melons, squash, berries, grapes, etc.

Prices, Complete Without Pan 85c., Large Size \$1.

Must be sent by express or freight. Send in your order early—be ready for 'em.



**BEE KEEPERS'  
SUPPLIES.**

We carry a very large stock of high grade

**DOVETAILED BEE HIVES,  
No. 1 WHITE SECTIONS,  
SHIPPING CASES, ETC.**

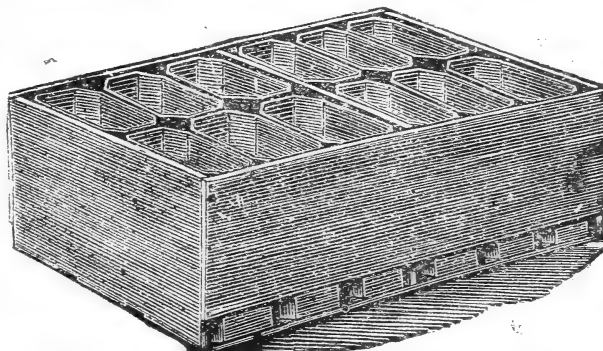
**WE BUY AND SELL BEES WAX.**

Send us a list of your wants and let us figure on same. We are in no Trust or Combination; can make you interesting prices.

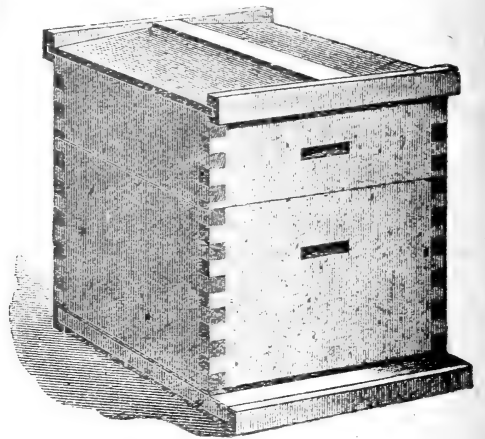
**FRUIT PACKAGES OF EVERY DESCRIPTION.**

We handle more of these goods than any house west of the Missouri river.

We have Apple, Pear, Peach, Plum, Cherry and Tomato Crates, Vegetable Boxes and Baskets, Cantaloupe Crates, Grape Baskets, Magnetic Hammers, Tacks, Paper, Etc.



We Make a Specialty of BERRY BOXES AND CRATES.



**LESLIE  
WINE MEASURE.**

The Leslie style is the standard octagon box for the western trade.

Our Special Circular and Price List of Fruit Packages will be Mailed on Application.

# POULTRY FOODS AND SUPPLIES.



We are far the largest dealers and jobbers in poultry goods in the West, and are constantly adding to this line. Anything of

merit can usually be found with us.

Owing to the early publication of this list, we cannot guarantee prices. Some breeds will go higher, while others will be lower by the time the breeding season opens. We will fill orders at present prices, unless there should be a big advance, when we would expect our customers to stand part of it. Should there be a marked decline, we will give our customers the benefit of it by prepaying express or refunding part of money sent. We will be pleased to give prices at any time.

In writing us, please state as definitely as possible just what is wanted, whether fowls for general utility or exhibition specimens, thus often saving considerable correspondence. Should there be other breeds you are interested in, write us. We are in touch with nearly all the principal Colorado breeders and can usually procure what is wanted and sell at the right price.

We guarantee safe arrival of all poultry and eggs. Send for our special catalogues "Poultry Supplies" and "Thoroughbred Poultry."

# INCUBATORS.

**CYPHERS.** 60 egg size, \$15; 120 egg size, \$22; 220 egg size, \$30; 360 egg size, \$33. They have proven very satisfactory in Colorado. Ask for descriptive circular telling all about them.

**BROODERS.** Cyphers outdoor style A, \$14; indoor style B, \$12.

# LICE KILLERS.

**LEE'S.** (Liquid) 1 quart can 35c.; half gallon, 60c.; one gallon, \$1.

**CYPHERS.** (Powder) 5 oz. 10c.; 15 oz. size 25c.; 48 oz. size 50c.; 100 oz. size \$1.

# CUTTERS.

**BONE CUTTERS.** Humphrey's, No. 1, \$13.  
**CLOVER CUTTERS.** Mann's. Price complete, \$11.50. Mann's, without iron legs, \$9.  
**CLOVER CUTTERS.** Humphrey's for use on bench, \$9.  
**Stearn's.** This little cutter is made in convenient size for use on bench or table. Price \$3.

# POULTRY FOODS.

	Per 10 lbs.	25 lbs.	100 lbs.
Crushed Oyster Shell	\$0 25	\$0 50	\$1 40
Mica Crystal Grit	25	45	1 25
Granulated Bone, best grade	50	1 00	3 00
Bone Meal, best grade	50	1 00	3 00
Out Meat and Bone (dried)	35	75	2 25
Dried Blood Meal	3 lbs. 25c.	70	1 50
Meat Meal, also Meat and Bone Meal, prices for each 10 lbs. 50c., 25 lbs. \$1, 50 lbs. \$1.65, 100 lbs. \$3.			

**MIDLAND POULTRY FOOD.** The balanced ration, per sack, \$2.20; 3 sacks at \$2.00 per sack.

# Price List Thoroughbred Poultry, and Eggs for Hatching.

	MALES.	TRIO.	DOZ.	EGGS 1 Sett'g	EGGS 2 Sett'g
Barred Plymouth Rocks	\$1 50 to \$3 00	\$4 00 to \$6 00		\$1 50	\$2 50
White "	1 50 to 3 50	5 00 to 6 50		2 00	3 50
White Wyandottes	1 50 to 3 50	5 00 to 6 50		1 50	2 50
Black Langshans	1 50 to 3 50	5 00 to 6 50		2 00	3 50
Light Brahmas	2 00 to 3 50	5 00 to 6 50		2 00	3 50
Rhode Island Reds	1 50 to 3 50	5 00 to 6 50		2 00	3 50
Brown Leghorn, S. C.	1 50 to 2 50	4 00 to 5 00		1 50	2 50
" " R. C.	2 00 to 3 00	4 00 to 6 00		1 50	2 50
White " S. C.	1 50 to 3 50	4 00 to 6 00		1 50	2 50
Buff " S. C.	2 00 to 3 50	5 00 to 6 50		2 00	3 50
Buff Orpingtons	2 00 to 3 50	5 00 to 6 50		2 00	4 00
Black Minorcas, S. C.	1 50 to 3 50	5 00 to 6 50		2 00	3 50
" " R. C.	1 50 to 3 50	5 00 to 6 50		2 00	3 50
Houdans	2 00 to 3 50	5 00 to 6 50		2 00	3 50
Turkeys—Bronze	3 00 to 5 00	6 00 to 10 00		1 50	3 00
"—White Holland	3 00 to 5 00	6 00 to 10 00		2 00	3 50
Ducks—Pekin	1 50 to 2 50	4 00 to 6 00		1 50	2 50
Geese—Toulouse	2 00 to 3 00	5 00 to 8 00		2 00	3 50
Guineas—Pearl	1 25 to 2 00	3 00 to 4 00		1 50	2 50
Pigeons—Homers, per pair	1 50 to 2 00			1 50	2 50

# ROUP CURES.

**CONKEYS.** Price by mail, 50c. and \$1.

**LEE'S GERMAZONE.** (Liquid) per bottle 50c., cannot be mailed; tablet form 50c., per box, postpaid.

# LEG BANDS.

**NEW CHAMPION.** Aluminum. Flat, in two sizes—3 and 4 inches—adjustable to fit any fowl. All numbered complete. 12 for 15c., 50 for 50c., 100 for 80c. postpaid.

**ROUND ALUMINUM WIRE.** Number stamped on side. Three sizes, No. 1, very small; No. 2 small; No. 3, medium; No. 4, large. 12 for 20c., 50 for 75c., 100 for \$1.35.

# GOOD BOOKS

FOR POULTRY AND PET STOCK FANCIERS.

ALL PREPAID AT PRICES NAMED.

**500 Questions and Answers.** Revised edition by P. H. Jacobs. It tells briefly, but clearly, hundreds of things the chicken grower wants to know. Price 25c.

**The Hen Business from A to Z.** By Mrs. Taylor. Is practical. Every amateur needs it. Price 25c.

**Poultry Houses and Fixtures.** 32 pp. Contains latest designs for city or village fancier. Price 25c.

**Reliable Poultry Remedies.** 64 pp. Gives remedies for all the ills of poultry and tells how to prevent diseases. It is a book that will save you dollars. Price 25c.

**Broilers for Profit.** By M. K. Boyer. A practical work by a practical writer. Price 50c.

**Barred, White and Buff Plymouth Rocks.** 88 pp. Illustrated. Articles by Hawkins, Hitchcock, Emery and other reliable judges. Price 50c.

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 No. 1—1/4 inch for Bantams.  
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 No. 4—1/2 inch for Americans.  
 No. 5—1 inch for Asiatics.  
 No. 6—1 1/4 inch for Turkeys.  
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**Pigeon Queries.** It is indispensable to pigeon keepers. Written in questions and answers. Price 25c.

**Money in Squabs.** By J. C. Long and G. H. Brinton. It is the handsomest as well as the most practical book published on the subject.

**Diseases of the Dog and How to Feed.** Price 10c.

FOREIGN NAMES OF VEGETABLES AND HERBS.

ENGLISH.	GERMAN.	FRENCH.	SPANISH.	ITALIAN.	DUTCH.	POLISH.
Anise	Anis, Gruner Anis	Anis	Anis, Matalahuga	Aniso, Anacio	Anijs	Anyz
Artichoke	Artischoke	Artichaut	Alcachofa	Articocca	Artisjok	Karczochy
Asparagus	Spargel	Asperge	Esparrago	Sparagio	Asperge	Szparagi
Balm	Citronen-Melisse	Melisse citronelle	Toronjil, Citronella	Melissa	Citronen-Melisse	Balsam
Basil	Basillikum	Basilic grand	Albaca	Basilico	Basilicum	Bazylija
Beans	Bohnen	Haricots	Habichuela	Fagiuolo	Boonen	Fasola
Beet	Rube	Betterave	Remolacha	Barbabetola	Bieten	Buraki
Borage	Boretsch	Borrache	Borraja	Boragine	Bernagie	Boraz
Brocoli	Spargelkohl	Chou Brocoli	Broccoli	Broccoli	Broccoli	Brokoty
Brussels Sprouts	Rosenkohl	Chou de Bruxelles	Bretones de Bruselas	Carolo di Brusselles	Spruitkool	Latorvil
Cabbage	Kopfkohl, Kraut	Chou pomme	Col repello	Cavolo cappuccio	Sluitkool	Kapusta
Cabbage, Savoy	Wirsing	Chou de Milan	Col de Milan	Cavolo di Milano	Savoieikool	Sabaudzka Kapusta
Caraway	Feld-Kummel	Cumin des pres	Comino	Carvi	Karwij	Kmin
Carrot	Carotten, Mohren	Carotte	Zanahoria	Carota	Wortelen	Marchew
Cauliflower	Blumenkohl	Chou-fleur	Coliflor	Cavolfiore	Bloemkool	Kalafory
Celery	Sellerie	Celeri	Apio	Sedano	Selderij	Selery
Celeriac	Knoll-Sellerie	Celeri-rave	Apio-nabo	Sedano-rapa	Knolselderij	Brukwiara
Chervil	Kerbel	Cerfeuil	Perifollo	Cerfoglio	Kervel	Czechrzyca
Chicory	Cichorienwurzel	Chicoree sauvage	Achicoria	Cicoria selvatica	Sukkerij	Kokrzyca
Coriander	Coriander	Coriandre	Culantro	Coriandorlo	Koriander	Koleder
Corn Salad	Feldsalat	Mache	Canonigos	Valeriana	Veldsia	Ziarno Sataty
Corn	Mais	Mais	Maiz	Mais	Mais	Kukurudza
Cress	Garten-Kresse	Cresson alenols	Mastuerzo	Agretto	Tuinkers	Rzeczucha
Cress, Water	Brunnenkresse	Cresson de fontaine	Berro	Nasturzie aquatico	Wuinkers	Rzeczucha wodna
Cucumber	Gurken	Concombre	Cohombro	Cetriolo	Komkommer	Ogorek
Dandelion	Lowenzahn	Pissenlit	Diente de leon	Dente di leone	Molsla	Papawa
Dill	Dill	Aneth	Eneldo	Aneto	Dille	Koper
Egg Plant	Eierpflanze	Aubergine	Berengena	Petonciano	Melanzian-Plant	Jajkowa
Endive	Endivien	Chicoree Endive	Endivia	Indivia	Andijvie	Endywia
Fennel	Fenchel	Fenouil	Hinojo	Finocchio	Knofel	Koper
Garlic	Knoblauch	All	Ajo	Aglio	Knoflook	Czosnek
Horse Radish	Meer Kettlig	Raifort sauvage	Taramago	Rafano	Peperwortel	Chrzan
Hyssop	Isop	Hyssope	Hisopo	Issopo	Hyssop	Hyzop
Kale	Blatterkohl	Chou vert	Breton, Berza	Cavolo verde	Boerenkool	Solanka
Kohl Rabi	Knollkohl	Chou-rave	Col rabano	Cavolo rapa	Koolrabi	Kalarepa
Lavender	Lavendel	Lavende	Espiego	Lavanda	Lavendel	Lawenda
Leek	Porree, Lauch	Poireau	Puerro	Porro	Prei	Pory
Lettuce	Lattich, Kopfsalat	Laitue	Lechuga	Lattuga	Kropsla	Salata
Marjoram	Majoran	Marjolaine	Mejorana	Maggiorana	Marjolijn	Majeranek
Melon	Melone	Melon	Melon	Popone	Meloen	Meloc
Melon, Water	Wasser-Melone	Melon d'eau	Sandia	Melone d'acqua	Water Meloen	Melon wodny
Mushroom	Schwamm	Champignon	Seta	Fungo prajalo	Kampenoelie	Gryzb
Nasturtium	Kapuciner Kresse	Capucine	Capuchina	Nasturzio	Capucine-kers	Nasturcyca
Okra	Ocher	Gombaud	Gombo	Ocra		blatozotta
Onion	Zwiebel	Ognon	Cebolla	Cipollo	Uien	Cebula
Parsley	Petersilie	Persil	Perejil	Prezzemolo	Peterselle	Pietruszka
Parsnip	Pastinake	Panais	Chirivja	Pastinaca	Pinksternakel	Pasternak
Peas	Erbsen	Pois	Guisante	Pisello	Erwtan	Groch
Pepper	Pfeffer	Piment	Pimiento	Peperone	Sraasche Peper	Pieprz
Pumpkin	Melonen Kurbiss	Potiron	Calabaza citatera	Zucca	Pompoen	Banla
Radish	Radies	Radis	Rabanito	Ravanello	Radisj	Rodkiew
Rhubarb	Rhabarber	Rhubarbe	Rubarbaro	Rabarbaro	Rabarber	Rubarbaran
Rosemary	Rosmarin	Romarin	Romero	Rosmarino	Rozemarijn	Rozmaryn
Rue	Raute	Rue	Ruda		Wijnruit	Ruta
Saffron	Safran	Safran	Azafran	Zafferano	Saffraan	Szafran
Sage	Salbei	Sauge	Salvia	Salvia	Salvia	Szalwija
Salsify	Haferwurzel	Salsifis	Salsifi blanco	Sassefrica	Salsefy	Jarzywnwa
Sorrel	Sauerampfer	Oseille	Acedera	Acetosa	Zuring	Szezaw
Summer Savory	Bohnenkraut	Sarriette anstelle	Ajedrea comun	Santoreggia	Boonenkruid	Caber
Spinage	Spinat	Epinard	Espinaca	Spinace	Spinazie	Spinak
Squash	Kurbiss	Courge	Calabaza	Zucca	Kalebas	Miekurz
Thyme	Thymian	Thym	Tomillo	Timo	Tijm	Macierzanka
Tomato	Liebesapfel	Pomme d'Amour	Tomate	Pomo d'ore	Tomaat	Pomidor
Turnip	Weisse-Rube	Navet	Nabo	Navone	Rapun	Rzepa, brukiew
Wormwood	Wermuth	Abislathe	Ajenjo	Assenzio	Alsem	Piotun

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# BARTEDES & Co.

DENVER, COLORADO.

Jan							July						
Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
					1	2						1	2
3	4	5	6	7	8	9	3	4	5	6	7	8	9
10	11	12	13	14	15	16	10	11	12	13	14	15	16
17	18	19	20	21	22	23	17	18	19	20	21	22	23
24	25	26	27	28	29	30	24	25	26	27	28	29	30
Feb.							Aug.						
Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
	1	2	3	4	5	6		1	2	3	4	5	6
7	8	9	10	11	12	13	7	8	9	10	11	12	13
14	15	16	17	18	19	20	14	15	16	17	18	19	20
21	22	23	24	25	26	27	21	22	23	24	25	26	27
28	29						28	29	30	31			
March.							Sep.						
Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
		1	2	3	4	5					1	2	3
6	7	8	9	10	11	12	4	5	6	7	8	9	10
13	14	15	16	17	18	19	11	12	13	14	15	16	17
20	21	22	23	24	25	26	18	19	20	21	22	23	24
27	28	29	30	31			25	26	27	28	29	30	
April.							Oct.						
Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
					1	2							1
3	4	5	6	7	8	9	2	3	4	5	6	7	8
10	11	12	13	14	15	16	9	10	11	12	13	14	15
17	18	19	20	21	22	23	16	17	18	19	20	21	22
24	25	26	27	28	29	30	23	24	25	26	27	28	29
May.							Nov.						
Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
1	2	3	4	5	6	7			1	2	3	4	5
8	9	10	11	12	13	14	6	7	8	9	10	11	12
15	16	17	18	19	20	21	13	14	15	16	17	18	19
22	23	24	25	26	27	28	20	21	22	23	24	25	26
29	30	31					27	28	29	30			
June.							Dec.						
Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.	Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
			1	2	3	4					1	2	3
5	6	7	8	9	10	11	4	5	6	7	8	9	10
12	13	14	15	16	17	18	11	12	13	14	15	16	17
19	20	21	22	23	24	25	18	19	20	21	22	23	24
26	27	28	29	30			25	26	27	28	29	30	31

SEED CATALOGUE  
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