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# 1902 Catalog pure & sure Seeds



## PLANT SEED COMPANY

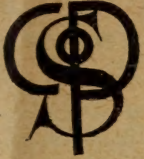
814-816 No 4<sup>th</sup> ST.  
817-819 No 3<sup>rd</sup> ST.

### ST. LOUIS-MO.



St. Louis, Mo.

# Seed Season, 1902



To Our Friends:

It is not unlikely that our customers anticipate the arrival of this, our "silent salesman" with as much pleasure as though we were to make them a personal visit; so that it has seemed proper, during the fifty-seven years that we have issued cata-

logs, to annually express our appreciation of their patronage, and wish them, during the coming year, both prosperity and happiness.

Although the past season has been one of droughts and crop failures in many sections, our country, in general, never enjoyed a more healthy and prosperous condition, and the tiller of the soil shares equally in this with the merchant and manufacturer.

The opening years of this new century will be made memorable by the wonderful strides in man's progress. Advancement and improvement is the order of the age, and it is strongly evidenced in all trades and occupations.

The farmer and the gardener is especially richly endowed with new methods of cultivation, improved implements and labor-saving machinery, valuable economical plants and various gifts of nature that not only facilitate his labor, but enable him to keep abreast of those in other occupations, and find ready markets for his products. The farmer or gardener of to-day who is not progressive cannot long survive his more successful neighbor who casts off the old ways and adopts the new, and is often enriched thereby.

In St. Louis, 1903, these marvelous steps in progress will be exemplified in our World's Fair, where agriculture and its products will be an important feature.

In conducting this business, and in our catalog, it is our policy to be conservative and consistent, and to continually look to the interests of our customers. Our success is dependent upon them, and any changes or innovations made are carefully planned to further advance the interests of our customers, which adds to our steadily increasing business.

It has been our earnest desire to be up to date and make this book unusually interesting, and we trust that our efforts please you.

Very truly yours,

**Plant Seed Co.**

**This Page** is of *Special Interest*  
to **YOU**

Please Read it Carefully

All prices quoted herein are subject to change, and orders are subject to our acceptance.

### Orders

With every Catalog, we always send an order sheet and addressed envelope. These will be found more convenient than an ordinary sheet of paper, and by using the addressed envelope there will be less danger of your remittances being miscarried. Please figure out at the Catalog price just how much seed you want; you do not get any more by leaving the quantity to us.

If you wish any information or prices, please make the inquiry on a sheet separate from your order, we will then give it the best possible attention.

### Correspondence

We make it a rule to answer every letter requiring an answer, but in the spring when we receive so many letters a day and are rushed with orders, it is a physical impossibility to write long replies.

We can furnish books and circulars on many subjects not touched upon in our catalog, and our friends will kindly not expect such "long" letters at this time of the year, as they would in the summer and fall, and must not be offended should we refer them to any of our publications for the desired information, as that is what they are printed for.

### Name and Address

We earnestly request our correspondents to be particular and give their full name, street address, box or rural delivery number, postoffice and State, distinctly written each time they address us. Overlooking any of these essential items in an address may be the cause of vexatious delay.

### Shipping Directions

We deliver our goods to any Railroad Depot or Express Office in St. Louis, as you may direct, the purchaser to pay transportation upon receipt of goods, except where ordered at prices including postage for forwarding by mail. Give your shipping instructions plainly, and if none are designated, we shall exercise our best judgment as to forwarding. The day a shipment leaves our store, we always advise by card through the mail that goods are coming by express or freight. Frequently we find that goods can be forwarded cheaper and safer by prepaid express than by mail, although you may instruct us to mail them.

### How to Remit

Money may be sent at our risk in the following manner: Postoffice Order (use the application blank sent with this Catalog), Drafts on St. Louis or New York, or by Express; remittances for small amounts may be made in postage stamps. Do not send personal checks, as it will cost us 15 cents each to collect. In remitting, purchasers will be particular to send a sufficient amount to cover their orders. When only a part is remitted, goods will be sent to the amount of the remittance only.

### Goods C. O. D.

With this Catalog before you, we can anticipate no reason for you desiring goods shipped C. O. D.; the express charges are higher, and it sometimes delays the shipment either at this end or the other. However, if you do wish them forwarded C. O. D., one-half the amount must accompany the order. We make no exceptions to this rule.

### We Guarantee Safe Delivery

of express and freight shipments, with no conditions, except you take proper notations from agents when packages are plainly damaged when received. But we cannot assume any responsibility for delay in transit.

We use every effort possible in the selection of our seeds, and feel justified in saying that all our seeds are the purest and best to be found, but, at the same time, Plant Seed Company give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out and they 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, and money which may have been paid for them will be refunded.

02443

January, 1902

**Plant Seed Company**

..... ST. LOUIS, MO.

1845-1902 58th YEAR

ALFRED PLANT  
PRESIDENT

FREDERICK S. PLANT  
VICE-PRESIDENT AND GENERAL MANAGER

# Plant Seed Co.

RETAIL STORE, 814-816 North Fourth Street  
WHOLESALE DEPARTMENT, 817-819 North Third Street

ST. LOUIS, MO.



CATALOGS that we PUBLISH  
for FREE DISTRIBUTION



## *Every Autumn*

PRELIMINARY WHOLESALE PRICE LIST for Truckers and Gardeners

## *In January*

128-page ILLUSTRATED, DESCRIPTIVE CATALOG for everyone.  
WHOLESALE CATALOG OF FLOWER SEEDS for florists and dealers in seeds.  
WHOLESALE CATALOG for Market Gardeners and Truckers,  
Associations and Clvs.

## *In March*

SWEET POTATO PRICE LIST

## *In April*

PRICE LIST of Cabbage, Tomato and Sweet Potato PLANTS

## *In June and July*

Midsummer Price List for Truckers and others.  
Turnip Seed Price List.

## *In September*

CATALOG and PRICE LIST OF FALL BULBS, such as Hyacinths, Tulips, etc.  
Seed Wheat Price List.

**We issue no catalog in any but the English language, but are always pleased to receive orders and letters from our customers who write German, Spanish or French.**

Do not wait until the time arrives for buying the goods; send *at once* for any of the catalogs or price lists mentioned above that you desire. We will enter your name and they will be mailed you soon as issued.

**Kindly write your request on a separate sheet of paper, if sent us with an order.**

## *This Catalog*

is different in shape and size from any previous one. Last year's was a 72-page book, this is 128 pages, and while they are smaller, the book contains about 14 more pages of printed matter (size of last year) than the 1901 catalog.

We trust that in its new form and increased size it will be a handier and more convenient book for our customers, and that it will be read carefully and the information contained herein be found not only of interest but of value.

## *Catalogs "Lost in the Mail"*

We frequently receive complaints of catalogs not reaching our customers. We would esteem it a favor if all customers who do not receive them at the proper time would drop us a postal so that we can mail another.

# PLANT SEED CO.'S LAWN GRASS SEEDS

**For Extensive Lawns or Backyards, Parks and  
Cemeteries, Golf Links and Athletic Grounds**



Lawn at the home of Ex-Gov. D. R. Francis, President of the Louisiana Purchase  
Exposition Co. Sown with P. S. Co.'s GRASS SEED.

## P. S. Co.'s "EVERGREEN" Lawn Grass Seed

Our "EVERGREEN" is a mixture of fine grasses and white clover. We have learned through long experience what grasses do best in this climate, and give you the benefit of our experience by offering a mixture containing them. This mixture is PURE and SURE—PURE, because it contains no objectionable grasses or "weeds;" SURE, because it never fails to make a vigorous, compact growth and permanent dark green sod the first year.

The increasing sales of our "Evergreen" Lawn Grass Seed is strong evidence that it gives perfect satisfaction wherever planted, whether by the pound or ton.

## "HAVALAWN" GRASS SEED

The purpose of a well-balanced lawn grass is to furnish a green velvety lawn all of the summer.

By this name we take pleasure in presenting to our customers a new lawn grass seed that is better than anything we have ever offered, and we have tried to make it a little better than any other on the market.

Every care is exercised with the selection of the grass seed which enter into its composition.

It will show quite a growth within a few weeks of being planted and shortly thereafter will form a compact turf of grasses which, as their growth advances, will maintain a rich green velvety lawn all of the season.

Prices:—Not Postpaid

	1lb.	2 lbs.	3 lbs.	7 lbs. (½ bu.)	14 lbs. (1 bu.)
"Evergreen" .....	\$0.20	\$0.35	\$0.50	\$1.00	\$2.00
"Havalawn" .....	.25	.50	.75	1.50	3.00
Space it sows .....	300	650	1,000	3,000	¼ acre

**1-pound boxes, by mail, add 10c to the price per pound.**

Use half the quantity for renovating old lawns.

For 1 acre, 43,560 sq. ft., about 50 lbs.; ½ acre, 5,445 sq. ft., about 8 lbs., 1-16 acre, 2,723 sq. ft., about 6 lbs.

**We will be pleased to quote special prices to Golf Clubs, Institutions, Parks and others who use Grass or Clover Seeds in large quantities.**



## YOUR LAWN

## HOW TO MAKE AND KEEP IT EVERGREEN

**IDEAL LAWNS.**—Those of our readers who have visited the Eastern States during the summer months will recall the handsome lawns and the appearance generally throughout the country of a deeper and more lasting green. This is especially noticeable when close to the ocean, and is due chiefly to climatic conditions.

**LAWNS IN THE WEST.**—Climatic conditions in the Middle West, where long, dry spells with intense heat prevail, are unfavorable to such perfection.

It is possible, however, with ordinary care, to have a very satisfactory lawn.

**THE FOUNDATION OF A LAWN.**—Have your ground well spaded, and if it is all clay, top dress it with old well-rotted manure or black earth (free of roots and weeds), and have it all worked down fine with the rake.

**SOWING THE SEED.**—It is desirable to sow the seed when the air is still, as the wind will interfere with even seeding. It is best to go over the ground several times in sowing the seed from opposite sides, as the sowing can be more evenly done in this manner. Use a liberal quantity of seed—one pound to a space 15x20 feet. Rake the seed into surface with a sharp-toothed steel rake or light harrow, and then roll with a garden roller. The objection to sodding, outside of the expense, is that it is practically impossible to secure sod that is free of weeds. The grass seeds we sell for lawn purposes are the very highest grades procurable.

**FERTILIZING.**—A prime necessity in lawn making, and one too often overlooked, is fertilizing. This should be done annually, either in the fall or spring; neglect to do so will be evidenced in patches of thin growth, quickly turning brown under a hot sun.

P. S. Co.'s "Lawn Fertilizer" is preferable especially for city lawns, being clean and pleasant to handle, and odorless. It is prepared from our own formula, containing ingredients eagerly absorbed by grasses and producing a strong, rapid growth.

**CARE OF THE LAWN.**—To have a fine lawn, it is essential that it should have constant care after becoming established, and it should be mown and rolled frequently throughout the season. The lawn should be gone over with the mower as early in the spring as the grass is tall enough to cut, and should be re-cut every week or ten days while the weather is cool and moist. When the season is dry and hot, the grass should not be mown so frequently, and the cutting bar of the mower should be raised as high as possible, as the grass will not recover quickly and is liable to burn out. Do not be afraid of giving it too much water; sprinkle when the sun has set or is clouded, and if you sow P. S. Co.'s Lawn Grass Seed, you will surely have an evergreen lawn.

## FERTILIZERS

Freight Charges always to be paid by the Purchaser. 50 lbs. at 100-lb. rate unless otherwise stated

**PURE BONE MEAL for Farm Purposes**—It will take from 200 to 500 pounds to the acre, according to crop. Per 10 lbs., 25c; per 25 lbs., 60c; per 50 lbs., \$1.00; per 100 lbs., \$1.75.

**P. S. CO.'S UNIVERSAL FERTILIZER**—Is guaranteed to be uniform in composition, to contain not less than 5 per cent of ammonia, 4 per cent of actual potash, and 8 per cent of soluble phosphoric acid. To give a spoonful to each hill of corn requires about 400 lbs. to the acre; grass, 400 lbs.; potatoes, 400 lbs.; turnips, 200 lbs.; roots in drills, 250 lbs. Garden soil for general crops requires 400 to 600 lbs., well mixed, etc. Per 25 lbs., 75c; per 100 lbs., \$2.25.

**NITRATE OF SODA**—95 to 98 per cent purity, 18½ to 19½ per cent ammonia. Sow 400 to 500 lbs. to the acre. Per 25 lbs., \$1.00; per 50 lbs., \$2.00; per 100 lbs., \$3.50.

**LAND PLASTER OR GYPSUM**—Seems to have a specific effect upon clover, and is useful upon potatoes, grass and grain. Per bbl. (about 275 lbs.), \$1.75; 10 bbls., \$16.00.

**"PLANT'S" RELIABLE FERTILIZER**—A compounded mixture. Is very good for grain crops, such as oats, corn, wheat, etc. It is well suited to the average conditions and brings good results. Use from 150 to 200 lbs. to the acre. Every farmer should use it. 10 lbs., 25c; 25 lbs., 50c; 50 lbs., 90c; 100 lbs., \$1.25.

**WALKER'S EXCELSIOR BRAND FOOD FOR HOUSE PLANTS**—6 oz. package, 20c; postpaid.

**LAWN FERTILIZER.** 10 pounds for 300 square feet, 400 to 600 pounds for 1 acre.

A circular acre is 235½ feet in diameter. Each side of a square acre is 208¾ feet.

# OUR SELECTION OF THE MOST DESIRABLE VARIETIES FOR SMALL HOME GARDENS

This list should assist you in selecting some of the most desirable varieties for your home garden.

We have been guided in making up this list by the desire to select only varieties that are the best in quality and adapted for growing in an ordinary kitchen garden. Earliness and attractiveness are important points to the market gardener, but of secondary consideration to the home gardener.

By sowing at one time, half the quantity of seed of two or three varieties of Peas and other things, and the balance a fortnight later, you will have a supply of good vegetables all season long.

## DWARF GREEN BEANS

STRINGLESS GREEN POD  
EXTRA EARLY RED VALENTINE  
GIANT STRINGLESS GREEN POD

## DWARF WAX BEANS

PENCIL POD BLACK WAX  
IMPROVED GOLDEN WAX

## POLE BEANS

KENTUCKY WONDER  
MISSOURI WHITE CORNFIELD  
LARGE WHITE LIMA

## WATER MELON

KLECKLEY SWEETS  
BRADFORD  
ALABAMA SWEET

## ONION

LARGE RED GLOBE  
LARGE WHITE GLOBE  
AUSTRALIAN BROWN

## OKRA

PERKIN'S MAMMOTH LONG POD

## PARSLEY

EXTRA CURLED

## PEAS

Plant's Extra Early  
BLUE BEAUTY  
P. S. CO.'S SECOND EARLY  
IMPROVED SUGAR MARROW

## BEETS

EGYPTIAN  
P. S. CO.'S IMPROVED TURNIP

## CABBAGE

CHARLESTON LARGE WAKEFIELD  
ALL SEASONS  
P. S. CO.'S SUPERIOR PREMIUM  
LATE FLAT DUTCH

## CARROT

OXHEART  
ST. VALERY

## CELERY

WHITE PLUMB

## CUCUMBER

ARLINGTON WHITE SPINE  
EXTRA EARLY GREEN PROLIFIC

## EGG PLANT

IMPROVED NEW YORK SPINELESS

## ENDIVE

GREEN CURLED

## KALE

DWARF GERMAN GREENS

## KOHL RABI

EARLIEST WHITE ERFURT

## LETTUCE

P. S. CO.'S WHITE CABBAGE (Butter)  
BIG BOSTON  
TROCADERO

## MUSK MELON

EMERALD GEM  
ST. LOUIS MARKET  
EARLY HACKENSACK

## PEPPER

LARGE BELL, OR BULL NOSE

## RADISH

TRIUMPH  
LONG BRIGHTEST SCARLET  
FRENCH BREAKFAST  
CHARTIER

## PUMPKIN

LARGE CHEESE

## SPINACH

ROUND THICK LEAF

## SQUASH

YELLOW BUSH SUMMER CROOK-  
NECK  
HUBBARD

## TOMATO

MATCHLESS  
BEAUTY  
BUCKEYE STATE

## TURNIP

PURPLE TOP WHITE GLOBE

# "FREE THINGS"

As our SEEDS SELL UPON THEIR MERITS, WE offer but few "Extras," Booklets, etc., which more often, than any other, serve the purpose of inducing trade.

We give full value in Seeds that are PURE in quality, AND SURE to produce a crop.

In all orders, we include one or more "gratis packets" of some Flower or Vegetable Seed for trial.

"Asparagus Culture" free with orders for Asparagus.

"Sweet Pea Culture" free with orders for Sweet Peas.

Both the above must be requested with order or they will not be sent.

"How to Care for Plants" included with all plant orders.

Everything else we charge for what it's worth.

**DISCOUNT** on Packets and One-Ounce Packages. \$1.25 worth for \$1.00

**25c** worth of Seed extra is allowed you on each dollar sent us for Seeds by the **packet** and **ounce**, excepting on Special Collections, ounces of Cauliflower and Flower Seeds priced at **more** than 50 cents an ounce. Thus—

Purchaser remitting \$1.00	may select	packets and	ounces	amounting to	\$1.25
" " 2.00	" "	" "	" "	" "	2.50
" " 3.00	" "	" "	" "	" "	3.75

and larger orders in proportion. But it must be understood that these premiums and discounts are allowed **only on Flower and Vegetable Seeds by the packet and ounce**, and not on seeds by the **pound**, nor on **bulbs** nor **plants**; nor can we pay this discount in **bulbs and plants**, or seeds by the **pound**. Otherwise it would bring the price far below the cost, when several parties club together.

🔪 No discount is allowed on orders under \$1.00 🔪

## Mand's Wonder Forage Plant

(*Pencillaria Zeaoides*)

### A New Fodder Plant of Untold Value

To the Farmer for its Immense Growth of Hay.

To the Stockman for its Quick-growing Forage.

To the Poultryman for the Seed.

This plant is a native of Central America; its rapid growth and enormous yields of foliage and seed command the admiration of every observer; will grow in any latitude that will produce corn; will ripen seed as far north as Dakota.

*Pencillaria Zeaoides* is an annual, having broad foliage, very much resembling corn leaves, and if allowed to develop fully will attain a height of from twelve to fourteen feet, and bears numerous cylindrical heads from eighteen to twenty-four inches in length and one inch in diameter, completely covered with thousands of seeds, much relished by poultry.

As a rapid-growing hay plant it is unequaled; it throws out from one plant numerous suckers, each one forming a new stalk, and if cut as soon as it reaches the height of two or three feet, it can be cut from four to seven times, according to the latitude, and yields several tons of dry hay per acre at each cutting. If allowed to grow six or seven feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now under cultivation.

The seed should be sown very thinly in drills, eighteen inches apart; one ounce sown this way will be sufficient for 3,000 feet of drill. It should be sown only when the ground is warm.

Packet, 10c; ounce, 25c; ¼ lb., 40c.

# 1902 SPECIALTIES

They are not all new varieties, or novelties, but they are all **GOOD** varieties and "specialties."

Our specialties are not varieties that we want you to "at least make a trial" of, but they are varieties that have been "tried" and found worthy of liberal sowing in any garden.

*Absolutely  
Unrivaled*

## ♣ DWARF BEANS ♣

### MAMMOTH PODS ENTIRELY STRINGLESS

A valuable sort for the market gardener, canner or home gardener.

Pods of this variety are one-third larger than Valentine and it is claimed that it is earlier; not so early as the original Stringless Green Pod, but is desirable to plant with that variety for a succession. It retains all the characteristics and good qualities of its parent, but with a very much larger and more showy pod.

Packet, 10c; pint, 25c; quart, 45c; postpaid.

### Pencil Pod Black Wax

This fine, new Wax Bean became popular immediately upon its introduction, and it has since proved to be particularly valuable to the gardeners who supply the home markets, and to those who require a **hardy** variety. We highly recommend it for home gardens. It is **very early**, a **great bearer**, extremely **hardy** and vigorous in growth. The long, straight, rich yellow, pencil-shaped pods, which are perfectly round and smooth, are **absolutely stringless**, and of superior table quality, handsome and attractive. It is, without doubt, one of the finest of the Wax Beans. Seeds are black. (See illustration below.)

Packet, 10c; pint, 30c; quart, 50c; postpaid.



PENCIL POD BLACK WAX

**A GOOD HOME GARDEN PEA**—Improved Sugar Marrow. A desirable and valuable addition to this class. Pods much longer than White Marrowfat; most beautiful shape; well filled with peas of true marrow flavor, while the smaller size make them more desirable for canning and a far better crop. Height, 3½ to 4 feet. Packet, 10c; pint, 20c; quart, 35c; postpaid.

## Round Pod Kidney Wax, Dwarf Bean

A round podded wax bean, possessing the excellent market and shipping qualities of the Wardwell's Kidney Wax, has long been desired. We now have it in the Round Pod Kidney Wax.



The vine is large and sturdy and the long, handsome, stringless pods of large size are very solid, full of meat, crisp, brittle and free from rust; wonderfully prolific and early.

The dry beans are more slender than those of Wardwell's, are more nearly cylindrical; are almost white, with a little darker coloring around the eye. A pre-eminently valuable variety.

Packet, 10c; pint, 35c; quart, 55c; postpaid.

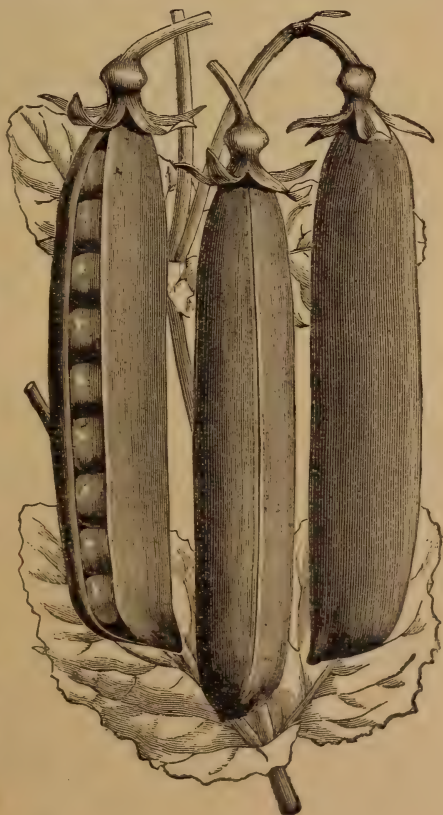
## Pea—"Thomas Laxton"

The "Gradus" Pea is good, but Thos. Laxton is better. Gradus, or "Prosperity," is a large podded extra early; this is a mammoth podded extra early.

This fine, new, early Pea originated in England and was raised by crossing Gradus with a very early type of the well-known Alaska Pea. It is a white wrinkled marrow with a good, strong constitution. **In earliness it is within a day or two of Alaska, but with pods of double the size and of a darker, richer green color than Gradus.** Pods contain seven to eight large peas of the richest flavor, which are produced in great abundance.

Thomas Laxton is a reliable market gardeners' as well as a private gardeners' pea, and is likely to supersede that fine early pea, Gradus.

Packet, 15c; larger packet, 25c; pint, 50c; postpaid.



**LOOK OVER**

THE LISTS OF

**Standard Books**

On Pages 43 and 102

"PLANT'S"  
**ST. LOUIS LATE MARKET Cabbage**



This illustration shows two views of a head grown last season by David Maze, of Indiana. It weighed 20 lbs., and won the prize of \$5.00 offered in last year's catalog.

*It is indeed a wonderful variety that can make such heads as this in a season when other varieties fail!*

On the St. Louis market last season it brought higher prices than any other variety. Those who planted it, instead of having small, inferior heads, had a good crop, and sold it at a high price and many made double the profit of those who grew other varieties, that failed to make good heads.

**WE CLAIM that it—**

Stands longer in the field without bursting than any other know variety.  
 Affords six weeks longer for cutting heads than other sorts.  
 Produces fine heads in seasons when other sorts fail.


Makes immense heads, which command top market price.  
 Is a most excellent keeper and shipper.  
 Makes the best grade of kraut.  
 Altogether, the best late sort for market gardeners.

The point to be brought out most prominently is its long growing qualities and ability to stand in the field for several weeks after maturing without bursting, and it is the latest Cabbage we know of to-day.

Trials, extensive plantings and letters from customers, all verify our claims that the **ST. LOUIS LATE MARKET Cabbage IS UNAPPROACHED** in distinct merit by any other late variety.

Everyone who grows Cabbage for market should buy at least an ounce of the seed and give it a fair trial this season. If you do this we are quite sure that next year it will not be necessary for us to urge you to put **all** your land into this fine variety, rather than devote any portion of it to any other **late** sort.

**Price:** Packet, 5c; ¼ oz., 15c; oz., 50c; 2 oz., 90c; ¼ lb., \$1.50; lb., \$5.50; postpaid.

 To secure our genuine seed, grown from the original "stock seed" furnished by us nine years ago, when we first offered it to our customers, be sure that our **green seal** is on **every package**.

The great demand for the seed, and the scarcity of it, requires us to protect ourselves in this manner. Seed offered in any other way is not the product of our original and genuine stock.

P. S. Co.'s

# ST. LOUIS LATE MARKET Cabbage

*We could fill many pages with such letters as these if we could spare the space*

## "Everything Else Failed"

"We have had an extra crop of your St. Louis Late Market and everything else has failed throughout our country. The farmers came from all quarters for cabbage of me; so I think there is **NOTHING EQUAL** to the **ST. LOUIS LATE MARKET CABBAGE.**"

DAVID MAZE,

Nov. 3, 1901. Brownsville, Ind.

EMIL RUPP, one of the largest truck raisers in New Mexico, says: "P. S. Co.'s St. Louis Late Market Cabbage gives us satisfaction in New Mexico."

JOHN F. BAILEY, of Jonesburg, Mo., writes: "I find your St. Louis Late Market to be the best cabbage I have ever grown. While **OTHERS FAILED, THEY MADE FINE HEADS.**"

## "I Cannot Say Enough in Praise of It"

"And now let me speak a word regarding your St. Louis Late Market Cabbage.

I do not raise late cabbage to a large extent; only about 4,000 a season. So far the only reliable cabbage for me was P. S. Co.'s Superior Premium Late Flat Dutch, and I most generally did not plant anything else.

Last year you sent me a large trial packet of St. Louis Late Market, and I **CANNOT SAY ENOUGH IN PRAISE** of the cabbage and will plant pretty near all **ST. LOUIS LATE MARKET** this season—what other cabbage seed I order is for plants to sell. Last year I planted about 2,000 Premium Late Flat Dutch, 1,000 Danish Ball Head, and 800 St. Louis Late Market. The season was unusually wet for Nebraska, and the Ball Head rotted entirely, not getting a single head. The Flat Dutch made part of a crop, and the St. Louis Late Market, which was set side by side with the Ball Head, **GAVE A HEAD FOR EVERY PLANT** set out. It costs a little more money to get this seed than some other seedmen's, but there is considerably less disappointment."

Respectfully,

(A customer for 15 years.)

JULIUS SCHELLENBERG.

## Cabbage Growers, Read This Carefully

NORTH TOPEKA, KAN., December 16, 1901.

"I have done extra well again with St. Louis Late Market Cabbage. Set out 12,000 plants, of which 10,000 or more did live. The plants for first half patch (three acres) were strong plants, because sown on 23rd of April, made good plants before it got too dry for anything to grow. Consequently I procured a full stand on over 5,000 plants.

Had all three acres heavily manured, which was plowed under middle of April. For the first time in 13 crops I did not plow the ground over again before planting, and surely hit it. Nobody here had any cabbage to speak of. This may be the reason you got no report so far, notwithstanding that all gardeners I know had your seed. Even our retail dealers, Hubbard & Downs, **had** to carry the seed in stock last year. I have raised seven crops now, and do not want any better cabbage.

Well, the second setting were plants for which seed was sown on 3d of May, but few came up during May. End of May a shower brought up the rest, and as a consequence, I had to set out very small plants on June 18th, but had more rain than when first planting a week earlier was done. I succeeded in getting three-fourths of a stand, working them each way with surface plow only. Kept a good mulch on top and loose around the plants, and have done better than I expected.

Sold first heads of the first planting on September 2d, and got 3c a pound for two weeks; then 2c a pound; and further on sold the bulk of it for 1½ cents to stores, and 1¼ cents to shippers. I realized so far \$265.00 and have about a ton yet buried (solid ones). Further, about 1,500 loose heads out of second patch, which sell for cooking."

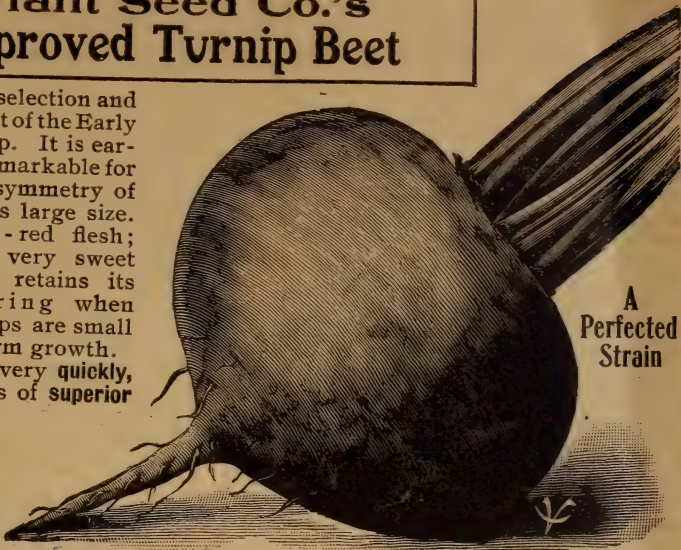
WILLIAM MORITZ.

## Plant Seed Co.'s Improved Turnip Beet

This is a selection and improvement of the Early Blood Turnip. It is earlier, and is remarkable for its perfect symmetry of shape and its large size. Deep blood-red flesh; fine grain, very sweet and tender; retains its deep coloring when cooked. Tops are small and of uniform growth.

It grows very quickly, and is always of superior quality.

Packet, 5c.  
1 oz., - 10c.  
2 oz., - 15c.  
 $\frac{1}{4}$  lb., - 25c.  
1 lb., - 85c.  
All postpaid.



## CABBAGE

**EARLY**

**SPRING**



**THE EARLIEST FLAT  
HEAD CABBAGE**

**VERY SOLID AND OF THE  
FINEST QUALITY**

Can be used as early as Early Jersey Wakefield and yields larger than any extra early variety.

Heads are of round flat type of Early Summer—the shape that is so popular in all markets.

Matures almost as early as Wakefield, and fully a week earlier than any other flat-headed variety.

Particularly valuable for truckers, and, for its good quality, it is one of the finest early cabbages for home gardens.

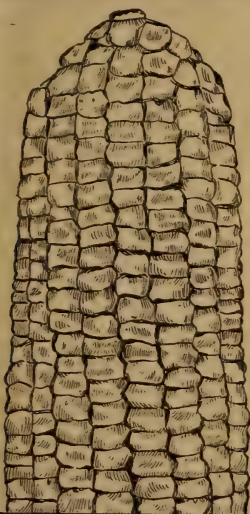
Packet, 5c; oz., 40c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50; postpaid.



# St. Louis Market Sweet Corn

**A Mammoth-Eared  
Second Early that is  
Good Flavored**

It is as early as Shaker Early and twice as large. The cob is small, and carries an average of 16 rows. The grains are large and deep and very sweet. It has a peculiar habit of growth, that enables it to endure hot weather.



**ST. LOUIS  
MARKET  
SWEET CORN**



**A Money Maker  
for Marketmen**

It can be sold at good profit on the market of any city. Its large size and attractive appearance make it sell on sight, and its delicious quality, after being prepared for the table, creates a steady demand for it all season.

Packet, 10c; pint, 15c; quart, 30c; postpaid.

## CELERY Kalamazoo

This Celery has been favored with such universal popularity that it seems not to need our words to further extend its fame.

It is one of the most solid, compact, vigorous and easily blanched market sorts. Keeps well through the winter.



Packet, 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; postpaid.

## WE GUARANTEE

**THAT ALL VEGETABLE AND FLOWER SEEDS SOLD BY US ARE FIRST CLASS, PURE, AND SURE TO GROW.**

We could not afford to knowingly send out any seed of doubtful purity or vitality, and should any Vegetable or Flower Seed prove so after the customer has properly planted it, we will refill the order or give value in other seed.

There are hundreds of contingencies continually arising to prevent the best seed always giving satisfaction—immunity from error being unattainable, and success is more often dependent on climatic or local influences than is generally supposed.

## The Nichol's "Granville" Strawberry

(See Prices Page 26)

*Professor Green, in "Ohio Farmer" of October 3, 1901, says: "Granville" (Perfect). It is PROLIFIC, FIRM and of EXCELLENT QUALITY. I have not seen a better berry for table use or canning, and it does not appear to be LIABLE to RUST.*

*M. M. Miesse, Lancaster, Ohio, says: We never grew a sweeter berry or better canner. We had "Granville" for dinner, yesterday, that had been canned for three years, and were as good as though just picked. They are certainly cracker-jacks.*

*W. W. Spellman, of Ohio, says: Granville has the STRONGEST PLANTS of any berry, and fruit the largest and finest, and holds up large and firm until the very last of season.*

# CABBAGE

## "Pride of the South"

A fine, new second early drumhead cabbage. Chiefly valuable to Southern Cabbage Planters.

In appearance and color it is similar to the Brunswick, and can be depended upon to make a good crop, on account of its certainty to form fine, large heads. Very uniform in growth; in quality it is altogether desirable; comes in with Brunswick and Early Summer; it is excellent for shipping.



Considering the quality of this carefully grown and selected strain of cabbage, our price is very low indeed, and our customers who grow large areas of cabbage need have no hesitation about devoting a liberal part of their ground to the "Pride of the South."

Packet, 5c; oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25; postpaid.

## A New Rhubarb

### *Australian "Crimson Winter"*

The great value of Rhubarb as a vegetable has always been its earliness, and a vast amount of time and labor has been spent in efforts to originate a variety which would produce stalks even a day or two in advance of other early varieties. The New Australian "Crimson Winter" Rhubarb will produce marketable stalks abundantly fully six months earlier than any other Rhubarb.

The stalks are of medium size, well-grown ones averaging twelve to eighteen inches in length and about three-fourths to one inch in diameter. They are of a pale greenish-crimson color, turning when cooked to a light clear crimson, and are of the very best quality. The plants are somewhat more inclined to bloom than the older kinds, which is easily remedied by topping. "Crimson Winter" Rhubarb starts to grow vigorously by October, and continues to produce stalks continually until after the common varieties make their first appearance some six months later. In some of our rainless climates it reluctantly takes a short rest during midsummer, but if kept moist will produce stalks abundantly at any season; it is, in fact, absolutely perpetual. For forcing under glass in the cold Northern States, for a constant supply for home use and for growing in the Southern States for shipping North and East, it promises to become more profitable than anything else which the soil produces. "Crimson Winter" is all that could be desired, as the bulk of the crop comes in just at the season when fresh fruits and vegetables are hardly obtainable. Even in San Francisco markets last March the wholesale price of Rhubarb was twenty-five cents per pound; and further, it may be whispered that a fortune or two has been quietly made in California in growing and shipping the common varieties during the early spring months of the past few seasons. Six years ago, when half a dozen small plants of Australian "Crimson Winter" were secured, its unusual value was at once recognized, and it has been multiplied in every possible way until a sufficient stock has now been obtained to offer, not for planting by the acre, but to give purchasers a good start by which they can with care have enough plants for acre planting in a few years. Those who start first will make the biggest profits.

It has been found that "Crimson Winter" Rhubarb gives the best results when planted about 2½ by 6 feet apart. It withstands ordinary frosts which would destroy any of the older kinds.

### PRICES—PREPAID

Best, large, thrifty, undivided seedling roots, as follows:

Each, \$1.40      5 for \$3.75      10 for \$7.50      25 for \$15.00

☞ We advise early ordering, as stock is limited

Thrifty, undivided roots, second size, twenty per cent less than the prices above. Small but good, thrifty undivided roots, thirty per cent less than the prices named above. Divided roots at half the above named prices.

☞ All sizes and qualities will be carefully packed and delivered at your own Postoffice or Express Office at above prices.

**Plants are Ready for Delivery Now!**

We have no seed of it for sale.

# CUCUMBER

New Orleans Market



Many prefer it to Arlington

A distinct and improved type. Large quantities of it are shipped daily during the winter to St. Louis

An excellent variety, good either for forcing or open ground. It is a good shipper and keeper; retains its original green color. Produces very abundantly perfect, large, smooth fruits, and remarkably few culls. Very fine sliced for the table. Some of the largest Southern planters sow this variety exclusively.

Packet, 5c; oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., \$1.00; postpaid.

## CUCUMBERS

### Jersey Pickling

150,000 bushels of small fruit of this variety are picked annually in one county of an Eastern State.

Makes a hard, brittle pickle. Is used by some of the largest pickling establishments. Very prolific; crisp and tender. Intermediate between the Long and Short Green. Early spring sowings will develop fruits 2 to 3 inches long in 60 days. Early summer sowings, in 30 days, in favorable soil.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postpaid.

### Emerald

A fine variety for growing under glass. It is a dark green variety that will hold its color.

This is one of the handsomest and most attractive varieties for table use and market. It is large, smooth, almost entirely free from warts and spines and regular in form.

The flesh is very thick in proportion to the diameter of the fruit. It is crisp and of mild flavor. The young fruits make excellent pickles. When ready for table use, it cannot be surpassed.

Packet, 5c; oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., \$1.00; postpaid.

## COS LETTUCE

### Trianon Cos



This excels all other lettuces in quality, having a crispness, tenderness and flavor peculiarly its own and unapproached by any other variety. The heads are long and conical. The leaves require to be tied up, when they soon form solid heads and quickly bleach to snowy whiteness, and become as stiff, crisp and sweet as celery stalks and delicious when eaten in the same manner or prepared for salad. It has a heat-resisting character.

Packet, 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

# Three Fine LETTUCE

## *Passion*

A fine cabbage lettuce that was brought into New Orleans from California. It is the variety that is now shipped in such large quantities from New Orleans in the spring.

It attains a large size, grows slowly, but makes very hard heads that stand shipping well. In the South it does better during the late autumn and winter than in summer, as it cannot stand the heat. If sown late in the fall and transplanted during winter, it grows to very large heads, hard and firm.

Packet, 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb. 40c.; postpaid.



## *Trocadero ("1903")*

Equally as valuable for forcing as it is for the open ground. Very popular in our Southern States. Excellent for growing in private gardens.



It is of French origin, and is a distinct type of cabbage lettuce. Heads of large size, very solid, and of light green; they form very quickly. Crisp, tender and exceedingly delicate in flavor. Not so well adapted for shipping as the Passion.

So favorably were we impressed with the merits of this variety that last season we distributed among our customers several thousand packets of the seed under the name of "1903." We anticipate a large demand for it this season.

Packet, 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; postpaid.

## *California Cream Butter*

(Royal Summer Cabbage)

Stands our hot summer weather better than most any other variety

Well formed heads of good size—a little flattened. Rich, cream yellow leaves, which are very thick, tender and of splendid quality. Popular in the South for shipping north. Sometimes called Winter Lettuce because it is so hardy.

Packet, 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; postpaid.

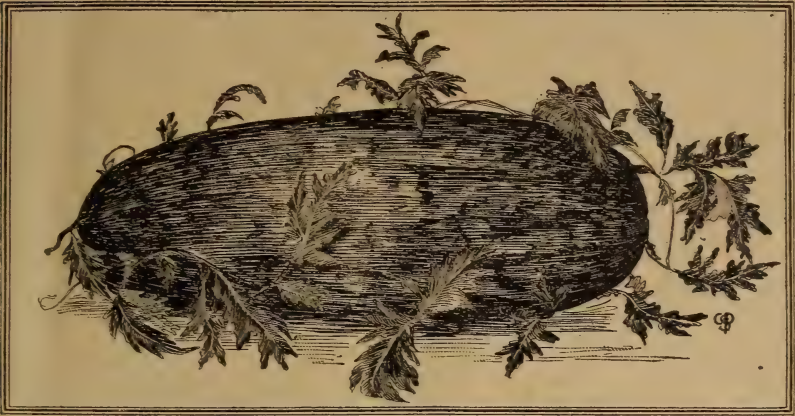


**If Your Order Amounts to \$1.00 or Over,** and there is some variety of Seed that you desire, which we do not list, send money for it and we will get it for you without any extra charge.

You simply have to tell us its name and price and in whose catalog you saw it. We will immediately get it from them in their original package and save you time and trouble of sending off two or more orders.

# Two Extra Good Watermelons

## BRADFORD



### A Favorite Southern Melon

Color, dark green, with darker wavy bands. Flesh of fine quality; sweet and melting.

Packet, 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

## Kleckley Sweets

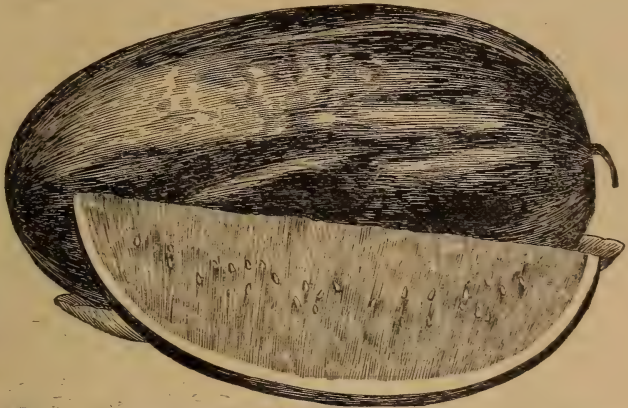
(Monte Cristo)

The Finest Table  
Melon to Grow in  
the Home Garden

Originated in the South, from where come all good melons. Is especially recommended for its fine flavor—in this respect surpassing most all others. Long, oval shape; dark green rind, rather tapering at the ends.

Seeds are white and lie close to the rind. Not good for shipping, as the rind is too tender, but is unsurpassed as a table melon to use where grown.

Packet, 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.



## St. Louis Market Musk Melon

This is the variety so extensively grown by the gardeners in and around St. Louis. It is the most popular sort grown for home use, and commands readier sale and higher prices than any other large variety.

Flesh green and of excellent quality. A good shipper.

Packet, 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1b., \$1.00; postpaid.

# WATER MELONS

## Southern Rattlesnake

A very large variety with good shipping qualities. Matures late. Oblong in shape, striped and mottled with various shades of green.

Extensively grown in the South. We have a fine selected strain.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c; postpaid.

## Triumph

Triumph melons have been raised weighing 148 lbs., and were solid, had few seeds and of sweet, good quality. An excellent shipper. It produces more large melons to the patch than any other variety.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 55c; postpaid.

## White Multiplier Onion Seed

This is something that can rarely be secured. An onion grower has this season supplied us with a small quantity of it, and we offer it to our customers at a very reasonable price. A purchase of a small quantity of the seed will give those a start who have difficulty in buying the sets. We have always found it a hard matter to keep a stock of them as they are always in such limited supply and there is no Onion that is nicer.

Packet; 10c; ½ oz., 25c; 1 oz., 50c.

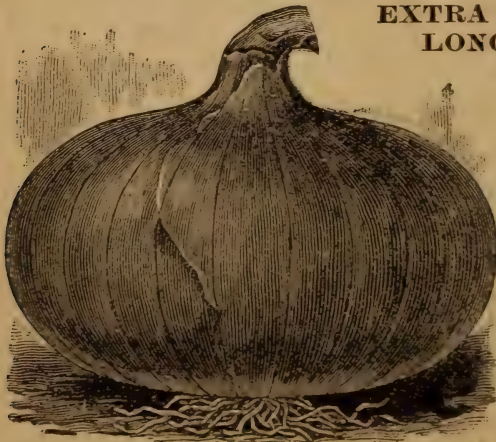
# GENUINE MAMMOTH PUMPKIN



Salmon colored skin; flesh yellow, of good quality. A splendid keeper, and valuable for stock feeding; also for exhibition purposes.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00; postpaid.

# ONION, Australian Brown



**EXTRA EARLY.**

**LONG KEEPING.**

**CLEAN AMBER**

**BROWN COLOR**

Is from two to three weeks earlier than Wethersfield. Ripens off more uniformly than that variety.

Keeps in good condition longer than any other sort. Commands phenomenal market sale by its color and form.

Never makes any stiff necks or scallions.

Altogether it is the most remarkable Onion of late introduction.

The onions are slightly globular in shape, of good size and decidedly the hardest, **most solid** and **longest-keeping** variety yet offered the public.

Packet, 6c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; lb., \$1.00; postpaid.

# RADISHES

## Icicle

The only long, white, alabaster-like forcing Radish.

"Icicle" heads the list, as it has proven to be a most decided novelty, and one that will increase in popularity each year.

Derives its name from the transparent whiteness of its roots, which are ready for use in about 23 days after sowing. They will grow to about 14 inches long and have short leaves.

A distinct and valuable acquisition to the Radish list, and it will not take a market gardener long to appreciate its value to him. It will become popular for home gardens.

Packet, 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.25; postpaid.

## Long Brightest Scarlet

(CARDINAL)

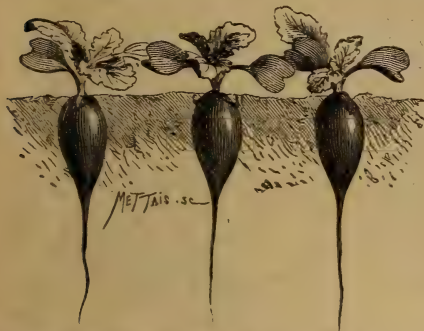
The handsomest and brightest long variety.

It makes roots fit for use in about twenty-five days from the time of planting, and continues in good condition until full-grown, when they are as large as Wood's Early Frame.

Makes small tops and does not run to neck, and is decidedly an improvement in earliness and color over varieties of this class.

It is of a bright red color, with white tip. Noted for its crisp, tender flesh and fine appearance.

Packet, 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.



## Deep Scarlet Forcing Olive-Shape

Ready for pulling in from 18 to 30 days

The beautiful little Radishes are in size and form as illustrated. They have a small top, are solid; flesh is pure white, of clear and mild flavor, crisp and tender. It is an excellent variety for outdoors.

Packet, 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

**HAMMOND'S SLUG SHOT** destroys all insects injurious to *House and Garden Plants, Shrubs, Trees, Vines, Potatoes, Melons, Cabbages, Currants and Vegetables and Fruits* of all kinds.

This preparation, though poisonous to insects, does not injure the foliage in the least, and acts in some measure as a fertilizer to the plants.

**DIRECTIONS FOR USE**—Dust the powder lightly over the infested plants, so as to cover every part of them, or mix with water and spray or sprinkle over plants and trees. Use 1 pint "Slug Shot" to 5-gallons of water.

For further information send for our little book on **Slug Shot** Per 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$4.50. 1-lb. packages, 25c; postpaid.

Express or Freight Charges always to be paid by the Purchaser

**THE DUSTER** is for applying **Slug Shot**. These **dusters** are two sizes, holding half gallon and one gallon, and are bottomed with very finely perforated material. Price, 30c and 45c each.

**THE COMPLETE GARDEN BELLOWS**—This implement is intended for use among the roses, shrubs and small trees. The tubes are sectional. You can get under the leaves, over the leaves, or sideways. Price, \$1.25.



Trade Mark.

# TOMATOES



## MAGNUS

For staking up in the open field, as well as for forcing in greenhouses, it is highly recommended.

See prices and full description, page 83.

## The Wonderful PONDEROSA

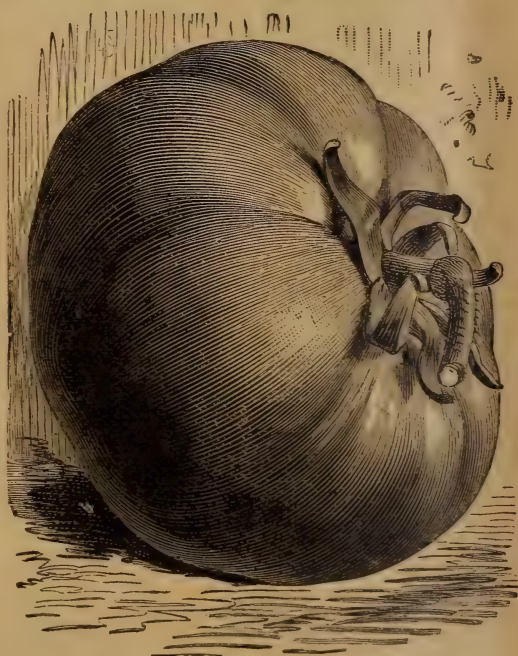
In size, weight and solidity, no variety can approach it.

It excels in magnificent size, often attaining a circumference of 18 inches, often weighing 3 and 4 pounds each, perfect in form, free from wrinkles, as smooth as glass and as solid and meaty as beefsteak, free from watery cavities and almost seedless; it ripens thoroughly from center to skin, its glowing crimson color permeating the flesh to the heart; It is free from rot, but above all, the delicious quality and flavor are its crowning merits — toothsome and rich when sliced, savory and delicious when canned.

The plants of Ponderosa Tomato are luxuriant, healthy growers, independent of droughts, free from blight, and are prodigious, early and continuous bearers. First ripe fruits are often picked in ten weeks from seed sowing, while late fruits may be gathered until frost.

Ponderosa is not only the best family tomato for the home garden, but equally valuable to grow for sale. It also fruits well under glass.

Packet, 10c; oz., 45c; 2 oz., 75c; ¼ lb., \$1.25.



## Walker's PLANT FOOD

A perfect food for flowers in a concentrated form.

It will make weak plants strong and make healthy plants have brighter flowers and prolong the period of blooming.

Directions on each package.

### PRICES

**Large Size,** (Sufficient food for 25 ordinary sized plants for one year), 40c postpaid. (Without postage, 25c.)

**Small Size,** 20c postpaid. (Without postage, 15c.)



# A Word About Novelties

WE ARE rather slow in adding so-called "novelties" to our list. But we believe it pays to be slow—it certainly saves our customers many disappointments. When we do find a true novelty, one that has proved by trial to be novel, or an improved old variety, we do not hesitate to recommend it, but it sometimes takes three years to find this out. Probably one-third of the "new" varieties, three years after their introduction, are discarded by those who sell them, as not being entitled to catalog space. We know about what our customers like and in not making a specialty of novelties and creating "new things" we come nearer to pleasing the great majority of them. We heartily recommend all the varieties on these yellow "specialty pages" as being worthy. A few of them are improvements of old standard sorts, which are entitled to liberal favor; the others, are the best of late introductions.

## Royal Pinks

(*Dianthus Heddewigii Nobilis*)

The Beautiful Single Japan Pink, Improved

The Indian Pink has been a favorite flower for many years, being of easy culture and a graceful bloomer, requiring but little attention. *Dianthus Heddewigii nobilis*, is an improvement of the old-fashioned variety. The flowers are of a noble shape and considerably larger, 3 to 4 inches in diameter. The petals are frilled and fringed, giving the large flower a graceful appearance. The colors are, first of all, a deep yet very bright blood-red, then shade to carmine and pink and even white. The foliage is greyish-blue, sometimes darker. The plant grows vigorous and tall, and gives lots of flowers which are first-class for cutting—having long stalks and keeping a full week in water. The more the blooms are cut, the more the plant will produce.

No. 739. Packet, 10c.



ROYAL PINKS

## MARGUERITE CARNATIONS

All Colors Mixed

They will Bloom in Four Months After Sowing the Seed.

With the easiest culture these beautiful carnations succeed in any good situation. Exquisite in color, showing beautiful shades in red, pink, white, variegated, etc. Flowers of good form, and large size. Very fragrant. Can be potted and taken into the house for winter flowering.

No. 634. Packet, 5c.

1/2 oz., 25c.



MARGUERITE CARNATION

# .... ARCTOTIS GRANDIS ....



A  
Magnificent  
New  
Annual  
from  
South  
Africa

The  
"African  
Lilac  
Daisy."  
Of  
Easy  
Culture

Forms profusely branched bushes of about 2 to 2½ feet in height and breadth. Leaves are soft and whitish on both surfaces. Its flower-heads, borne on long stems and rising well above the foliage, are large and showy, from 2½ to 3 inches across; the ray florets, being pure white on the upper surface, are embellished by a narrow yellow zone at their base; reverse of petals pale lilac. Under the influence of bright sunlight, the flowers spread out almost flat, and the pure white of the ray florets contrasts beautifully to the light blue disk with its slightly projecting white stamens; a lovely combination of colors. Being of very easy culture, the plants produce their splendid flowers most abundantly and in constant succession from early summer to the autumn. A magnificent and prominent novelty. No. 533. Packet, 15c; 2 for 25c.

## "KLONDYKE" COSMOS

The Only True Yellow Cosmos

A true golden yellow color; a rich type. Foliage somewhat more dense than other forms. Flowers 2 or 3 inches in diameter on graceful stems. A free bloomer in late summer and autumn.

No. 706—Packet, 5c.



## CHRISTMAS TREE ASTER

Gets its name from the sturdy, branching habit of the plant, resembling the regular horizontal arrangement of the branches on a Fir Tree. The plants grow about 20 inches high, and measure 24 to 28 inches across the base.

It is early and exceedingly floriferous, many plants bearing 70 to 100 well-developed flowers, of which one appears at the end of each stem. It is suitable for beds or for pot culture.

We distributed "trial packets" of this last year, and, in consequence, look for a large demand for the seed this season.

No. 541—All colors mixed, packet, 5c.

It may be interesting to some of our Missouri customers to know that one twenty-fifth of the inhabitants of the United States live in Missouri.

## IMPERIAL GERMAN GIANT PANSIES



Not so fine as our "Nonpareil" Mixture (see page 116), but superior to any other mixture of the same price.

The Imperial German Pansies are famous for their almost endless variety of charming shades of color, united with *large size and perfect form* of flowers. They embrace all the solid or self-colors; delicately shaded flowers; edged or bordered flowers of various colors; dark and light marbled varieties; flowers with clear, distinct eyes; striped flowers of striking beauty and vividly colored fancy varieties. Packet, 15c.

## GOLDEN BALL SUNFLOWER

Far Superior to Common Sunflowers

We continue it on our "Specialty Pages" because of its extreme popularity and heavy sale during the past two years.

As shown in the illustration, this is a double Sunflower of erect, strong growth. The large deep, rich golden-yellow flowers are produced on each branch, as well as one at the base of each stem on the main stalk. Makes a beautiful hedge, and in addition to being ornamental, produces seed abundantly for feeding to poultry or birds.

It cannot be too highly recommended. Even those who dislike sunflowers admire this entirely distinct sort.

No. 1060. Packet, 5c; oz., 10c.



"More like Chrysanthemums than Sunflowers"

## Imperial Giant Sweet Sultans

**A BEAUTIFUL NEW CENTAUREA**

It will grow anywhere.

The flowers are fragrant.

They will keep for a week after cut.

This new Centaurea (Imperialis) represents the best that has been produced in these beautiful summer-blooming plants. Bushes are about four feet high, of enormous dimensions and are covered with large, beautiful flowers, of a delightful fragrance and an almost infinite color variation. **FLOWERS WILL KEEP FOR A WEEK IN WATER**, if cut when they are about to open.

No. 660—Packet, 10c.

## Giants of California, Mixed—PETUNIA

The richest colors, the largest flowers and the finest markings of all Petunias.

This strain produces flowers of gigantic size, many of them measuring five and six inches in diameter, and of an astonishing variety of colors. It embraces every conceivable shade of crimson, pink, lavender, pure white, etc., with a diversity of beautiful throat veinings. Many of the flowers have a pure yellow throat, while others have a deep rich black one, with scarcely any veining shown at all, and there is not the stiff regularity about the individual flowers that is so noticeable in the small sorts.

As we have had this seed grown in California by a Petunia specialist, and saved from cross-fertilization, it is necessarily expensive, but we cannot offer you any-



thing better in the Petunia line than the Giants of California.

No. 942—Packet, 15c.

## SALVIA SPLENDENS—"SILVERSPOT"



Its most distinctive feature is its strikingly handsome spotted foliage. The leaves are rich, soft dark green, with light sulphur or cream-colored spots of various sizes liberally sprinkled over them. It is impossible to describe in writing the charming effect produced by these spots. The unique and elegant foliage is very abundant, and has an extremely fresh and healthy appearance. The intense, bright scarlet flowers are very large, and the plants of neat, compact habit, and as floriferous as the ordinary sorts.

*Salvia Splendens* is well known as one of the most attractive of all tall bedding plants. It is much used in our city parks, and always attracts attention by its intense, fiery-red mass of flowers.

No. 1025—Packet, 10c.

# Fern

PERPETUAL  
UNIQUE  
BEAUTIFUL  
CHEAP



# Balls

WHAT IS  
PRETTIER IN  
WINTER  
THAN A  
BALL  
OF DELICATE  
EMERALD  
GREEN  
FERNS ?

They may be grown suspended from the ceiling or chandelier, in a window, or over the dining table, or can be used in fern dishes.

This little beauty is an importation from Japan, and is certainly the finest addition to the Fernery yet introduced. The ball is composed of sphagnum moss in the center with dormant roots of ferns twisted around it, and so constructed as to send out leaves of beautiful emerald green from every point. All who see it are delighted and want it, and up to the present time the supply has not been equal to the demand.

An occasional dipping into a pail of water (say two or three times a week), is all that is required to keep plants growing and they may be allowed to dry up, which is very convenient when a person goes away for a summer vacation. They may be started again by simply watering as before.

**These Fern Balls are more handsome than palms for decorative plants and are much easier grown.**

**Fern dishes** are generally an expensive luxury. The Japanese Fern Ball will make two fern dishes of the finest kind. Cut the ball in two and place the top and bottom in dishes, flat side down, and keep dampened. They will grow rapidly and will be an ornament to any room.

**PRICE, dormant balls, 65c EACH; postpaid**

**LARGER sized balls will be sent by EXPRESS for the same price BUT NOT PREPAID.**

## GINSENG ROOTS

**UNLIKE ANY OTHER PLANT, NOT ENOUGH IS RAISED TO SUPPLY THE DEMAND.**

It is a staple article of commerce and one of our largest exports to China, where it is called Sang or Sheng. Those who now have established beds of it in this country are making phenomenal profits.

*At this writing, January 10th, its market value, as quoted by the St. Louis "Globe-Democrat," is from \$3.75 to \$4.25 per pound; dry roots.*

**PRICES—Strong Roots. Postpaid.**  
Cultivated American Stock.

	Each	Three	Twelve	Twenty-Five	Hundred
1 year old.....	\$0.20	\$0.50	\$1.80	\$3.00	\$11.00
2 years old.....	.25	.60	2.00	3.50	12.00
3 years old.....	.30	.85	3.25	6.25	24.00
3 years old, (extra strong),	.35	.95	3.60	7.00	25.00

**Prices subject to change.** We prefer not to sell the seed, as much better results can be obtained from the roots.

We advise planting the larger sized roots for the **surest and quickest results.**

**Our Book, "ALL ABOUT GINSENG," FREE WITH EACH ORDER, or 10c each, if ordered alone.**

**Kain's Book, "Ginseng, Its Cultivation, Harvesting, Marketing and Market Value," illustrated; 35c, postpaid.**

# STRAWBERRIES

Owing to the great drought last season, Strawberry Plants are very scarce and high, but we are in position to supply most of the standard sorts, also this **NEW** one we list, which has been highly recommended and will be the leading Berry in the future, and advise our customers to try it this season.

## THE NICHOL'S "GRANVILLE."

These berries are large in size and perfect in form; color, when fully ripe, a very **dark red**, and **glossy**, as though **varnished**; flesh, **dark, solid** and delicious flavor, fresh or canned; ripens medium to late, holding up well in size, berry remaining **firm** on vine some time after ripe.

It has a **perfect blossom** and an excellent fertilizer. Fruit stems and leaves tall, bearing clusters well up from the ground, and is excellent plant maker. Plants are healthy, vigorous and productive, often double crowned; **not** liable to **rust**.

Price, dozen, \$1.50, postpaid. | 25, \$2.75; 50, \$4.00; 100, \$8.00.

*Prof. W. J. Green, of Ohio Exp. Sta.,* says: "Granville," somewhat of Miner's Prolific and Chas. Downing types. In productiveness about equals C. Downing, but is **larger** and less subject to rust. It is pre-eminently a berry for home use and canning. It holds its shape when canned equal to Warfield and Enchance, and is far superior to either in quality. There is no reason why there should any longer be complaint regarding quality of Strawberries with such varieties as 'Granville.'"

100 Any Variety, 75c, by Express.

OTHER VARIETIES	1,000	
Brandywine (B)-----	\$3.75	—Large; heavy yielder; one of the best.
Clyde (B)-----	4.00	—Cone-shaped; large; bright crimson.
Gandy (B)-----	4.00	—Very late; good size.
Haverland (P)-----	3.50	—Medium to large and very productive; early.
Seaford (P)-----	4.00	—Excellent; very large; medium early; fine for market.
Warfield (P)-----	3.75	—Very dark red; good size; prolific.
Wm. Belt (B)-----	4.00	—A good yielder; large in size.

Prices on other varieties furnished upon application.  
Special price on large quantities.

**WRITE US FOR SPECIAL PRICES ON  
RASPBERRY, BLACKBERRY, CURRANT AND GOOSEBERRY PLANTS  
STATE QUANTITY YOU REQUIRE**

## HARDY ORNAMENTAL SHRUBS

Fine, strong stock, 2 to 4 feet in height.

The following varieties, 35c each; any 3 for \$1.00; 12 for \$3.50; except Lilac.

**Positively no Shrubs will be sent by mail; they are too large and bulky. We carefully pack them, and label each variety, and ship by freight or express at your expense.**

When a Shrub and a Rose, Geranium or other such plant are included in the same order, we ship both together by express at your expense and give you a stronger and larger Rose, etc., than if we shipped them by mail separate from the Shrub.

- Calycanthus** (STRAWBERRY SHRUB). Deep purple, fragrant flowers.
- Deutzia, gracilis**. Delicate white; early.
- Forsythia** (GOLDEN BELL). One of the earliest shrubs.
- Hydrangea, Paniculata Grandiflora**. The most popular of all shrubs.
- Lilac (Syringa) Purple** } 35c { Its masses of flowers during
- Lilac, White . . . .** } apiece { June, combined with its delicious
- } straight. { fragrance, gives it a popularity
- }            { that it can never lose.
- Philadelphus** (MOCK ORANGE). White, fragrant flowers.
- Spiraea, Reevesii fl. pl.** One of the finest; white, large round clusters.
- Spiraea, Van Houttei**. Tall, numerous shoots, which curve gracefully towards the ground.
- Weigelia, candida**. Pure white.
- "    *rosea*. Pink.
- "    *variegata*. Variegated foliage, flowers lighter than *rosea*.
- Viburnum, sterilis**, (COMMON SNOWBALL).
- "    *Plicatum*, (JAPANESE SNOWBALL).

# PLANTS

From one page devoted to them in our last year's catalog we received so many orders that we are assured our customers appreciate our adding this department to the business.

This year we expect to furnish even **BETTER** stock than we did last year, and have increased the catalog space to four pages, and are equipped for a corresponding increase in orders.

.... PRICES ....

Unless otherwise stated, they include postage.

For the same price quoted here, instead of mailing the plants and paying postage, we will send "extra large" sized plants by express at **your expense**.

More satisfaction can be derived from the larger sized plant, but by no means do we wish to discourage the sale of the "mail-order size." Many more of the latter than of the former are bought each year, and they give good results.

By following the Directions for Growing Plants, which are **sent with every order**, a fine large blooming plant will be the reward of a few weeks' care.

**All plants will be mailed on receipt of your order, weather permitting.**



## ROSES

Monthly or Everblooming Varieties

10c each; set of 6 for 50c.

**Kaiserine Aug Victoria**—An extra fine white variety faintly blended with cream; free and vigorous grower.

**Souv de Pres. Carnot**—Soft delicate pink, one of the best growers and bloomers of the tea roses.

**Golden Gate**—Strong, healthy grower, long pointed buds opening to full double flowers; creamy white bordered with clear rose.

**The Bride**—The standard white rose for cutflowers; strong, vigorous grower.

**Perle des Jardins**—The most popular yellow rose grown; bud of round form, deliciously fragrant.

**Meteor**—Dark, rich, velvety crimson; free bloomer; excellent for bedding.

## GERANIUMS

10c each; 6 for 50c; 15 for \$1.00

**S. A. Nutt, (DOUBLE)**—A very dark crimson, the king of the dark varieties; perfect flowers and a free bloomer.

**Beaute Poltevine, (DOUBLE)**—The best double salmon; used extensively in bedding.

**La Favorite, (DOUBLE)**—An old standard double white, still the best of its color.

**Mrs. E. G. Hill, (SINGLE)**—The best single salmon variety.

**Alphonse Ricard, (SINGLE)**—Strong grower, dwarf and branching; flowers of enormous size, of a brilliant orange red.

**Queen of the West, (SINGLE)**—The best bedding geranium in cultivation; color a light glowing scarlet.

**Rose Geranium.**—An old favorite, leaves finely cut and sweet scented.

**SICK PLANTS need a Tonic. Give them a dose of "WALKER'S PLANT FOOD." Box, 20c; postpaid.**

# ROSES

**H**AVE you an ugly out-house, fence, or tree stump to cover, or a veranda or trellis?

Try a Climbing Rose—there's nothing better for covering it, and nothing prettier.

None is more popular than **CRIMSON RAMBLER**.

HYBRID WICHURAIANAS

## Manda's New Evergreen Memorial Roses

We have not space in which to describe this wonderful race of Roses, but knowing that many of our customers have read of them elsewhere, they scarcely need any description.

The Memorial Rose *thrives* where nothing else will grow, and covers *everything* with a luxuriant growth of 20 feet or more in a single season. Flowers are large and very fragrant. The foliage is evergreen—that is, it keeps all winter, a character never before attained in a Rose.

Either the single white or pink sort, 15c each

## Crimson Rambler

The greatest introduction among Roses in the last twenty-five years. Perfectly hardy, and produces its grand clusters of brilliant crimson blossoms in June.

It makes vines 10 to 12 feet high after the first year, and a mass of flowers.

15c each, 2 for 25c.

What is more beautiful than this

## "Bridesmaid?"

If there is one Rose more beautiful than another, that Rose is "**Bridesmaid.**" It is the standard pink cut-flower Rose of America. This climbing Bridesmaid differs from its parent in its climbing habit only. It attains a height of from 10 to 15 feet in a single season, and blooms practically all the time.

15c each



# Carnations

10c each, 6 for 50c

**Lizzie McGowan.**—An elegant white variety that is very popular.

**Wm. Scott.**—Delicate bright pink with finely fringed petals; the standard pink.

**Firefly.**—An early and profuse bloomer, a rich scarlet color with occasional white markings.

**Eldorado.**—The best yellow for all purposes, an early and continuous flowerer. A beautiful shade of yellow with red markings.

**General Gomez.**—This surpasses all the dark Carnations yet disseminated; a brilliant cardinal maroon; large flowers on stiff stems.

**C. A. Dana.**—One of the best light pinks, lighter than Scott; strong, vigorous grower.



**"HOW TO CARE FOR PLANTS,"** sent free with every order for plants.



Plants — Continued



**Rudbeckia**  
"Golden Glow"

A beautiful, hardy perennial, attaining a height of eight feet, blooming from July to September. Flowers double, deep golden yellow, and borne on long stems, making it suitable for cutting. One of the most effective decorative

plants for garden or lawn. It is covered with a mass of flowers all summer.

Each, 15c; 2 for 25c.

**Asparagus—Sprengeri**

A beautiful house plant, easily grown; when in a six or seven-inch pot, it makes sprays a yard long. It is used in all fine work.

10c each, 3 for 25c.

**Violets**

10c each, 3 for 25c.

"GOLDEN GLOW"

**California.** A robust, strong grower, with heavy foliage, entirely free from disease. Flowers single and very fragrant. Color, a clear violet-purple.

**Farquhar.** A beautiful, new, double violet, strong and healthy; produces freely deep, double flowers of delicious fragrance.

**PANSIES.** Universal favorites, too well known to need description. Mammoth flowering. 60c per dozen.

**SWORD FERN** (*Nephrolepis Ex. Bostoniensis*). This is an improved form of the ordinary Sword Fern in having a longer frond; these frequently grow to the length of six feet, and their graceful drooping habit makes this a fine house plant.

15c each, 2 for 25c.

**LEMON VERBENA.** A well-known favorite of the garden. Its leaves are delightfully fragrant.

15c each, 2 for 25c.

**Chrysanthemums**

10c each, 6 for 50c

**Ivory.** Pure white, very double, dwarf, sturdy grower.

**Golden Wedding.** A deep bright golden color, flowers large, borne on strong stems, one of the best yellows.

**Geo. W. Childs.** One of the best reds, flowers of large size, petals broad and heavy, color dark crimson.

**Margaret Jefford.** A beautiful light bronze, large flower, built high in center; an exhibition variety.

**Mrs. Perrine.** Color bright, rosy pink; all that could be desired in growth and foliage.

**Vivian Morell.** A soft bright pink, petals reflex, large flower; the standard of its color.

**Coleus**

10c each, 3 for 25c.

Beautiful bedding plants, with ornamental leaves.

We have six named varieties.

**Heliotrope**

10c each, 3 for 25c.

Prized more for its fragrance than for the beauty of its flowers.

We can furnish four different varieties.

**Stevia Serrata**

Free blooming plants, bearing a multitude of fragrant, pure white flowers. Suitable for fall and winter blooming.

10c each, 3 for 25c.

**Verbena**

5c each, 6 for 25c.

No plant will give better satisfaction for bedding.

**Crystal.** Large truss, pure white.

**Blue Bird.** Large, dark blue, white eye.

**Marion.** Perfect form; mauve white center.

**Velvet Mantle.** Glowing scarlet, white eye.

**Century.** Brilliant scarlet, clear white center.

**Mayflower.** Salmon-shaded carmine, center white.

**CLIMBERS**

**Ampelopsis, Veitchii.** The well-known and popular Boston Ivy; perfectly hardy, clings to any substance and covered in the fall with its scarlet, crimson and orange-shaded foliage. 20c each.

**Clematis, Paniculata.** Of rapid growth, perfectly hardy, and during its flowering season, August and September, it is a perfect mass of small white flowers, deliciously fragrant. 25c each.

**Clematis, Jackmanii.** The most popular of the clematis family; masses of deep purple flowers; borne from June until frost. Heavy vines, 75c each.

**Moon Flower.** Few flowers that give the satisfaction this does; is a rapid grower, one plant often covering a space of 40x25 feet. 10c each.



# SWEET PEAS



All Varieties

5c Per Packet

Separate Colors

10c Per Ounce

Except No. 1431

After all the lengthy cultural directions that have been written for Sweet Peas, it is probably only necessary that we briefly rehearse those parts of the instructions that are **ESSENTIAL** to the successful cultivation of the Sweet Pea in our Middle West.

Plant the seed very early and very deep, in a place where it is sunny **PART** of the day only. Cover it about two inches, and fill in the balance of soil to within two inches from the surface **AFTER** plants have reached the top of the trench. Before hot weather arrives, and after vines have received shallow hoeings, fill in the remaining two inches with dried leaves, hay or other such material and turn the hose or several bucketfuls of water on them **EVERY NIGHT**.

Pick the flowers as soon as they appear and if you do not get an abundance of them, after doing this, something else is wrong.

- 1400—America. White, heavily striped blood red. The most showy striped.
- 1402—Aurora. White, magnificently flaked and striped orange.
- 1404—Black Knight. Very deep maroon, almost black. Large expanded flowers.
- 1406—Blanche Burpee. Originated by Mr. Eckford: one of the best white sorts to-day.
- 1408—Blanche Ferry. The popular pink and white variety. Grows taller than 1438.
- 1410—Captivation. Purplish-magenta. Dainty form and captivating color.
- 1412—Columbia. (Red, White and Blue). The three colors are quite distinct.
- 1414—Coquette. Light violet shading to primrose; a soft and pretty shade.
- 1416—Countess of Radnor Improved. Pure light lavender; free from any reddish tinge.
- 1418—Countess Cadogan. Light bluish purple, clear blue wings; large size.
- 1420—Crown Jewel. Pink standards; lighter pink wings, slightly tinged violet; large.
- 1426—Dorothy Tennant. Rosy mauve. Large size and of fine form. Very popular.
- 1428—Duchess of Sutherland. (Modesty). Very soft blush, almost white. Long stems.
- 1430—Duke of Sutherland. Purplish maroon standard, indigo blue wings.
- 1432—Earliest of All. The best sort for forcing. Flowers pink and white.
- 1434—Eliza Eckford. White shaded and edged with light pink, wings almost white.
- 1436—Emily Henderson. Very early free blooming white. Popular for forcing.
- 1438—Extra Early Blanche Ferry. About two weeks earlier than 1436 and of dwarfer habit.
- 1440—Fashion. Light purplish carmine. A distinct color and undoubtedly pretty.
- 1442—Gray Friar. White watered and dotted reddish lilac. Rather odd effect; quite pretty.
- 1444—Gorgeous. Similar to 1452, but a shade deeper in the attractive orange coloring.
- 1446—Her Majesty. Large, bold form. Beautiful rose color. Still a favorite in its class.
- 1448—Katherine Tracy. A lovely, bright pink. Stands our hot sun better than others.
- 1450—Lady Grisel Hamilton. Attractive light lavender blue. Flowers extra large.
- 1452—Lady Mary Curry. Orange-pink, delicately shaded lilac. Free bloomer.
- 1454—Lottie Eckford. White, edged and suffused blue. Flowers frequently are double.
- 1456—Lovely. Soft shell pink, of good form and large size. Well named.
- 1458—Maid of Honor. (Improved Butterfly). White, shaded blue, edged violet.
- 1460—Mars. The best red variety, although it will fade at times under a strong sun.
- 1462—Mrs. Eckford. Pale primrose yellow, of graceful form and large size.
- 1464—Mrs. Sankey. White, although opens with a slight tinge of pink. Hardy.
- 1466—Mrs. Jos. Chamberlain. Very large. White, striped and shaded bright rose.
- 1468—Mrs. Dugdale. A giant flower. Beautiful deep rose. Unexcelled for cutting.
- 1474—Oriental. Bright pink suffused with orange and primrose. A beauty.
- 1476—Othello. Termed the Best Dark Sweet Pea.
- 1478—Prima Donna. In our opinion the best light pink; graceful form and long stems.
- 1480—Prince Edward of York. Brilliant scarlet; wings brightest rose. Very showy.
- 1482—Prince of Wales. Bright rose pink. Larger and superior to Her Majesty.
- 1484—Queen Victoria. Light primrose yellow. More easily grown than 1462; black seeds.
- 1486—Ramona. White, flaked and striped pale pink. Grand large flower.
- 1488—Royal Rose. Deep rosy pink; wings a charming lighter shade. One of the largest.
- 1490—Sadie Burpee. Eckford's new hooded pure white. A most dainty, beautiful flower.
- 1492—Salopian. The best red for general purposes. Long stems; does not fade.
- 1494—Senator. Deep purplish maroon, striped white. The best dark striped variety.
- 1496—Sensation. Pale buff and pink; white wings; nearly always four flowers to a stem.
- 1498—Stella Morse. Cream color, with delicate rose pink flush. Exquisite.
- 1500—Wawona. Heliotrope, distinctly striped white. Very effective.

# WHITE EARLIEST OF ALL

**THE EARLIEST WHITE SWEET PEA IN EXISTENCE  
A COMPANION VARIETY FOR THE POPULAR PINK AND  
WHITE "EARLIEST OF ALL"**

In habit of growth it is much more dwarf than the average tall variety—in fact, it has been grown without support of any kind, with highly satisfactory results.

The flowers are profusely produced, two and frequently three to a stem. They are of large size, perfect form and purest white.

For forcing, it is unexcelled. Being earlier, and its flowers of better form than Emily Henderson, it seems destined to supersede that variety for all purposes.

No. 1431—Packet, 5c; ounce, 25c; ¼ lb., 75c; 1b., \$2.50; postpaid.

## NAVY BLUE

**ONE OF THE RICHEST AND MOST DISTINCT COLORS**

This variety, originated in California, is a shade darker than Countess Cadogan. Vines are of very strong, vigorous growth, wonderfully free flowering; a row of them planted in our trial grounds in the midst of a hundred other varieties, was the most conspicuous row of all, and attracted much attention.

The color is a rich violet-purple, and is very effective either alone or with other colors.

Packet, 5c; ounce, 10c; ¼ lb., 20c; 1b., 50c; postpaid.

## Cupid, or Dwarf Sweet Peas

They grow but six inches high and are good for pots, bedding or borders. Will not stand hot weather as well as the tall varieties, but where they are brought into full bloom they are a most attractive little plant. The flowers are equally as large as other varieties, but stems are shorter.

No. 1422—White. Pure white; not so hardy and easily grown as the pink variety.

No. 1424—Pink. Flowers same color and form as Blanche Ferry, the well-known pink and white variety. Blooms more freely than No. 1422.

Packets, 5c; ounce, 15c; either variety.

## Burpee's Bush Sweet Peas

We can best describe these in the words of their originator: "The plants are semi-erect, 15 to 18 inches in height when in full flower, but branching freely so that the close bushes are frequently 15 inches and more in diameter; composed of short, erect branches, with abundant light green foliage. The flowers are of nearly equally large size, fine form, and beautiful coloring as the tall varieties, and are quite distinct from the Cupid type in being borne on long slender stems. As the stems of flowers can be cut with some of the neat, attractive foliage, they are most desirable for bunching in bouquets or used as floral decorations."

We believe that this distinct race of Sweet Peas will come into more popular favor than the Cupids have, in our part of the country, yet, not having given them more than one trial, in a season of unfavorable weather, we suspend judgment until our customers give them a trial.



**We will  
Have no  
Seed  
Of them for  
Sale this  
Season,  
But will  
Gratuitously  
Distribute  
Our stock  
For Trial**

**With every  
Order for  
25c worth  
Of Sweet  
Peas  
We will  
Include  
A packet  
Of  
Burpee's  
Bush**

# SWEET PEAS

## Eckford's New Seedlings, Mixed

**No. 1504**—Composed entirely of Eckford's finest large-flowered varieties, many of which are listed on the preceding pages. We make up this mixture from a special formula, putting in the different sorts in proportionate quantities to produce a grand combination of colors; far superior to mixture for which the different varieties have **not** been grown isolated and the seed mixed together after it is harvested.

Ounce, 10c;  $\frac{1}{4}$  pound, 20c; pound, 50c; postpaid.



**No. 1502—P. S. Co.'s Superb Mixed.** This strain, while not embracing such fine varieties as are found in Eckford's New Seedlings Mixed, is by no means to be classed a "cheap mixture," as it is made up of an assortment of many beautiful tints and colors of large-flowered sorts.

Ounce, 10c;  $\frac{1}{4}$  pound, 15c; pound, 45c; postpaid.

**No. 1506—Pinks and Reds Mixed.** An attractive mixture of all the light and dark shades of red and pink.

Ounce, 10c;  $\frac{1}{4}$  pound, 20c.

**No. 1508—Mixture of Striped Varieties.** All the finest and most distinct striped sorts, including America, Ramona and others equally as pretty, in proportions to give a good effect when bunched together.

Ounce, 10c;  $\frac{1}{4}$  pound, 20c.

**No. 1510—Mixture of Light Colors.** We believe that the light colored varieties of Sweet Peas are more generally popular than the darker ones. We have made up this special mixture out of seed of the very choicest sorts, such as Prima Donna, Lady Grisel Hamilton, Fashion and other beautiful varieties. **Since first offered, three years ago, it has become very popular.**

Ounce, 10c;  $\frac{1}{4}$  pound, 20c.

Any Variety **5c** PER PACKET of one-fourth ounce

One Ounce Will Sow a 25-foot Row.

## 11 PACKETS FOR A "QUARTER"

Our 25-cent collections of Sweet Peas have proved to be such a popular seller, that we this year again offer them.

The varieties are even more beautiful than those of last year, and in every collection is included a trial packet of Burpee's Bush Sweet Pea and circular "Directions for Growing Sweet Peas."

**11 Packets** Enough Seed for a 60-foot Row, and the circular--- **25c postpaid**

**Our Selection of Varieties.** No changes can be made as the collections are put up in advance of the selling season, else we could not sell them at such low prices.



**MARKET GARDENERS and Truckers who buy seeds and sell the products, are invited to send for our WHOLESALE CATALOGUE.**

In writing for it, please state that you "grow for profit," as the catalogue is sent only to those entitled to "wholesale prices" and who buy seed in large quantity.

Our Seeds, largely used by gardeners around St. Louis and in the large trucking districts of the South, meet the competition of seeds from all sources—and meet them successfully. We supply SEEDS THAT GROW and produce a profitable crop.

## Postage is Included

in the price of **Packets, Ounces, Quarter Pounds and One Pounds** of all seed quoted in this Catalogue, except where noted otherwise. **Plants** of the "mail-order size" and **Flowering Bulbs** are also sent **postpaid**.

Many packages weighing two pounds and over we ship by prepaid express in preference to mail. It is a little cheaper, and the safe arrival of the goods is insured.

**Customers who desire to pay their own express charges, upon delivery of the goods, may deduct 10c PER POUND from the postpaid prices and remit us the balance.**

☞ Before writing out your order, **Read Page 3**. It is of especial interest to YOU and will prevent misunderstandings.

## Garden Seed Table

These quantities are estimated on a basis of securing a "full stand," even if weather and soil happen to be unfavorable.

	Seed for a			Seed for a	
	1 acre	300-ft. row		1 acre	300-ft. row
Artichoke	6 oz.	8 oz.	Melon, Musk (hills)	12 lbs.	12 oz.
Asparagus	6 lbs.	8 oz.	Melon, Water	5 lbs.	2 oz.
Beans, Dwarf (drills)	1½ bu.	3 qts.	Mushroom, 1 lb. to 9 sq. ft. of bed.		
Pole	½ bu.	1 pint	Okra	5 lbs.	2 oz.
Beet, Garden	6 lbs.	5 oz.	for sets	50 lbs.	8 oz.
Beet, Mangel	7 lbs.		Parsnip	5 lbs.	
Broccoli	4 to 6 oz.	½ oz.	Parsley	4 lbs.	2 oz.
Brussels Sprouts	4 to 6 oz.	½ oz.	Peas, garden	2 bu.	3 qts.
Cabbage, outdoors	10 oz.	1 oz.	Pepper		½ oz.
sown in frames,	6 oz.		Pumpkin (hills)	5 lbs.	2 oz.
Carrot	4 lbs.	3 oz.	Radish	10 lbs.	6 oz.
Cauliflower		½ oz.	Rhubarb	3½ lbs.	4 oz.
Celery	6 oz.	3 oz.	Salsify	8 lbs.	4 oz.
Collards (drills)	3 lbs.	½ oz.	Spinach (drills)	10 lbs.	6 oz.
Corn, Sweet (hills)	8 qts.	1 pint	Spinach (broadcast)	30 lbs.	
Cucumber	3 lbs.	4 oz.	Squash	4 to 6 lbs.	3 oz.
Egg Plant	4 oz.	½ oz.	Tomato (in frame)	3 oz.	1 oz.
Endive	4 lbs.	2 oz.	Tobacco		2 oz.
Kale (drills)	4 lbs.		Turnip (drills)	2 lbs.	3 oz.
Kohl Rabi		1 oz.	Turnip (broadcast)	3 lbs.	
Leek	4 lbs.	2 oz.			
Lettuce	3 lbs.	2 oz.			

The number of PLANTS to set one acre and the number of plants produced by one ounce of seed will be found under the cultural directions for each variety.

# DWARF BEANS

**CULTURE.**—Make drills in settled weather, 18 inches to 2 feet apart; drop the beans 2 or 3 inches apart in the drills, and cover not more than 2 inches. Hoe well in *dry* weather, and pull the soil slightly up around the plants. For a succession, sow every two weeks until as late as August.

For *Quantity to Sow* and *Time to Sow*, see pages 33 and 64.

Directions are also printed on our *Seed Packets*.

## GREEN-PODDED VARIETIES



Very profitable for market

### Stringless Green Pod

The most valuable strain of green-podded Bush Beans in existence. The only variety that is really stringless. It is extra early in ripening and quality is the finest.

Pods of a rich green color, are very round and straight (longer and straighter than Valentine), solidly meaty and broad, tender, brittle, and of the best flavor. Beans continuously for weeks, and pods remain in edible condition for a long time. A heavy cropper and about one week earlier than the Valentine. We believe that it is destined to supersede the Valentine for all purposes.

Pint, 25c; quart, 45c; postpaid.

### Early Mohawk

The hardiest variety of all; as it can be planted earlier than others, it is the first to furnish pods fit for use. It is largely grown in the South.

Vine large, coarse and straggling; early and very prolific.

Pods long, flat and straight; quality only fair.

Pint, 25c; quart, 45c; postpaid.

### Round Yellow Six Weeks

The pods are shorter, very much thicker, rounder and more fleshy than the Long Yellow Six Weeks. Is improved in quality and quite stringless. It is fully as hardy and vigorous as the old sort and generally earlier. Dry beans are yellow.

Pint, 25c; quart, 45c; postpaid.

### Long Yellow Six Weeks

Hardy, early and productive; in some sections a very popular market sort. Long, straight, broad, well-filled pods, of handsome appearance and of good quality when young. The dry beans are yellow.

Pint, 25c; quart, 45c; postpaid.

### Extra Early Refugee

Ten days or two weeks earlier than the old, original variety, and is equally as tender, fine in flavor and productive.

Pods round, slightly pointed at the end, fleshy and of mild flavor. Never fails to produce a crop even in unfavorable seasons.

Pint, 25c; quart, 45c; postpaid

### Best of All

Very popular in the South

Round, glossy green pods; very tender and succulent. It is early and an enormous producer. A good bean for either market or family use.

Pint, 30c; quart, 50c; postpaid.

### Other Varieties Too well known to need description

	Postpaid—Pt.	Qt.
Refugee, or Thousand to One	25c	45c
Hardy; very abundant yielder.		
Dwarf Horticultural	30c	50c
Late and productive; flat pods.		
China Red Eye	25c	45c
Early and prolific.		

*Dwarf Beans, Green-Podded Varieties—Continued*

**Giant Stringless  
Green Pod**

**MAMMOTH PODS  
ENTIRELY STRINGLESS**

A valuable sort for the market gardener and canner.

Pods of this variety are one-third larger than Valentine, and it is claimed that it is earlier; not so early as the original Stringless Green Pod, but it is desirable to plant with that variety for a succession. It retains all the characteristics and good qualities of its parent, but with a very much larger and more showy pod.

Pint, 25c; qt., 45c; postpaid.

**Large Packets  
All Beans  
10c each ~~25~~  
postpaid**

**See Specialty Pages:  
Pencil-Pod Black Wax  
Round-Pod Kidney Wax**

"I am now busy picking your **Giant Stringless Green-Pod Beans**. They are like the picture in the catalogue and you **cannot say too much about them.**"—IRVIN LINET, Springfield, Mo., September 15th, 1901.

**Extra Early Red Valentine THE STANDARD DWARF  
GREEN SNAP BEAN**

A favorite with market gardeners. Is ready for the basket in from forty to forty-five days, and a large proportion of the pods can be secured at one gathering.

Pods round, thick and solid, medium length, curved cylindrical, with crease in back; very fleshy and of unsurpassed tenderness and quality. Hardy and vigorous in growth, as well as productive.

Pint, 25c; quart, 45c; postpaid.

**WAX-PODDED VARIETIES**

**Wardwell's Kidney Wax A GOOD VARIETY TO  
GROW FOR SHIPPING**

Extra early, hardy and productive. Pods long, broad, flat and of a delicate waxy yellow, entirely stringless and remarkably free from rust. Very popular in the South, where it is the standard variety for shipping to northern markets.

Pint, 35c; quart, 55c; postpaid.

**Davis Wax A HANDSOME BEAN**

**It is particularly valuable for canning and for market**

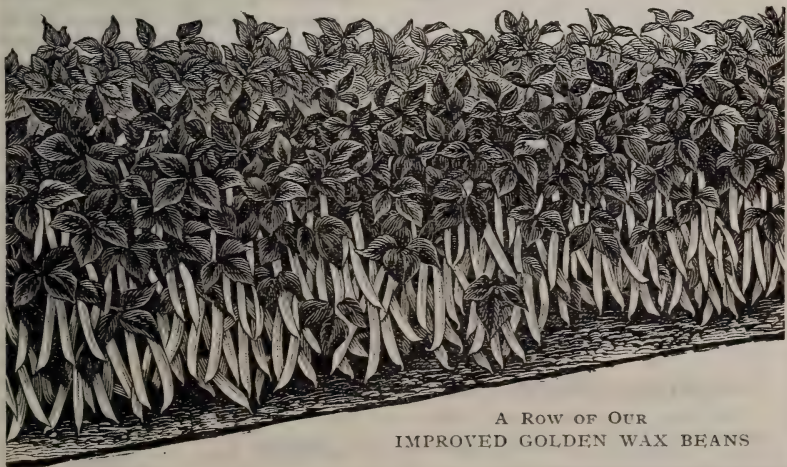
Of stout growth and wonderfully prolific, and holds its long, straight, oval pods well above the ground. The pods are of a clear waxy white color, and are more conspicuous than the foliage itself when the bush is in full bearing. Pods are plump, full and entirely rust-proof; when gathered young, are tender and of good quality. Used as a snap-short and also as a shelled bean. Seeds are pure white, kidney shaped.

Pint, 35c; quart, 55c; postpaid.

**Improved Golden Wax THE STANDARD  
FLAT-POD WAX BEAN**

Pods are long, flat, brittle and stringless; of tender, melting flavor at all stages of its growth. Very early and prolific. Of a beautiful waxy color and very fleshy. Our strain is superior to the "ordinary" Golden Wax.

Pint, 30c; quart, 50c; postpaid.



A ROW OF OUR  
IMPROVED GOLDEN WAX BEANS

*Handwritten notes on the right margin: "Kidney Wax", "Round-Pod Kidney Wax", "Pencil-Pod Black Wax".*

*Dwarf Beans, Wax-Podded Varieties—Continued*

**PROLIFIC GERMAN BLACK WAX**

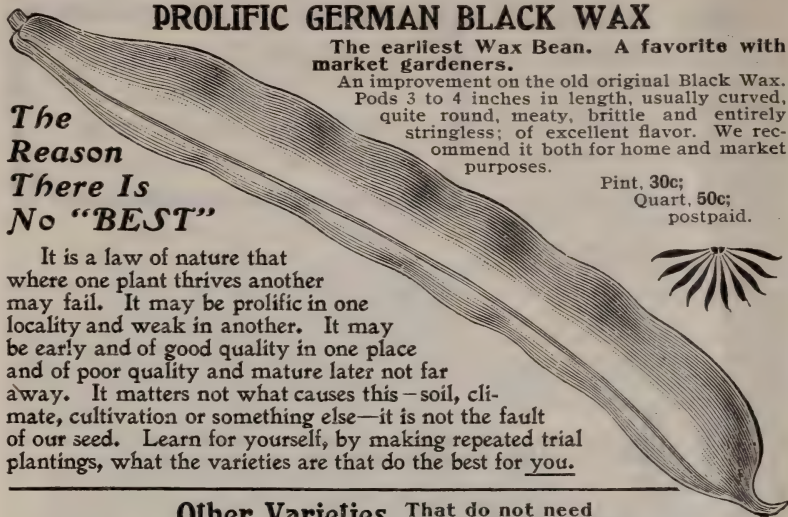
The earliest Wax Bean. A favorite with market gardeners.

An improvement on the old original Black Wax. Pods 3 to 4 inches in length, usually curved, quite round, meaty, brittle and entirely stringless; of excellent flavor. We recommend it both for home and market purposes.

**The Reason There Is No "BEST"**

It is a law of nature that where one plant thrives another may fail. It may be prolific in one locality and weak in another. It may be early and of good quality in one place and of poor quality and mature later not far away. It matters not what causes this—soil, climate, cultivation or something else—it is not the fault of our seed. Learn for yourself, by making repeated trial plantings, what the varieties are that do the best for you.

Pint, 30c;  
Quart, 50c;  
postpaid.



**Other Varieties That do not need detailed description**

	Postpaid—Pint	Qt.
<b>Keeney's Rustless Golden Wax.</b> Hardy, productive, fine quality	\$0 30	\$0 60
<b>Currie's Rust-proof Wax.</b> Long, flat, tender pods	30	60
<b>Scarlet Flageolet Wax.</b> Very large, stringless pods, of fine quality	30	60
<b>Golden-Eyed Wax.</b> Hardy, vigorous grower; very early	25	45

**DWARF LIMA BEANS**

**Henderson's**

The earliest of the Bush Limas. Two weeks earlier than the Pole Limas.

Grows in compact bush form and produces large crops of delicious beans; they are small in size. Very popular with market gardeners, and of high table merit, and a favorite for the home gardens on account of its delicious flavor and great productiveness. Ripens very early and bears until frost.

Pint, 35c; quart, 55c; postpaid.

**Burpee's**

True bush form of the Large Lima

While not so early as Henderson's, this is better in quality and beans are much larger. Plants are uniformly dwarf, but enormously productive, single plants under favorable circumstances yielding from 200 to 350 pods. In small gardens this variety of Dwarf Bush Lima should always be planted in preference to any Pole Lima.

Pint, 35c; quart, 55c; postpaid.

**ENGLISH BEANS**

They are not popular in this country, but are as highly prized in England as the Lima is here.

If planted early in a rich, loamy soil, and in a cool climate, they will produce a very good crop.

**Broad Windsor**

Pint, 35c; quart, 55c; postpaid.

**"STRINGLESS" Beans**

Very many private growers allow their snap-short beans to become too large before picking, consequently they are stringy and unfit for use. Almost all varieties are nearly stringless when young, and only in that state should they be used.

**POLE BEANS** (All the following varieties have green pods) ~ ~ ~

They are less hardy than the dwarf varieties and should be planted later.

**Dutch Case-Knife** Good either as a snap-short or shelled

Produces very plentifully early in the season, large, flat pods that are quite brittle when gathered young for snap-shorts. It twines more loosely than some, so may well be used for a corn-hill bean. Beans are pure white, broad, flat, kidney-shaped; of excellent quality green or dry.

Pint, 30c; quart, 50c; postpaid.

**Pole Horticultural (Cranberry)** A good snap or shell bean

Pods short and broad; beans large, ovate, splashed and spotted wine red. A fine bean to shell for home winter use.

Pint, 30c; quart, 50c; postpaid.



*Pole Beans—Continued*

**Kentucky Wonder**

(Illustrated)

Earlier than Southern Prolific and has larger pods.

Is enormously productive; the poles are literally covered with pods from the top to bottom. Entirely stringless, and the pods, of a silvery green color, resemble the Refugee Bush Bean, and, although large, cook well. We are inclined to judge this the very best pole bean here listed. It is also called **Old Homestead**.

Pint, 35c; quart, 60c; postpaid.

**Missouri White Cornfield**

A popular variety with the local Missouri planters. Long, green, round, fleshy pods, of good quality and tender.

Pint, 35c; quart, 60c; postpaid.

**Red Speckled Cut-short Cornhill**

Extensively used for planting among corn.

Pods short, cylindrical and tender. One of the best varieties to give a good crop without poles.

Pint, 35c; quart, 60c; postpaid.

**White Creaseback**

One of the earliest and best green-podded beans for snap-shorts.

Pods are perfectly round and deeply creased, or "saddle-backed," meaty, entirely stringless and of the best quality. Of rapid growth and very productive. Dry beans are pure white and excellent for winter use.

Pint, 35c; quart, 60c; postpaid.

**Southern Prolific (Fat Horse)**

Long, thick pods, borne in clusters. Vigorous and prolific. An excellent snap-short.

Pint, 30c; quart, 50c; postpaid.



KENTUCKY WONDER

**Other Varieties**

	Postpaid—Pint.	Qt.
Hemisphere.....	\$0 35	\$0 60
Scarlet Runner.....	35	60
Black Wax Pole (Indian Chief). Good for "snaps" or shelled green; wax pods.....	35	60
Golden Cluster Wax. A profuse bearer; flavor is delicious; wax pods.....	35	60

**POLE LIMAS**

**CULTURE.**—Set the poles, if possible, before planting. They should not be put into the ground before May, or not until the ground is dry and warm, for if planted too early the seed is apt to rot; are very tender and cannot bear the slightest frost.

**Extra Early Jersey**

Remarkable for its extreme earliness. It is ready for picking from 8 to 10 days earlier than any other variety; frequently ready for picking by the middle of July. The beans and pods are smaller than those of the common Lima, but are considered of a more delicate flavor.

Pint, 35c; quart, 55c; postpaid.

**Small White (Sieva)**

Is very early and hardy.  
Pint, 35c; quart, 55c; postpaid.

**Large White**

The most extensively grown variety, both for market and home use.  
Pint, 35c; quart, 55c; postpaid.



**OUR PACKETS**

of BEANS and PEAS contain

**3 OZ.** of seed. Price, **10c** postpaid

See PAGE 41 for prices for pecks and bushels, and quarts NOT postpaid

# PEAS

**CULTURE.**—The planting of an early crop of garden peas should be done in the spring, as soon as the ground can be worked, in a warm, dry situation, and covered about 3 inches. They are usually planted in double rows from 3 to 4 feet apart, and those requiring it bushed when about 6 inches high. They should be kept clean, and earthed up twice in their growth.

For *Quantity to Sow* and *Time to Sow*, see pages 33 and 64.

Brief directions are also printed on our Seed Packets.

## “PLANT’S” EXTRA EARLY



**Unequaled in earliness, yield and regularity of growth.**

**The earliest and best of the smooth, white extra earlies.**

**The best sort for the market gardener.**

“Plant’s” Extra Early Pea is absolutely the best and most profitable for all who desire a variety that combines the merits of being extra early, productive and of good quality. Matures in from 40 to 45 days after germination, and the full, round, dark green pods are produced in wonderful profusion. Practically all the pods can be gathered at one or two pickings, and, being of strong texture, are well fitted for shipping long distances. The peas are of medium size, round, smooth and of splendid flavor. On average soil, grows not over two feet in height, and is regular in growth as well as in ripening.

*The seed of this superior and distinct strain has been grown in the far North, and, being picked only from choicest selected vines, it is so improved that it fully sustains our claim of being the BEST OF THE EXTRA EARLIES.*

Pint, 25c; quart, 45c; postpaid.

## Alaska

**A valuable variety for market gardeners and canners**

It is the earliest blue pea and matures all its crop at one time. The dark green color of the pods makes it extremely desirable, as they can be carried long distances without losing color. Height, two feet. Sometimes called Earliest of All.

Pint, 25c; quart, 45c; postpaid.

## Extra Early ECLIPSE (Surprise)

An extra early green wrinkled variety, ripening with Maud S. and Alaska. Resembles these varieties in vine, size and shape of the pod. Height, two feet. A splendid cropper. Has the delicate flavor and tender quality of the later wrinkled sorts, and, without the least exaggeration, we can say that it is one of the **very earliest of the new wrinkled varieties**, but peas and pods are not of the large size of Gradus or Thomas Laxton.

Pint, 35c; quart, 55c; postpaid.

**All Peas, 10c per PACKET, postpaid**

## Peas—Continued

### **GRADUS (Prosperity)** A "FIRST EARLY" WRINKLED PEA (Illustrated)

One of the most distinct and useful varieties of late introduction

Comes in only two or three days after the small, round extra earlys. Pods 4 to 5 inches in length, of handsome appearance; are nearly round and well filled with from seven to nine big peas of delicious quality. They remain in an edible condition for some time after picking, making it a valuable market variety. Height, 3 feet.

Gradus will become one of the most popular peas with the market gardener, as well as the amateur, and we heartily recommend it to all.

Pint, 40c; quart, 70c; postpaid.

### **First and Best**

A first-class, selected strain of extra earlys. Of robust, branching habit, and very early; hardy; productive; ripens uniformly. Height, 2 feet.

Pint, 25c; quart, 45c; postpaid.

## **Extra Early Dwarfs**

(NO STICKS REQUIRED)

### **Nott's Excelsior (Wrinkled)**

The Best Early Dwarf Pea

The vine is larger and more vigorous, and pods are larger, than American Wonder, while it is also earlier and more vigorous than Premium Gem, and is tender and sweet in flavor.

May be planted almost as early as the smooth varieties and matures almost as soon, and the superior flavor of a wrinkled pea to that of a smooth one needs no comment. Height, 14 in.

Pint, 35c; quart, 60c; postpaid.

### **American Wonder (Wrinkled)**

This is nearly as early as our First and Best, and, while improvements on it have been made, it is still a great favorite. Does not grow more than one foot high, but produces a profusion of good-sized and well-filled pods.

Pint, 35c; quart, 60c; postpaid.

### **McLean's Little Gem (Wrinkled)**

A dwarf, prolific, green wrinkled marrow; habit similar to the Tom Thumb. It has all the sugary flavor of the late wrinkled peas, besides being early. Height, 1 foot.

Pint, 35c; quart, 55c; postpaid.

### **Carter's Premium Gem (Wrinkled)**

An improvement on McLean's Little Gem. Longer pods and of more robust growth.

Pint, 35c; quart, 55c; postpaid.

### **'Plant's' Earliest Dwarf (TOM THUMB)**

Grows only 10 to 12 inches in height. Very early and prolific. Peas are smooth, white, and smaller than "Plant's" Extra Early.

Pint, 35c; quart, 55c; postpaid.

### **Blue Beauty (Blue Tom Thumb)**

This is a blue, round pea, which is nearly as early as the famous American Wonder, but far more productive and a sure cropper; the uniform height of its growth is 20 inches; so regular is its appearance when growing in rows that it resembles a miniature hedge. The pods are of medium size and well filled, and for quality and flavor cannot be surpassed.

Pint, 25c; quart, 45c; postpaid.

### **Blue Peter**

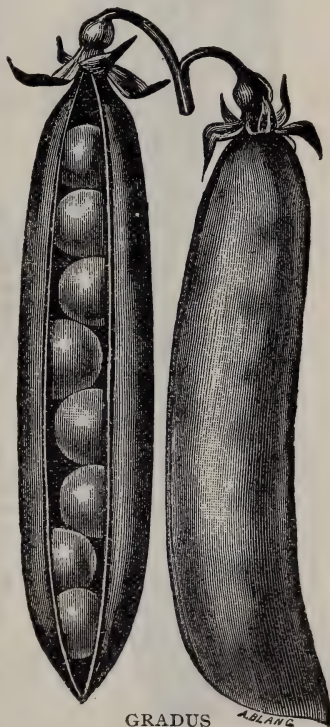
Has well-filled pods; of exquisite flavor; 1 foot in height.

Pint, 25c; quart, 45c; postpaid.

**Philadelphia Extra Early, Maud S., Rural New Yorker, Dan O'Rourke and Early May, or Frame,** are nearly identical. They are all strains of the first early white peas similar to **First and Best.**

Each variety,

Pint, 25c; quart, 45c; postpaid.



GRADUS

A. BLANC

AN IMPROVED "Gradus"

The

**Thos. Laxton**

PEA

See

Yellow Specialty Pages

Peas—Continued

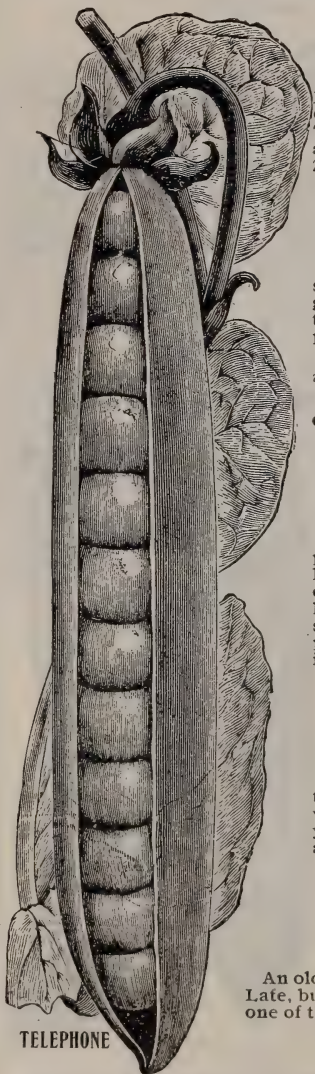
# For Second Early and Main Crop

## TELEPHONE ENORMOUS PODS—LARGE PEAS—DELICIOUS FLAVOR

(Illustrated)

A fine wrinkled pea, growing about 4 feet in height. Very robust in habit of growth, and a great bearer. Of delicious flavor and an excellent table variety. Has steadily gained in popularity with market gardeners, which is an evidence of its sterling merits.

Pint, 25c; quart, 45c; postpaid.



### 'Plant's' Second Early

Ripens about two weeks later than our "Plant's" Extra Early; resembles in habit of growth Little Gem, but one-third longer and about ten days later. The pods, of medium size, are numerous and literally packed with peas of a delicious flavor. Height, 2 feet.

Pint, 35c; quart, 65c; postpaid.

### Improved Stratagem

No variety, unless it be some of the edible-pod sorts, exceeds in size of pod our Improved Stratagem—pods 5 inches long are frequently found, and ten peas to a pod is not unusual. Quality very good; productive; height, 2 feet.

*Our stock has been so improved and selected that it is now true to type.*

A favorite with market gardeners, and certainly a very profitable variety to grow.

Pint, 25c; quart, 45c; postpaid.

### Pride of the Market

They require no sticks, and are quite unequaled in productiveness. They have a robust, free-branching habit; 18 to 20 inches high. They are such heavy croppers that we know of no peas from which so large a bulk of produce can be obtained from a given space. Pods are large in size and handsome in appearance; the peas are of so splendid a quality that it would be difficult to overpraise them.

Pint, 25c; quart, 45c; postpaid.

### Horsford's Market Garden

A grand wrinkled variety, coming in between Little Gem and Advancer. The vines are 2 feet high, very regular in growth. It is a prolific bearer, and yields abundantly. Pods medium size, numerous, and filled with peas of a delicious, sweet flavor.

Pint, 25c; quart, 45c; postpaid.

### Champion of England

An old standard wrinkled variety; grows 4 to 5 feet high. Late, but very productive, and universally admitted to be one of the richest and best-flavored peas.

Pint, 25c; quart, 45c; postpaid.

### Other Varieties (Too well known to need detailed description)

	Postpaid—Pint	Qt.
Advancer (wrinkled). Long pods, well-filled; 2½ feet in height	\$0 25	\$0 45
Everbearing (wrinkled). Well named; fine, large peas; height, 28 in	25	45
Shropshire Hero (wrinkled). Very productive; fine flavor; height, 2½ ft.	25	45
Improved Sugar Marrow. See description in Yellow Specialty Pages,	20	35
White Marrowfat. An old favorite; height, 5 feet	20	30
Black-Eyed Marrowfat. Similar to White Marrowfat, except black eye,	20	30
Dwarf Gray Sugar. Very early and prolific; height, 2 feet	35	65
Tall Melting Sugar. Pods are cooked the same as wax beans	35	65

**Large Packets of Peas, any variety, 10c, postpaid**

# BEANS, PEAS AND CORN

**These Prices DO NOT Include Postage**

Special Prices will be quoted by letter for any varieties not quoted below.

## BEANS

### Dwarf, Green-Podded

	Pint	Qt.	Peck	Bu.
EARLY MOHAWK.....	\$0 15	\$0 30	\$1 25	\$4 50
LONG YELLOW SIX WEEKS.....	15	30	1 25	4 50
EXTRA EARLY REFUGEE.....	15	30	1 25	4 50
EXTRA EARLY RED VALENTINE.....	15	30	1 25	4 50
STRINGLESS GREEN POD.....	15	30	1 25	4 70
GIANT STRINGLESS GREEN POD.....	15	30	1 25	4 70
REFUGEE, or THOUSAND TO ONE.....	15	30	1 25	4 50
BEST OF ALL.....	20	35	1 50	5 00
ROUND YELLOW SIX WEEKS.....	15	30	1 25	4 70

### Dwarf, Wax-Podded

IMPROVED GOLDEN WAX.....	20	30	1 50	5 00
PROLIFIC GERMAN BLACK WAX.....	20	35	1 75	6 00
PENCIL POD BLACK WAX.....	20	35	1 75	6 00
CURRIE'S RUST-PROOF WAX.....	20	30	1 50	5 00
WARDWELL'S KIDNEY WAX.....	20	35	1 80	6 50
DAVIS' WAX.....	20	35	1 60	6 00
SCARLET FLAGEOLET WAX.....	20	30	1 50	5 00

### Dwarf Limas

HENDERSON'S.....	20	35	2 00	---
BURPEE'S.....	25	40	2 00	---

### Pole Beans

DUTCH CASEKNIFE.....	20	35	1 75	5 80
HORTICULTURAL (CRANBERRY).....	20	35	1 75	5 80
RED SPECKLED CUT-SHORT CORNHILL.....	25	40	1 80	6 50
WHITE CREASEBACK.....	25	40	2 00	---
MISSOURI WHITE CORNFIELD.....	25	40	2 15	---
SOUTHERN PROLIFIC.....	25	40	1 60	5 80
KENTUCKY WONDER.....	25	40	2 00	6 50
GOLDEN CLUSTER WAX.....	25	40	2 00	---
LARGE WHITE LIMA.....	25	40	1 75	6 60

## SWEET CORN

EARLY WHITE CORY.....	15	25	1 00	3 50
MAMMOTH WHITE CORY.....	15	25	1 10	3 50
KENDEL EARLY GIANT.....	15	25	1 10	3 50
SHAKER EARLY.....	15	25	1 00	3 50
CROSBY EARLY.....	15	25	1 00	3 50
MINNESOTA EARLY.....	15	25	1 00	3 50
ST. LOUIS MARKET.....	15	25	1 50	4 00
MAMMOTH EARLY.....	15	25	1 00	3 50
ADAMS' EARLY.....	15	25	1 00	3 50
EARLY CHAMPION.....	15	25	1 25	3 50
COUNTRY GENTLEMAN.....	15	25	1 00	3 50
STOWELL'S EVERGREEN.....	15	25	1 00	3 50
MAMMOTH LATE.....	15	25	1 00	3 50

## PEAS

PLANT'S EXTRA EARLY.....	15	30	1 75	6 25
ALASKA.....	15	30	1 75	6 25
ECLIPSE.....	20	35	2 00	---
FIRST AND BEST.....	15	30	1 75	6 25
PHILADELPHIA EXTRA EARLY.....	15	30	1 75	6 25
PLANT'S EARLIEST DWARF (TOM THUMB).....	20	40	1 80	---
BLUE BEAUTY (BLUE TOM THUMB).....	20	35	1 60	---
PLANT'S SECOND EARLY.....	20	35	1 80	6 50
IMPROVED STRATAGEM.....	20	35	1 70	6 50
PRIDE OF THE MARKET.....	20	35	1 70	6 50
TELEPHONE.....	20	35	1 70	6 50
HORSFORD'S MARKET GARDEN.....	20	35	1 70	6 50
ADVANCER.....	20	35	1 70	6 50
EVERBEARING.....	20	35	1 70	6 50
CHAMPION OF ENGLAND.....	15	30	1 50	5 50
IMPROVED SUGAR MARROW.....	15	25	90	3 25
WHITE MARROWFAT.....	15	25	90	3 00
BLACK-EYED MARROWFAT.....	15	25	90	3 00

One-half Peck at the Peck Rate, and One-half Bushel at the Bushel Rate

# SWEET CORN

**CULTURE.**—Sweet Corn is more tender than Field Corn, and the shriveled grains are more apt to rot in cold, wet weather; hence, the first planting should not be made until the trees are well out in leaf. Plant in rows three to four feet apart and five or six grains in a hill, two to three feet apart in the row. When well started thin out to the two best plants in a hill, or it may be planted in continuous rows, having single plants stand one foot apart in the row. Make fresh sowings every two or three weeks until August 1st for succession. Hoe and cultivate frequently, keeping the soil loose and fine.

Other information on pages 33 and 64.

Cultural directions also printed on our *Seed Packets*.

**Large Packet** *Any Variety of Sweet Corn, 5c*

## Earliest Varieties

### Mammoth White Cory (Illustrated)

**A Fine, Large-Eared Extra Early Sort**

Claimed by the originator to be the largest and best first early sweet corn. Stalks are of the same size as the Early White Cory, but have larger ears, and every stalk has two, and sometimes three, twelve-rowed, handsome ears. Of remarkably good table quality for such an early sort.

### Early White Cory

**The Best FIRST EARLY Variety**

Ears eight-rowed; medium size white cob; kernels large, white; very tender and sweet. It is not only the best earliest variety, but is valuable to plant for late summer and autumn use. Excellent for early market, for which purpose it has attained wide popularity.

### Shaker Early

**A Favorite for Market**

Fit for use about as soon as Early Minnesota, with ears much larger; two to the stalk; well filled with fourteen rows of broad, flat grains of excellent sweet flavor.

## Second Early Varieties

### Adams Early

An early market variety, similar to Extra Early Adams; larger, but not so early. Used for the table, particularly in the South.

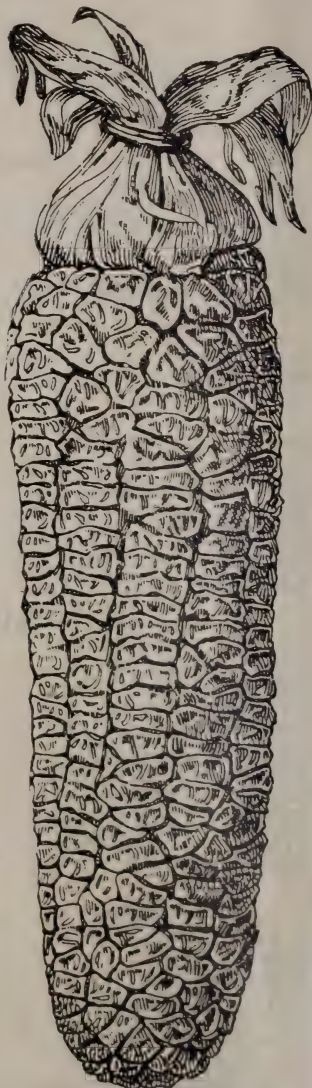
### Early Champion

Large-eared variety that is only a few days later than small extra early; as early as Crosby's and often larger than the old Concord; twelve-rowed; plump, deep kernels; quality and flavor surpassingly fine and sweet; very productive; valuable both for home use and for market.

### Stowell's Evergreen

**The Favorite Late Sort**

Much used by market gardeners and canners. Large stalks with two fine, large ears; grains of good size, slender and long, tender and sugary. Retains its good eating qualities for a long time after being marketed. A most meritorious variety to plant anywhere.



MAMMOTH WHITE CORY

**PRICE** *ANY VARIETY*

**PINT, 15c**

**QUART, 25c**

**POSTPAID**

**LIBERAL DISCOUNT**

On Packets and Ounces  
offered on

.....PAGE 7.....

Sweet Corn—Continued



The Sweetest and Most Tender Variety

Produces three to four good ears to the stalk; they average eight to nine inches in length and have a small cob. The pearly white kernels of great depth fill the ear from end to end. A fine productive sort for main crop.

Also called Improved Shoe Peg

Pint, 15c; quart, 25c. Postpaid.

Other Varieties

	Pint	Quart	
Burlington Hybrid.....(Crop failed)-----			} Postpaid.
Perry's Hybrid.....	15c	25c	
Large, 12-rowed, red cob, second early.			
Bonanza.....(Crop failed)-----			
Large ears; exceedingly prolific; excellent table sort.			
Mammoth Early.....	15	30	} Postpaid.
Large, full kernels. Popular for canning.			
Black Mexican.....	15	30	
Very desirable for family use.			
Mammoth Late.....	15	30	
Later and larger than Stowell's Evergreen.			

**Kendel Early Giant and St. Louis Market**—Two of the Best Varieties of Late Introduction

SEE YELLOW SPECIALTY PAGES

PACKETS, Any Variety SWEET CORN, 10c, Postpaid



STANDARD BOOKS

Prices Include Postage

FOR FARM AND GARDEN

Books marked with \* are paper-bound, all others are cloth.

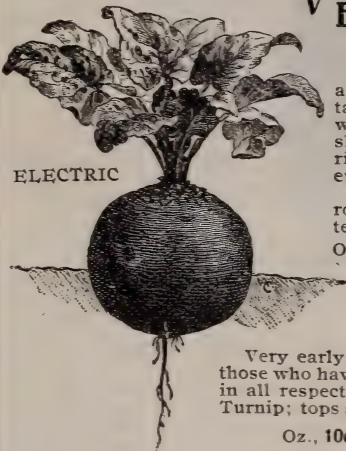
AGRICULTURE, THE PRINCIPLES OF— Prof. L. H. Bailey.....	\$1 25	MUSHROOMS—HOW TO GROW THEM— Wm. Falconer.....	\$1 00
ASPARAGUS CULTURE—Barnes and Robinson.....	50	*MANURES—HOW TO MAKE AND HOW TO USE THEM—Frank W. Sem- pers.....	40
BROOM-CORN AND BROOMS.....	50	*ONION CULTURE, THE NEW—Greiner, .....	50
*CABBAGES, ON—Gregory.....	30	*ONIONS—HOW TO RAISE THEM.....	20
*CELERY FOR PROFIT—T. Greiner.....	20	*PEANUT PLANT—B. W. Jones.....	50
*FERTILIZERS, ON—Gregory.....	40	POTATO CULTURE, SWEET—Fritz.....	60
FORAGE CROPS—Thos. Shaw.....	1 00	*POTATO CULTURE, A B C OF—Terry, .....	35
FORCING BOOK, THE—Prof. L. H. Bailey.....	1 00	*POULTRY RAISING—500 QUESTIONS AND ANSWERS.....	25
GARDENING FOR PLEASURE—New and enlarged, Peter Henderson, .....	1 50	PROFITS IN POULTRY.....	1 00
GARDENING FOR PROFIT—New and enlarged, Peter Henderson.....	1 50	RHUBARB CULTURE—Fred S. Thomp- son.....	50
GARDEN-MAKING—Prof. L. H. Bailey, .....	1 00	*STRAWBERRY, THE A B C OF THE— Terry and Root.....	25
GINSENG—Maurice G. Kains.....	35	*TOBACCO CULTURE—New and re- vised.....	25
*GINSENG, ALL ABOUT—P. S. Co.....	06	*TOMATO CULTURE—Day, Cummins and Root.....	35
HOW TO MAKE THE GARDEN PAY— Greiner.....	2 00	TRUCK FARMING AT THE SOUTH—By Dr. A. Oemler.....	1 00
HORTICULTURISTS' RULE BOOK— Bailey.....	75	VEGETABLE GROWING IN THE SOUTH FOR NORTHERN MARKETS—Prof. P. H., M. S. Rolfs.....	1 25
IRRIGATION FARMING—Lute Wil- cox.....	1 50	THE YOUNG MARKET GARDENER.....	50
IRRIGATION FOR THE FARM, GARDEN AND ORCHARD—Henry Stewart.....	1 00		
MUSHROOM CULTURE—W. Robinson, .....	50		

Full descriptions of the above books will be sent upon application

# BEETS *Per Packet, 5c, postpaid*

**CULTURE.**—The best results are attained on a deep, rich, sandy loam. If wanted very early, sow in hotbeds and transplant, cutting off the outer leaves; or, for general crop, sow as soon as the ground will permit in drills of 18 inches apart, and thin out to 3 inches in a row. For winter use, the turnip varieties may be sown in June. If possible, always sow in freshly prepared soil, which should be pressed firmly over the seed.

For *Quantity of Seed to Sow* and *Time to Sow*, see pages 33 and 64. Brief cultural directions are also printed on our seed packets.



ELECTRIC

✓ **Electric** Combines more good qualities than any other round variety (Illustrated)

In shape almost like an orange; leaves small and set very close to the center of the bulb. The tap root also is small starting clear from the bulb without taper. Color crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value.

The Electric is extremely early in making fine roots ready for table use, and the flesh, of delicate texture, is rich, sugary and free from fiber.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 85c; postpaid.

✓ **Egyptian**

Very early; of dark blood color. A standard variety, and those who have a preference for it will find our strain first-class in all respects. From 10 to 12 days earlier than Early Blood Turnip; tops are small.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

## Eclipse A VERY FINE TABLE BEET

Matures very early, and is an excellent sort to grow for either the market or the home garden. Bright glossy red; fine grained.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 85c; postpaid.

✓ **Lentz (Mitchell's Perfected)**

(Illustrated)

A profitable market gardener's beet

Lentz was originated by a prominent market gardener of that name in Philadelphia, where it is one of the most popular and salable sorts, and very large quantities of it are grown. For several years it has been grown in other places, and has found ready sale wherever offered.

It is of very rapid growth; forms marketable roots in six weeks from time of sowing; exceedingly sweet and of delicious flavor, retaining its bright blood color when cooked. A desirable variety for planting in July and August. It is a little later than Egyptian, but is larger and better. Keeps well and is productive.



LENTZ

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 80c; postpaid.



Long Smooth Blood

Plant this variety if you want a good late one. Of large size, and is excellent for winter use; in fact, it can be kept until the next spring.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.



Beets—Continued



✓ Crosby's Egyptian

A most excellent variety

Has been selected from the original Egyptian, and so improved in shape, size, appearance and quality that it is now an entirely distinct variety. The roots, of deep blood color and of very fine quality, are of full, round shape, with small neck and tops. Being very early and of such perfect shape, it is a favorite with market gardeners.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 85c; postpaid.

✓ Bassano

Flesh white and rose; very tender, sweet and juicy.

It deserves to be planted in more home gardens than it is.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c; postpaid.

✓ Edmands

One of the most uniform of all turnip beets; small top and single tap root. Handsome round shape and deep blood color.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

✓ Swiss Chard (Sea Kale)

The mid-rib is stewed like asparagus, the other portion of the leaf being used as a spinach.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c; postpaid.

✓ Early Blood Turnip

The old standard sort; tender and sweet; keeps well. Flatter than P. S. Co.'s Improved, but not so early.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

✓ Dewings

A blood-red turnip variety. Grows to a large size. A good variety for fall and winter use. Keeps well.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

✓ Detroit Dark Red

Oval in form; smooth skin; leaves small and erect; a most excellent sort.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c; postpaid.

MANGELS AND SUGAR BEETS

CULTURE.—As all Mangels and Sugar Beets require a deep soil in order to grow well, plow and subsoil at least 1 foot to 18 inches and apply plenty of rich stable manure or P. S. Co.'s Universal Fertilizer at the rate of 600 to 800 pounds to the acre. Sow in April to June, in rows 18 inches to 2 feet apart, and thin to 18 inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop.

We sell 5 lbs. or more at 20c per lb., buyer paying transportation charges.

Mangels for Stock

✓ Mammoth Long Red

Enormous size and very productive.

Oz., 10c; ¼ lb., 15c; lb., 45c; postpaid.

✓ Golden Tankard

Contains less water and more sugar than any other mangel. A special feature is the rich, deep yellow color of the flesh, nutritious and milk-producing qualities. Is very hardy and productive; grows two-thirds above ground and can be dug very easily.

Oz., 10c; ¼ lb., 15c; lb., 45c; postpaid.

Sugar Beet

FOR STOCK

NOTE.—A more extensive planting of the Sugar Beet would certainly prove of great benefit to American agriculture. The use of a proportion of foods of the digestive qualities of beet, turnip, squash, etc., is essential to the most profitable feeding of either fattening or growing stock, and on the majority of our farms such food can be most practically and profitably produced in Sugar Beets.

✓ Vilmorin's Improved

A greatly improved variety of the Common White; very valuable as a sugar-producing beet.

Oz., 10c; ¼ lb., 15c; lb., 45c; postpaid.

## PACKETS

Having adopted 5c as the uniform price for all packets of Vegetable Seeds, on the following pages, we do not state the price after each variety unless it is more than 5c.



## ASPARAGUS

Send two-cent stamp for our circular, "**Asparagus Culture**"—tells of a successful, practical method.

Sent free with orders for asparagus roots, if requested. Asparagus Roots, page 85.

### Conovers

The old standard variety; very productive; good quality. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 90c; postpaid.

### Palmetto

Earlier and better yielder than Conovers. Very even and regular in its growth. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 90c; postpaid.

### Columbian Mammoth White

A magnificent variety. Furnishes white shoots which stay white as long as fit for use without earthing up or any other artificial blanching, and it can be absolutely depended on to give 80 per cent white plants from seed.

Oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1b., \$1.00; postpaid.

## ARTICHOKE

### Green Globe

This is distinct from the Jerusalem Artichoke, which is generally grown for pickling and fattening pigs. The edible portion of this is the unopened flower bud. It is highly esteemed when prepared for the table. Directions for cooking can be found in most all standard "cook books." See also page 85.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c.



## BROCCOLI

### Early White

Similar to cauliflower, but is more hardy; it will do well in cold, moist sections, but is of no value in warm, dry climates. It is inferior in quality to cauliflower; should be cultivated in the same manner.

Oz., 30c; 2 oz., 55c; ¼ lb., \$1.00.

## BRUSSELS SPROUTS

This is a most delicious and delicate vegetable. It is not hard to grow, and it should be grown by everyone who has a home garden.

The edible part of the plant consists of the little sprouts or miniature heads which form along the stalk as shown in the illustration. They may be boiled like cabbage or cooked in cream, the same as cauliflower. It is the most delicately flavored vegetable of the cabbage family. Give it the same soil and cultivation that you would cabbage.

### Roseberry

The well-known standard sort. Oz., 20c; 2 oz., 35c; ¼ lb., 60c.

### Cordon

#### Large Spanish

A perennial plant, grown for its midribs, which are used for salads, soups, etc. Tie up the leaves closely in autumn and blanch with earth, like celery.

Oz., 30c.

### Chicory

#### Large Rooted, or Coffee

Leaves are used as a salad; the roots, when dried, as a substitute for coffee.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c.



## CORN SALAD (Velticost or Lamb's Lettuce)

### Large-Leaved

The best variety cultivated. The proper time for sowing is in the fall, but sown early in the spring, in rows 9 to 12 inches apart, it is fit for use in from 6 to 8 weeks. Cover with straw or hay to protect through the winter. 1 ounce of seed to fifteen square feet.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

# CABBAGE

**CULTURE**—Soil should be deep, rich, mellow, highly manured, and in good cultivation, for best results. In transplanting, set plants in ground up to first leaf. Hoe frequently and deeply.

**Early Varieties**—Sow in hotbed, or box in the house, early in February; transplant to open ground in April, leaving 18 inches between each plant, and two or three feet between rows.

**Late Varieties**—Sow in May or June and transplant when well rooted to rows three feet apart, and 2 to 2½ feet between plants.

**Insects**—To prevent the attacks of cabbage fly on small plants, dust thoroughly with land plaster, air-slacked lime, or use wood ashes freely over the young plants. For the cabbage worm, try "Slug Shot." *One ounce of seed produces about 2,000 plants.*

## AMERICAN GROWN

EARLY

JERSEY

WAKEFIELD

"Plant's"

Select

Strain



**The Earliest and Best Extra Early Hard-Heading Cabbage in the World. It is the standard early market variety, and always produces good, solid heads.**

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25; postpaid.

There is a wide difference in cabbage seed, and there is not a vegetable that is more difficult to keep true to the desired type. You can buy cabbage seed at almost any price in a few days' time, but it takes almost a year to ascertain the actual value of that seed—it is like a horse or any animal; it takes an experienced and capable breeder to know the many points of merit that constitute a "thoroughbred" and how to obtain them, and the buyer cannot always tell until later whether he has got what he *wanted* or not, because there are unscrupulous dealers in all trades. It is just so in cabbage seed. There are many points to be considered in selecting and producing the true type. If a grower knows what they are, and how to produce them, he can conscientiously offer his seed and get the price of thoroughbred stock—not mongrel stock that is often sold by men who do not even know the true type more than what they have learned from pictures and descriptions in books; and there are also others who do know the type, yet, to induce sales, make preposterous claims for their inferior strain. Further than this, the true stock of many varieties of cabbage can be grown in countries that give a larger yield of seed than Long Island does, and consequently prices can be made much lower, but these countries *do not* produce seed that will give as profitable a crop of cabbage as can be obtained from the other seed. The more developed and better the stock the smaller is the yield of seed.

All market gardeners can appreciate the truth of these statements, and in comparing prices we wish that you would bear these facts in mind.

## Collards

### Georgia (Southern Cabbage Greens)

A species of cabbage; hardy, vigorous and continuous grower. Forms a large mass of leaves; they are improved by a touch of frost. A favorite dish in the South, where it's often the only form of cabbage they have.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c; lb., \$2.50.

## Lovers of Cabbage

May have it served throughout the winter if the heads be carefully stored. Select a dry and sheltered part of the garden and bury the heads, roots downward. The roots must not be removed because the food stored in them continues to support the heads.

When the heads are taken up for use, the outer leaves will be found to have spoiled. Pull them off and wash it and you will find the head not seriously harmed.

*If You Grow  
Early Cabbage  
For Market*

*You cannot afford to  
neglect making a  
large trial planting of*

*Early Spring  
Cabbage*

**See Yellow Pages**

# EXTRA EARLY VARIETIES

## Earliest of All



Early Winnigstadt

It is true that it is the earliest of all, but we advise all who can to sow Early Jersey Wakefield, which is but a few days later and far superior in every respect.

Oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.50.

## Charleston Large Wakefield Oblong Head

Heads are larger and not so pointed as the early strain; an excellent market variety. This is the largest early cabbage, and only a few days later than Early Jersey Wakefield.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.50.



Early Summer

## Early Summer

The earliest large hard-heading variety

Large, flat or slightly rounded heads. Stands longer without bursting than most early sorts.

Valuable for both market and family.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., \$2.50.



All Seasons

## Early Flat Dutch

An old sort, but highly popular. An excellent second early, producing fine, large, solid heads, of uniform shape, and always making a handsome appearance. Dwarf growth.

It succeeds everywhere, but seems particularly suited to the South, as it has strong heat-resisting qualities.

Oz., 25c; 2 oz., 40c; ¼ lb., 75c; lb., \$2.50.

## All-Head Early

A thoroughbred sort, on account of its remarkably uniform size and shape, and its reliability for heading. The deep, flat heads are solid and uniform in color, as well as in shape and size. The main feature of a good cabbage is *tenderness*, and in this respect it is unsurpassed.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.40.



Sure Head

## Early Drumhead

Round, flat heads, large size. Very desirable sort for the private garden, to succeed the earlier sorts.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., \$2.50.

## SECOND EARLY AND SUMMER SORTS



Succession

## Early Large York

A large heading selection of the old and well-known Early York—a heart-shaped English sort.

Oz., 15c; 2 oz., 25c; ¼ lb., 45c; lb., \$1.75.

## Early Winnigstadt

A favorite variety with the Germans. Produces very hard, pointed head. A good shipper.

Oz., 15c; 2 oz., 25c; ¼ lb., 75c; lb., \$1.75.

## All Seasons

As its name indicates, it can be planted at all seasons, and makes both a splendid early and late variety. Forms a fine, large, hard head of superior quality, and does not easily burst.

Grows from a third to half again as large a head as Early Summer.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25.

## Sure Head

A popular strain of the flat Dutch type. Heads are large, round, flat on top, very hard, and fine in texture. Aply named, as it is always a "sure header."

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25.

## Succession

Early, maturing a little later than Early Summer, and is twice its size. Although this variety will be largely grown to come in for midsummer use, it will also be valuable as a fall or winter variety, as its firm, solid head makes it an excellent keeper.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.25.

## Improved Brunswick

True short-stemmed strain.—Forms a hard, flat, solid head under circumstances where most sorts would fail. Good both for early and late planting; a good keeper and shipper.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; lb., \$2.50.

ALL CABBAGE SEED AT THESE PRICES IS POSTPAID.

*St. Louis Late Market  
Early Spring*

# LATE CABBAGE

**A CABBAGE THAT HEADS WHEN OTHERS FAIL! P. S. Co.'s St. Louis Late Market**

Two of the yellow pages in front part of this book are devoted to this wonderful variety.

**CAUTION**—To secure our genuine seed, grown from the original stock furnished by us nine years ago, when we first offered the seed to our customers, be sure that our seal is on every package, whether it is a packet, ounce, ¼ pound or pound.

The great demand for the seed requires us to protect ourselves in this manner. Seed offered in any other way is not the product of our original and genuine stock.

## P. S. Co.'s Superior Late Flat Dutch



In the latitude of Missouri, and farther north, and in dry, "trying" climates, as is found in some sections of Kansas, no variety can equal the St. Louis Late Market. For Texas and most of the Southern States P. S. Co.'s Superior Premium Late Flat Dutch has, up to the present time, proven to be far superior in all respects to any other variety.

By continued care and at great expense we have so improved this great STANDARD LATE CABBAGE that ours is the best strain of it obtainable.

Oz., 30c; 2 oz., 50c; ¼ lb., 75c; 1b., \$2.50.

### Premium Late Flat Dutch

A standard main crop variety. Matures rather earlier in the fall than most late sorts, and for that reason not so well adapted for winter use as the others.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1b., \$2.00.

### Large Late Drumhead

Another standard winter variety, largely grown for main crop. Large, solid heads; always reliable as a header; of good quality.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1b., \$2.25.

### Danish Ball-Head (Hollander)

The greatest value in this variety lies in its hard-heading qualities, which makes it absolutely the best shipper and keeper of any variety. The weight of a head trimmed for market is fully one-fourth more than that of any other of the same size.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1b., \$2.50.

## SAVOY, OR CURLED, CABBAGE

### Early Dwarf Ulm

Earliest and sweetest. Round, solid heads.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; 1b., \$3.25.

### Perfection

Late; probably the best to grow for market.

Oz., 30c; 2 oz., 50c; ¼ lb., 75c; 1b., \$2.50.

## RED CABBAGE

### Red Dutch Small

One of the hardiest. Used almost exclusively for pickling.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; 1b., \$3.00.

### Mammoth Rock Red

The best, largest and surest header. Very solid, and of deep, red color.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; 1b., \$3.00.

### Early Dark Red Erfurt

Fine color and excellent quality.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; 1b., \$3.00.

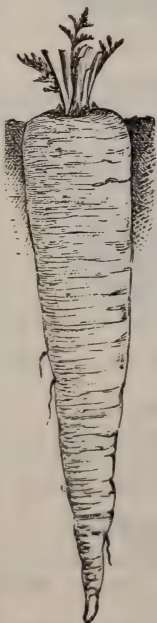
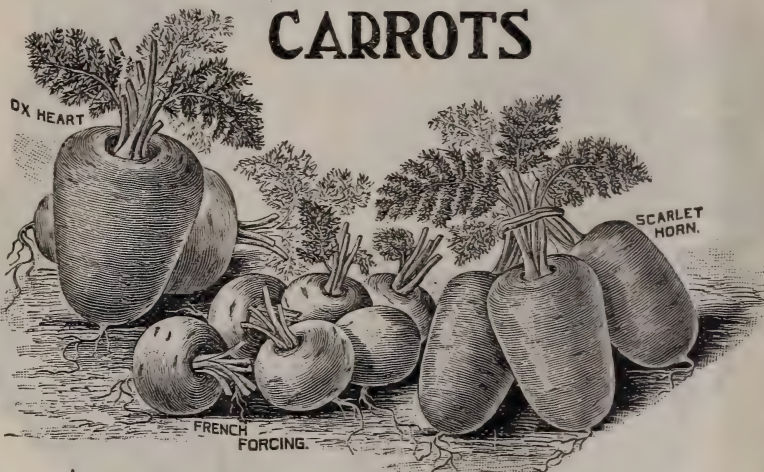
*Produce of the South*

# A "Seed Farm of Our Own"

Many merchants lay claim to growing their own seeds; maybe they do grow some of them—so do we. It is impracticable to grow them all. They must be grown where soil, climate and other conditions allow the plants full natural development. The best peas come from Canada, the best cabbage from Long Island, other things from different parts of this country and Europe. It devolves upon us to assemble for you here in St. Louis, once or twice every year, these seeds from different parts of the world.

The houses that have been longest established know where to procure the BEST seeds, and have a personal acquaintance amongst their growers. From among the innumerable number of them, few have been in business so long as we. While we do not advertise a "seed farm of our own," we grow as much of our own seeds as do some others, and they are all "TESTED" before sold.

## CARROTS



**CULTURE.**—Sow in spring soon as ground can be worked, in drills 15 inches apart. Thin out plants to 3 to 4 inches. For late crops and field culture sow till June 15th, and leave 2 or 3 feet between rows for horse cultivation. Light sandy loam is best.

See pages 33 and 41 for other information.

### These Prices INCLUDE Postage

- Early Round Forcing.** Best for forcing; tender and fine; for frames or open ground
- Early Scarlet Horn.** Very popular; very early; deep scarlet color; fine flavor
- Oxheart.** Beautiful shape; very short and thick; valuable for family use or market
- Half Long Scarlet Stump Root.** The leading variety; of excellent quality for table use
- Nantes.** Similar to Half Long S. Stump Root; of medium size; early
- Danver's Half Long.** The old standard sort; good for table use or feeding
- St. Valery (Illustrated).** A fine main crop variety; excellent keeper
- Long Orange.** Very productive; large and thick; sweet and tender
- White Vosges.** Valuable for horses and stock; very productive

PRICE, any variety,  
oz., 10c; 2 oz., 20c; 4 lb., 35c.

Carrots form a nutritious, succulent food in the winter for horses, cattle, sheep and pigs. Cows fed on carrots alternately with mangels and rutabagas, give a notably increased yield of milk. In feeding, the roots should be washed, sliced and heavily dusted with meal or bran, with a proper proportion of salt.

ST. VALERY

Large Packets, any of the above, 5c each

SPECIAL PRICE will be quoted  
on Carrot Seed in larger quantities

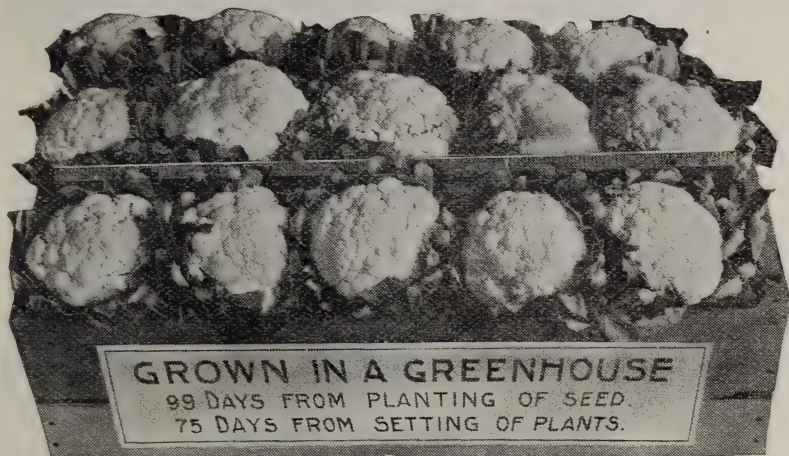


# CAULIFLOWER

**CULTURE.**—For early summer use or for late crop, sowings may be made at same time and in like manner as for the corresponding crop of cabbage. Cauliflower requires same treatment as cabbage, but, for best results, a richer soil and plentiful supply of water. An application of liquid manure is always beneficial. When heads have grown to 4 or 5 inches in diameter, draw the leaves over and pin or tie them together to protect the young white heads from sun, rain, etc. Heads will not develop under dry, hot conditions. *1 oz. seed produces about 1,500 plants. 3,000 plants will set an acre.*

See Garden Seed Table, page 33, and Seed Calendar, page 64.  
Cultural directions are also printed on our Seed Packets.

## "PLANT'S" FAVORITE



Three years ago we made several special tests of Cauliflower seed procured from different growers. One of the varieties proved to be a very much faster grower than the others, and headed up well. Last year several of our prominent gardeners used it in their greenhouses and hotbeds. Our illustration is from a photograph of the first cut last winter.

It is a close and compact plant; produces a head of medium size, with fine grain, and is pure white, and it will all head up rapidly after the first cutting is made.

To every grower of Cauliflower under glass we recommend "Plant's" Favorite, and wish that all would give it a fair trial this season.

Packet, 25c;  $\frac{1}{4}$  oz., \$1.00; oz., \$3.00.

## Earliest Dwarf Erfurt, Extra Select

The surest header and most profitable variety, and no other sort has yet surpassed it. It is the best for forcing and open ground; the earliest and finest of all varieties. Scarcely a plant fails to produce a good head. It is of dwarf habit, compact growth, short outside leaves, and can be planted 20 inches apart each way. The best for early market and family use, and can be entirely relied upon, as the seed was grown with extra care by one of the most careful growers in Erfurt, and was saved from perfectly developed plants only. A very shy seeder, on account of its compact, solid heads.

Plenty of Cauliflower seed is sold in this country as the Earliest Dwarf Erfurt variety at a low price. Beware of such seed; it cannot be genuine. Price should be of minor consideration when buying Cauliflower seed, as the best is always the cheapest.

Packet, 25c;  $\frac{1}{4}$  oz., \$1.50; oz., \$5.00.

## Early Dwarf Erfurt

Will give excellent results either in the home or market garden, and is superior to most seed sold at higher prices.

Packet, 25c;  $\frac{1}{4}$  oz., 75c; oz., \$2.50.

## Early Paris

It is used for forcing by a few gardeners, but it produces heads smaller and of poorer quality than the Erfurts, and is therefore not a very profitable sort.

Packet, 10c;  $\frac{1}{4}$  oz., 15c; oz., 50c.

## Early London

A generally good variety for main crop in open ground.

Packet, 10c;  $\frac{1}{4}$  oz., 15c; oz., 50c.

## Early Snowball

Highly esteemed by market gardeners for its earliness and reliability as a sure header; it grows on a robust stem and produces magnificent white heads of fine quality. The outer leaves are short, allowing the plants to be set closer together than most varieties, 18 to 20 inches being far enough apart. Its dwarf, compact habit of growth renders it one of the best for forcing under glass; although cultivated principally for an early crop, it does equally well for late planting.

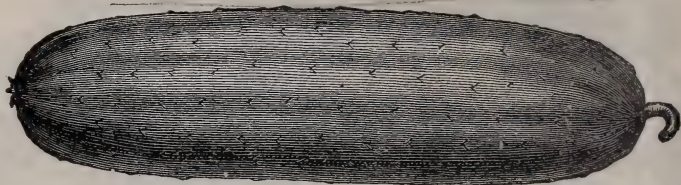
Packet, 25c;  $\frac{1}{4}$  oz., 75c; oz., \$2.50.

# CUCUMBERS

**CULTURE.**—Do not plant until warm, settled weather, unless there are ample facilities provided for protecting the plants from frost and cold. Make low, flat hills, six feet apart each way, by mixing in a quantity of well-decomposed manure. Stir in deeply, at least 15 inches; drop about a dozen or more seeds, and cover one inch, pressing the soil firmly over them. When plants are well rooted, and danger of insects, cleaning the patch out in a night" is over, thin out, leaving three plants in a hill. Pick fruit before it turns color, as vines cease bearing when seed commences to mature. Air-slacked lime sprinkled lightly on the plants often keeps away bugs.

See Garden Seed Table and Planting Calendar, pages 33 and 64.  
Brief Cultural Directions are also printed on our Seed Packets.

## Arlington Improved White Spine



Fine for Forcing or out of doors. Good for Pickles, as well as Slicing.  
A Good Seller on the Market, and a very Profitable sort to grow for Shipping. One of the Most Popular Varieties, both for Marketing and Table use.

Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, light green with a few white spines; flesh crisp and of fine flavor.

Good either for forcing or for out doors. It is extensively grown in the South for shipping to northern markets early in the season, and is one of the most profitable truckers' varieties.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b. 75c; postpaid.

## Early White Spine (Peerless)

One of the Best Sorts to Slice for the Table

Our select strain of this well-known and popular variety is unsurpassed for the table and market; it is also good for pickles. Is of good size, handsome appearance and well formed. A good bearer. Fruit 8 to 9 inches long.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 65c; postpaid.

## Extra Long White Spine (Evergreen)

For Permanency of Color this is the Best White Spine

Differs from the above variety in retaining its deep green color during all stages of growth, and being of larger size.

Its handsome appearance and good color has made it a great favorite with all growers, either for pickling or market and table use. 10 to 12 inches long.



Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

## Tailby's Hybrid

A cross between the White Spine and an English frame variety, combining the hardiness of the former with the beauty and size of the latter. An excellent forcing variety.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

## Early Green Cluster

Short and prickly; fruits are borne in clusters; very prolific.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 65c; postpaid.



BOSTON PICKLING

## Boston Pickling

Of good form and very productive. One of the best for pickling.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 65c.

## Extra Early Green Prolific

An excellent early strain of this well-known and popular pickling variety.

The fruit is uniform in shape and appearance, and its enormous productive ability makes the variety a favorite with pickle growers and commercial gardeners.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 65c; postpaid.



Cucumbers—Continued *Emerald*

**London Long Green**



One of the longest varieties here listed, but nearly as early as the shorter varieties. Fruits about twelve inches long, of good form, crisp, of good quality; very few seeds. Vigorous and productive.

One of the best for pickles when young and when ripe the best of any for sweet pickles.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c; postpaid.

*Two Cucumbers well worthy of special attention, in Yellow Specialty Pages. X*

**New Orleans Market**  
**and Emerald**

LONDON LONG GREEN

**OTHER CUCUMBERS**

	Oz.	2 oz.	¼ lb.	lb.
<b>Early Short Green, or Frame</b> .....	10c	15c	20c	65c
Shorter vine than others; fine for pickling and table use.				
<b>Jersey Pickle.</b> See yellow pages.				
<b>Extra Long Green Turkey</b> .....	10c	15c	25c	75c
About 18 inches in length, firm and crisp.				
<b>Japanese Climbing</b> .....				<b>Crop Failed.</b>
Climbs poles, trellises, etc., better than others.				
<b>Gherkin</b> .....	10c	20c	35c	---
Small, oval-shaped; for pickling.				

**FOR FORCING**

<b>English Frame</b> .....	\$1.25	---	---	---
Requires to be grown under glass. Packet, 15c.				

**Cucumbers**  
**5c Per Packet**

*Unless Otherwise Priced*

Use  
**"SLUG SHOT"**  
To kill bugs on  
Cucumber  
Vines

**CRESS**

**CULTURE.**—Sow early in spring, in shallow drills; cut often, as it will continue to grow.

**Curled—Peppergrass**

This little salad will bear cutting several times; used mixed with lettuce, its leaves impart an agreeable, warm, pungent taste.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c.

**True Water**

One of the most appetizing, delicious flavored of small salads; it does fairly well in very moist situations, but thrives best in shallow water on the edges of streams, where it grows most luxuriantly.

Oz., 30c; 2 oz., 50c; ¼ lb., 80c; lb. \$3.00.

**Our Cucumber Seed** *This season is of extra fine quality.*

*It has been grown in a section of our country that is noted for producing the finest strains of "Cukes"—as the cucumber is sometimes slanged. While it has cost more to grow this seed, we have not increased the price.*

*Kalamazoo.*

# CELERY

**"Celery for Profit"**

By T. Greiner

Postpaid, 20c

**CULTURE.**—Sow in April or May, and rake the seed in lightly; water, and shade from strong sun. Prepare trenches two to four feet apart, a foot wide and a foot deep, dig into the bottom plenty of well-rotted manure, and set the plants, when they are three or four inches high, six to eight inches apart in each trench. Keep them shaded until started, and gradually earth up as they grow. The tops and dead portions should be pinched off once or twice before transplanting, so as to have "stocky" plants; also cut off lower half of root before the plants are set out.

See pages 33 and 64. Cultural directions are also printed on our *Seed Packets*



GIANT PASCAL

## Giant Pascal

**The Largest Ribbed Variety**

The stalks are very large, thick, solid, crisp, and of a rich, nutty flavor; blanches very easily and quickly, and retains its freshness a long time after being marketed. Full golden yellow heart, very attractive.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; postpaid.

## Pink Beauty

The Pink, or Red, Celeries, in quality are particularly fine, while they are better keepers than either the yellow or white sorts. Makes a beautiful ornament for the dinner-table, heart and stems being shaded to a fine rose color.

Oz., 30c; 2 oz., 50c; ¼ lb., 80c; postpaid.

## Golden Self-Blanching

**The Best Early Celery**

All things considered, this is the finest Celery in cultivation to-day. It is certainly very popular, and in equal favor for the home garden and the market garden.

Grows about eighteen to twenty inches in height, unusually stocky and heavy; straight, vigorous stalks of beautiful appearance and delicious flavor.

The only objection that can be made to this and the White Plume is that they do not keep so well as those that must be artificially blanched. In quality they both rank with the highest, the Golden Self-Blanching having a rich, nutty flavor.

Oz., 30c; 2 oz., 50c; ¼ lb., \$1.00; postpaid.



WHITE PLUME

## White Plume

**The Best Early Celery for the Amateur to Plant**

Is earlier than Golden Self-Blanching, but is white instead of yellow, and not quite so large nor as good a keeper, but self-blanches equally as well. Both these varieties are popular with market gardeners, and there are none better for the smaller home garden.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; postpaid.

## Boston Market

Remarkable for its crisp and succulent stalks, and its mild, tender flavor.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c; postpaid.

## Golden Heart

Very fine. When blanched the heart is of a beautiful waxy, golden yellow color. Very showy and attractive. Dwarf.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c; postpaid.

## Evans' Triumph

**One of the Best Late Sorts**

Of superb quality; one of the best keepers, remaining in good condition much longer than most sorts. Late, and requires the whole season to develop, but will keep longer than any other sort. The very large, solid stalks are of finest texture and quality, crisp, brittle, tender and really nutlike in flavor.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; postpaid.



## CELERIAC—Turnip-rooted Celery

This is a favorite vegetable in Europe, and is becoming more popular every year in this country.

Cut up and cooked and served in the same manner as stewed new potatoes, with white sauce, it is very delicious. It is often cooked like turnips, then sliced and soaked in vinegar.

Cultural directions are printed on our *Seed Packets*.

## Giant Prague

This is the largest, smoothest and best variety.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c.

# DANDELION

Cultivated for spring greens and for salad, and is becoming a favorite in our markets.

## Large-Leaved

The leaves are twice the size of the common sort.

Pkt., 5c; oz., 25c; 2 oz., 45c; ¼ lb., 80c.

### IN MAKING UP YOUR ORDER

Refer to our suggestions as to varieties on page 6. They may help you.

# EGG PLANT

Packets  
5c each

**CULTURE.**—One ounce will produce about 1,000 plants. Sow in hotbeds very early in the spring, and transplant two or three feet apart, in very rich, warm ground. Hoe often, and hill up gradually till they blossom.

It takes about 4,000 plants for an acre.

## Improved New York Spineless

This is the Standard Egg Plant—the one that finds a ready sale at any time and in any market.

Although the seed is offered by others under many different names, we vouch that none of them surpass our strain as we have improved it.

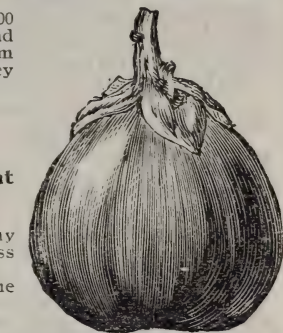
The "eggs" come very early, are of large size, of the regular oval shape, and always of fine, deep purple.

Oz., 45c; 2 oz., 75c; ¼ lb., \$1.25.

## Long Purple

Earliest and most prolific. Of good quality; dark, rich purple.

Oz., 30c; 2 oz., 50c; ¼ lb., 75c.



## Black Pekin

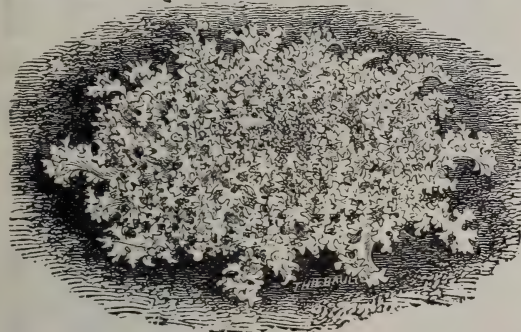
Globular; almost black skin; flesh white. Good quality.

Oz., 40c; 2 oz., 75c; ¼ lb., \$1.25.

# ENDIVE

One of the best salads for fall and winter use.

**CULTURE.**—Seed should be sown thinly in drills very early in the spring. For winter use sow about August 1st. Thin out or transplant to 12 inches apart in the row. When plants are well grown, gather the leaves closely together and tie into a loose, upright bunch, to blanch the inner portion. Tie up only as many as are needed, as they quickly rot.



Endive is very much prized in those households where the value of salads is properly appreciated. When the hearts are sufficiently blanched, the flavor is delicious, and unlike that of any other salad.

## Green Curled

Ornamental curled leaves of dark green color; blanches white and crisp.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c.

## White Curled

Leaves not so tender, but it self-blanches and is very beautiful.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c.

## Broad-Leaved Green

Forms large heads of broad, thick leaves.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c.

# VEGETABLE PLANTS

In season we can furnish strong, well-rooted plants of the following:

CAULIFLOWER

EGG PLANT

PEPPER

CABBAGE

KOHL RABI

TOMATO

CELERY

LETTUCE

Send us your name at once if you would like to receive our Special Plant Price List, and it will be mailed when issued, in April.



# HERBS



Why not start an "Herb Patch" this season?  
It will save many a doctor's bill  
And furnish seasoning for your cooking  
all the year round.



We cannot spare the space in which to give complete growing instructions for the different varieties and tell you how to use them, but we can do nothing better than refer our customers to the "April 1901" issue of the "Ladies' Home Journal," which will be mailed for the regular price of 10c. We

were greatly instructed by reading the article in this issue, telling how to grow herbs, how to use them, and what kinds to plant, and the thought came to us while reading, "If every one of our customers read this, there would be several thousand more 'herb patches' started this year."

**CULTURE.**—The soil should be light, rich and finely pulverized before sowing. Always sow in shallow drills, after which rake finely and firm the ground with a board or back of the spade.

To preserve them properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry wrap them up in paper and store them away in a dry room; or rub the leaves to a powder, pack in bottles and cork tightly, and store them away in a dry room, which will preserve them for any period.

	Pkt.	Oz.
<b>Anise</b> —Seeds aromatic and carminative-----	5c	10c
<b>Balm</b> —For balm tea or balm wine-----	5	25
<b>Basil, Sweet</b> —For highly seasoned dishes, soups, etc-----	5	25
<b>Bene</b> —Leaves good for diarrhoea; seeds, an oil for the skin-----	5	15
<b>Borage</b> —Used as a salad, also a pretty flower and food for bees-----	5	15
<b>*Catnip, or Catmint</b> —For bee pasture; leaves and shoots for seasoning-----	10	40
<b>*Caraway</b> —For flavoring bread, pastry, meats, liquors, etc-----	5	10
<b>Chervil, Curled</b> —Largely used in soups and salads-----	5	15
<b>Chervil, Turnip-Rooted</b> —The root is used in soups and salads-----	5	20
<b>Coriander</b> —For flavoring cakes, etc.; also in confectionery and liquors-----	5	15
<b>Dill</b> —For flavoring pickles and as a condiment; per lb., 75c-----	5	10
<b>*Fennel, Sweet</b> —For fish, sauce, soups and garnishing-----	5	15
<b>*Hoarhound</b> —For candy and cough remedies-----	5	35
<b>*Lavender</b> —Leaves for seasoning; dried flowers for perfuming-----	5	25
<b>Marjoram, Sweet</b> —Used like Sage and Thyme-----	5	25
<b>*Peppermint</b> -----	25	---
<b>Pimpernell</b> -----	5	25
<b>*Rosemary</b> —Hardy, aromatic evergreen shrub-----	5	35
<b>*Rue</b> —For medicinal use; good for fowls suffering from cold, etc-----	5	20
<b>*Sage, common</b> —The popular culinary herb; has medical properties-----	5	20
<b>Saffron</b> —Used in medicine, also in dyeing-----	5	15
<b>Savory, Summer</b> —Thyme-like flavor, but milder-----	5	25
<b>*Sorrel</b> —For boiling "greens" or salad-----	5	25
<b>Tarragon (Russian)</b> —Aromatic leaves; for salads, seasoning, etc-----	25	---
<b>*Thyme, Sweet</b> —For seasoning soups, etc; also tea for nervous people-----	5	35
<b>*Woodruff</b> —Fragrant leaves and stems, used for putting among clothes; in Germany to flavor the "Maitrank"-----	10	---
<b>*Wormwood</b> —Used medicinally and in liquors; a good tonic for poultry, The varieties marked with an asterisk (*) are hardy perennials.	5	40

## St. Louis World's Fair, 1903

ST. LOUIS, Oct. 16, 1901.

Office of

Missouri World's Fair Commission



To the Farmers and Fruit Growers of Missouri:

"Our Legislature has provided very liberally for a presentation of the resources and products of our great State at the coming World's Fair, and it is the intention of this Commission that our agricultural display be second to none. To accomplish this we must have the co-operation of the farmers in every county of the State, individually and collectively. We want you to help us get together the cream of the products of the field, the orchard, meadow, vineyard and garden; a collection which will demonstrate just what each county in the State is capable of producing and does produce when farmed intelligently, and an exhibit that will enhance the value of every farm in the State. We want every farmer to be on the lookout for fine wheat, fine corn, grasses, beans, and, in fact, everything produced from the soil. If you have raised something which you know will be a source of pride to your county and a credit to yourself, preserve it, and write us what you have. If conditions justify, we will try and arrange with you for its proper storage until needed, and for its display at the Fair, with proper credit to the county and the producer.

At least half a bushel of each sample of wheat, a bushel of corn, and a half bushel of potatoes, beans, etc., a good-sized bundle of the various grasses, and where practical to preserve them, a half bushel of apples, peaches, etc., should be preserved.

This has been a great wheat and fruit year for our State, and as we have but the crops of 1901 and 1902 to select from, it behooves us to preserve the best from this year's crop to guard against a crop failure next year; and we issue this appeal with the assurance that every farmer in the State will begin at once to keep his eyes open for something which will add to his State's display, and to this end we earnestly invite your co-operation.

Col. G. W. Waters, Institute Organizer of the State Board of Agriculture, has been authorized to represent the Commission at the Institutes, in the matter of bringing before those interested the necessity of prompt and vigorous action, and your co-operation with him and the Institutes will be of value.

We will be glad to hear from every farmer with any suggestion that may be of interest. Sincerely,

M. T. DAVIS, President.

B. H. BONFOY, Secretary.

# KALE ("Greens")

**CULTURE.**—The Tall and Dwarf Green Curled are sown from May to July, and then transplanted and cultivated like cabbage. The Dwarf German Greens are hardy, and for spring use are sown as late as September in drills a foot apart, and with slight protection stand the winter.

See *Garden Seed Table* and *Planting Calendar*, pages 33 and 64. Cultural directions are also printed on our Seed Packets.



## Tall Scotch

Very hardy; not injured by moderate frosts. Produces an abundance of dark green leaves, densely curled and cut. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c; postpaid.

## Dwarf German Greens

Very desirable for winter greens. Remarkably tender and delicate in flavor. Of low spreading habit and very hardy, leaves very large, cut and frilled at the edges.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c

## Dwarf Curled Erfurt

Of low, compact growth, with large, beautifully curled and lacinated leaves.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c; postpaid.

# KOHL RABI

While young the flesh is tender and delicate, possessing the combined flavor of the Cabbage and Turnip. Cultivation same as directed for cabbage, taking care to set the plants no deeper than they stood in the seed bed, and in hoeing, not to heap much earth about them. Keep the weeds down, and when the thickened stems above ground are two or three inches through they are fit to eat, and should be used at once, being tough when old. About 2,000 plants from one ounce of seed.

See *Garden Seed Table*, page 33, and *Planting Table*, page 64.

## Earliest White Erfurt

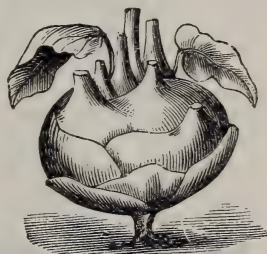
An excellent variety for forcing. It will also do well in the open ground.

Oz., 30c; 2 oz., 50c; ¼ lb., 80c.

## Early White Vienna

The earliest and best; very tender; good for forcing and open ground.

Oz., 25c; 2 oz., 40c; ¼ lb., 75c.



## Early Purple Vienna

Differs from the Early White Vienna in color only.

Oz., 30c; 2 oz., 50c; ¼ lb., 80c.

## Large White or Green

A good sort for open ground culture. Stands long without getting stringy. Not so fine as white Vienna, but more productive.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c.



# LEEK

Sow the seed and care for the young plants same as for onions. Transplant to a prepared bed in rows one foot apart and four or five inches in the row. Set the roots deep and draw the earth to them when cultivating, so that they may be well blanched by the time they are fit for use. Used mostly in soups and stews.

## Large London Flag

This is the variety generally cultivated in this country. Of strong, vigorous growth; hardy; of good quality; large, broad leaves.

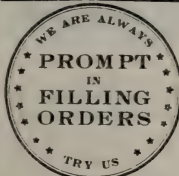
Oz., 15c; 2 oz., 25c; ¼ lb., 45c.

## Musselburgh (Scotch Champion)

A variety with distinct and dark-colored leaves; very stout in habit, and hardy.

Oz., 15c; 2 oz., 25c; ¼ lb., 45c.

**Packets, 5c each, any of the above**



"Can assure you that I am glad to get all my plants and seeds from you, as your delivery is more prompt than any firm I ever dealt with."

A. VOGELI, Nevada, Mo.

December 3, 1901.

# LETTUCE

**CULTURE.**—Lettuce wants good ground and moisture in abundance. Several sowings are required during the season. For an early crop, sow under glass in February, and transplant on a well-prepared bed in some sheltered place in April. For succession, sow in beds of well-pulverized soil in March, and at intervals of about two weeks. The Hardy Green Winter and Brown Dutch varieties may be sown in September, in a dry, sheltered situation, and if, protected by a loose covering of straw, will stand the winter well. One ounce produces about 3,000 plants.

See Garden Seed Table, page 33, and Seed Calendar, page 64.

## Grand Rapids

Especially well adapted for greenhouse culture; also good to sow outdoors early for family use.

A loose-headed Lettuce of pleasing appearance and remarkable table merit. Desirable for forcing or for open-air culture in early spring. Ornamental leaves of a yellowish green color, slightly crimped and blistered. The growth is compact, and it may be set closely, say 6x6 inches. A quick grower and a good shipper. Stands a week or more before running to seed. Free from rot, and after being cut lasts a long time without wilting. The quality is very desirable.

*NOTE.*—The illustration was made from a photograph, and shows, in comparison with the child, what a large head of Lettuce it is.

Oz., 15c; 2 oz., 25c;  
¼ lb., 40c; postpaid.



## Early Curled Simpson

STANDARD CUTTING, OR LOOSE-HEAD, VARIETY. Is earlier than the heading varieties. Most extensively sown in cold frames, but is largely grown in the open ground, especially in small home gardens. Forms a close, compact mass of curled leaves of yellowish green color. Is large and grows more compact than the old Curled Silesia.

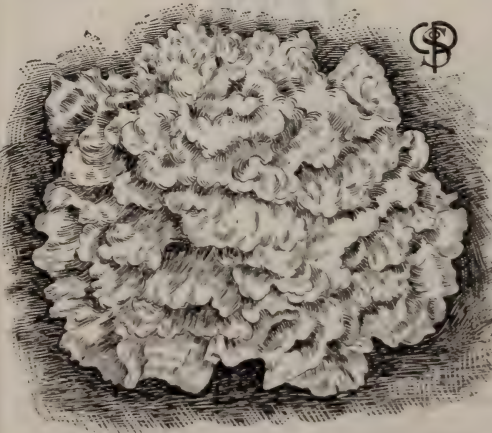
Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

## Black-Seeded Simpson

Larger and lighter in color than Early Curled Simpson. In many western cities this is the most popular and best-selling variety. Large, very thin and slightly ruffled and blistered leaves are formed into a large, loose head; light yellowish green in color. An indispensable lettuce for the market gardener.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

## Kansas City White-Seeded Forcing



KANSAS CITY WHITE-SEEDED FORCING

Very popular in the Kansas City market, and is becoming so in others.

This variety was brought to Kansas City about 37 years ago and is to-day the leading sort.

Excellent for forcing under glass, also good for open ground.

It is now planted by gardeners in many of our Western and Southern cities.

Oz., 25c; 2 oz., 40c; ¼ lb., 75c; postpaid.

## Tennis Ball (Boston Market)

A well-known forcing variety. Forms small, solid heads out-of-doors if not sown in hot weather.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

**Black-Seeded Butter** (All Year Round) Early head variety, valuable for forcing, and desirable for planting at any time. Heads of fair size, are solid and beautifully blanched.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

*Lettuce—Continued*

Do not overlook the **YELLOW PAGES** in front part of the book

**P. S. Co.'s White Cabbage (Butter)**

The standard cabbage, or head, variety, and one of the best. Tight heads of good size and excellent quality. Valuable both for forcing and outdoors.  
Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

**St. Louis Market**

As good for forcing as it is for the open ground. We cannot too highly recommend it for all purposes. Is a cabbage variety, and makes fine, large, solid heads; very slow to run to seed.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

**Prize-Head**

We recommend this only for home gardens, or to grow for the home market, where its appearance is not an objection. Makes a very large, loose head of large, crimped, bright green leaves, tinged and edged brownish red.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

**Hanson**

Makes perfect heads in midsummer. In all respects an ideal lettuce.

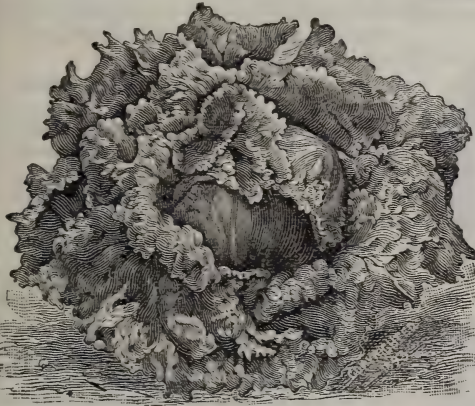
Outer leaves bright green with distinct, light-colored veins; inner leaves white and unusually curved and twisted at the base. It never fails to make large, handsome heads. Quality very fine.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

**Iceberg**

Makes a large, handsome, crisp head, conical in shape, tightly folded and well blanched; outer leaves fringed. Very highly esteemed for its beautiful appearance and mild flavor, even during our hot summer months.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.



ICEBERG

**Big Boston**

An excellent forcing variety to grow in frames during winter, and it also succeeds outdoors in the cool spring and fall months. Heads very large, solid, beautifully blanched and of superior quality. In appearance similar to the Boston Market, but double the size and is later.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.

**Buttercup**

A fine mid summer variety; is also forced under glass; heads of medium size, solid, crisp, tender, and delicate in flavor. Of a beautiful yellow color, making an exceedingly attractive appearance.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.



**OTHER VARIETIES**

	Oz.	2 oz.	¼ lb.
<b>St. Louis Black Seeded Forcing</b> —Favorite in St. Louis; forcing head variety	25c	40c	75c
<b>California Cream Butter</b> —See yellow specialty pages	15	25	40
<b>Standwell</b> —A fine, large, heat-resisting head lettuce	15	25	40
<b>Denver Market</b> —Good both for forcing and outdoors	15	25	40
<b>Passion</b> —See yellow specialty pages	15	25	40
<b>Trocadero</b> —See yellow specialty pages	15	25	40
<b>Yellow-Seeded Butter</b> —Resists summer heat well	15	25	40
<b>Oakleaf</b> —An entirely distinct variety of good quality	15	25	40

**WINTER LETTUCE**

These may be sown in September, in a dry, sheltered situation, and if protected by a loose covering of straw, will stand the winter well.

<b>Hardy Green Winter</b>	15c	25c	40c
<b>Brown Dutch Winter</b>	15	25	40

**MARKET GARDENERS AND TRUCKERS**—Please refer to our *Wholesale Catalog* before placing your orders. It will be to your advantage to do so. If not received, write for a copy. It is sent only to those who grow for market.

## MUSK MELONS

**CULTURE.**—Plant late in spring, twelve seeds in hills five or six feet apart. Thin out when all danger of insects is passed, leaving three or four plants to a hill. When the plants have four or five rough leaves, pinch off the end of the main shoot; this hastens the lateral branches and strengthens the growth of the vines, making the fruit come to maturity earlier. When the stem will pull loose from the fruit, they have arrived at maturity. Use "Slug Shot" for bugs.

See *Garden Seed Table*, page 33, and *Planting Calendar*, page 64. Cultural directions are also printed on our Seed Packets.

### EMERALD GEM



**A FINE SORT FOR THE PRIVATE GARDEN**

No other variety is uniformly of such rich flavor.

The flesh, which is thicker than in any other melon of equal size, is of a beautiful salmon color, and sweet and luscious beyond expression. Of medium size, prolific and very early. Skin smooth, of a deep emerald green color.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

### Acme (Baltimore Cantaloupe)

In some of the eastern cities this is a general favorite. Shape oblong, pointed at both ends, strongly netted; green flesh, finely flavored, productive, good shipper.

It deserves to be planted for home table use more than it is, because it is uniformly a good variety.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

### Bay View—A Fine Cantaloupe

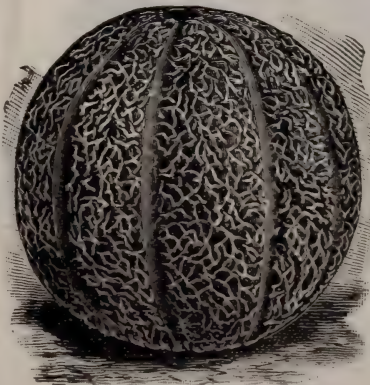
Very large; oblong in shape, with broad, heavy ribs; well netted; flesh, green and of good flavor. Similar to, but better than, the old Cassaba.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

### Champion Market

The originators of this describe it as a splendid variety of the Netted Gem type, producing fruits nearly three times as large as the original Gem. Very regular in form, nearly round. Thick light green flesh; thin rind.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.



GOLDEN NETTED GEM

### Golden Netted Gem

(Illustrated)

When introduced under this name it was considered the best musk melon in existence. It is now superseded by the Rocky Ford, with which it differs in being not so good in quality and of not such uniform good shape.

It is one of the best shippers and keeps as long as any other variety.

*Our strain is not excelled by any, notwithstanding any claims made by others.*

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

### Missouri Nutmeg

A melon of rare good quality; form globular, flattened at each end; wonderfully ribbed, with dark green cavities, ribs covered with strong netting, fitting it for shipment; flesh green; flavor excellent, foliage strong and hardy.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1b., \$1.00; postpaid.



Musk Melons—Continued

**Montreal Market**

Of immense size. Melons frequently weigh 15 pounds.

Flesh green, very thick and of good flavor; skin green, deeply ribbed and netted.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

**Nutmeg**

Shaped similar to a nutmeg; very early and very sweet. Is grown for main crop by many gardeners. Is just the size required for restaurant use. Skin dark green, covered with fine netting; flesh light green, most delicious flavor.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

**Osage**

In Chicago, particularly, this is the staple variety, outselling all others, probably excepting Rocky Ford. Flesh is salmon colored, thick and highly flavored. Slightly netted dark green skin. Size, medium; egg-shaped.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

**Princess (Perfection)**

This splendid variety is nearly round, with heavily netted, dark green skin; the flesh is of rich salmon color, and in flavor it is sweet and luscious beyond description. They ripen early and grow to good size, often weighing from 8 to 10 pounds each.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

**St. Louis Market**

This is the variety so extensively grown by the gardeners in and around St. Louis. It is the most popular sort grown for home use, and commands readier sale and higher prices than any other large variety. Flesh green and of excellent quality. A good shipper.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1b., \$1.00; postpaid.

**Rocky Ford (Improved Netted Gem, Alamo or Dewey Gem)**

The melons of this strain grown in Colorado and Arizona have become famous the world over.

No variety equals it in sweet, luscious flavor. It can successfully be shipped to any point in this country and will command a higher market price than any other. In the "swell" restaurants, and many others, it is the only variety that finds a place on the bill of fare. Shape, generally oval; slightly ribbed, densely netted. Flesh very thick, green in color, and its delicious flavor is almost beyond expression.

We have an extra select stock of seed, strictly first-class in all respects.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.



**Tip Top**

In the eastern part of our country this is considered a "tip top" melon. It deserves to be planted much more extensively in home gardens than it is. Every fruit, whether big or little, early or late, is a good one—sweet, juicy, finest flavor, firm fleshed and eatable to the very outside coating. It is also very productive.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postpaid.

**Other Varieties**

Too Well Known to Require a Lengthy Description

	Postpaid.—Oz. 2 oz. ¼ lb. 1 lb.			
<b>Banana.</b> Will grow to 2 feet long. Early, fragrant and delicious.	\$0 20	\$0 35	\$0 60	\$2 25
<b>Early Hackensack.</b> (See page 62)	10	15	25	75
<b>Early White Japan.</b> Light green flesh and white skin; good flavor	10	15	25	75
<b>Hackensack.</b> Attains a larger size and later than the Early Hackensack	10	15	25	75
<b>Jenny Lind.</b> Very fine for restaurant and hotel use	10	15	25	75
<b>Paul Rose.</b> Handsome; oval; rich orange flesh; very sweet,	10	15	25	75
<b>Vegetable Peach.</b> (Mango Melon.) Fine for preserving or pickling. Size, shape and color of an orange	15	25	---	---

**Our PACKETS OF GARDEN SEED are sold at the UNIFORM PRICE of 5c EACH. Any that cost more are priced separately.**

*Musk Melons—Continued*

**Early Hackensack**



An Early and Greatly Improved Strain of Hackensack

This valuable variety is ready for market fully a week earlier than the well-known Hackensack. Very productive; skin green and thickly netted; flesh also green in color, rich and sugary in flavor.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c.

**WATERMELONS**

**CULTURE.**—Watermelons require a rich, though rather sandy, soil for best development. Require same cultivation as musk melon, but hills should be from six to eight feet apart.

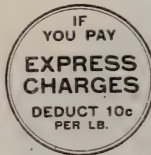
See pages 33 and 64 for other information.

**Black Diamond**

We have tried very hard the past two seasons to popularize this fine, large melon, but our customers do not "take to it" as they should. Do not be partial and cling too long to old favorites. We admit that but half the so-called "novelties" are really novel or an improvement on others, but when we KNOW that we have an IMPROVED variety, we do not hesitate to recommend it. Put at least a portion of your melon patch in Black Diamond and you will plant more of it the next season.

It is nearly round; solid; rind, black-green in color; good shipper, and of fine quality. Yields larger than any other variety of late introduction.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 70c.



**Well-Known Varieties**

	Oz.	Postpaid 2 oz.	¼ lb.	1b.
<b>Alabama Sweet and Bradford</b> ----- (See Yellow Specialty Pages.)				
<b>Black Spanish</b> ----- Dark green skin, round, early.	10c	15c	20c	70c
<b>Cuban Queen</b> ----- One of the largest in size, a good keeper.	10c	15c	20c	50c
<b>Florida Favorite</b> ----- Dark green striped, oblong, very large, earlier than Kolb, seed white.	10c	15c	20c	60c
<b>Fordhook Early</b> ----- The earliest large variety.	10c	15c	20c	60c
<b>Jumbo</b> ----- Almost round, green, faint light stripes, good shipper, seed white.	10c	15c	20c	60c
<b>Mountain Sweet</b> ----- Oval; green skin, very good for home gardens.	10c	15c	20c	55c
<b>Phinney's Early</b> ----- Sweet, tender, and of good flavor; seed white.	10c	15c	20c	55c
<b>Seminole</b> ----- Similar in form and coloring to Gray Monarch.	10c	15c	20c	60c
<b>Citron</b> ----- Used only for preserves; round, smooth, handsomely striped and marbled light green skin.	10c	20c	35c	80c

**Packets,** all varieties of Watermelons, containing one-half ounce, **5c**

*Kleckley Sweets.  
Bradford*

*Triumph*

*Watermelons—Continued*

**Melver's Wonderful Sugar** The Sweetest of All Varieties



Large and of handsome appearance; quality superior and very sweet; flesh of a soft pale pink, crisp, free from any stringiness, and juicy; has a solid "heart," free from cracks, and seeds lie close to the rind. Seeds white.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

**Cole's Extra Early** None Earlier

Small in size, but where earliness is the desideratum, nothing equals it.

Nearly round, rich green striped and mottled brighter shades. A good family melon.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

**Dark Icing Rind**

This has become exceedingly popular wherever grown; oblong in shape, rind dark green; of good size and very prolific; flesh melting and of fine flavor; white seed.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

**Kolb Gem**

For many years the staple main-crop melon. There has been more seed of this variety planted than probably any two other varieties.

Is large, intermediate, most productive, good keeper and shipper. Flesh rather coarse, but sweet in flavor.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

**Jordan's Gray Monarch**

(Long Light Icing)—Has become widely popular on account of its large size, delicious flavor and attractive appearance. Its quality is unequaled; most productive variety we have ever seen. Seed white.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

**Long Dixie**

Surpasses the Kolb Gem in shipping qualities and fully equals the Mountain Sweet in exquisite flavor—is earlier than either.

Is free from the hard core of most shipping sorts. Is larger than Kolb Gem and claimed to be a better keeper, by reason of its impenetrable rind; dark green, striped lighter.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

**Peerless**

An excellent garden melon, and one of the best for market gardeners who sell direct to consumers.

Very productive; medium size; very sweet and delicious. Oval shape; thin rind; finely mottled; flesh bright scarlet, solid to the center; tender and of the highest flavor; seeds white.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.

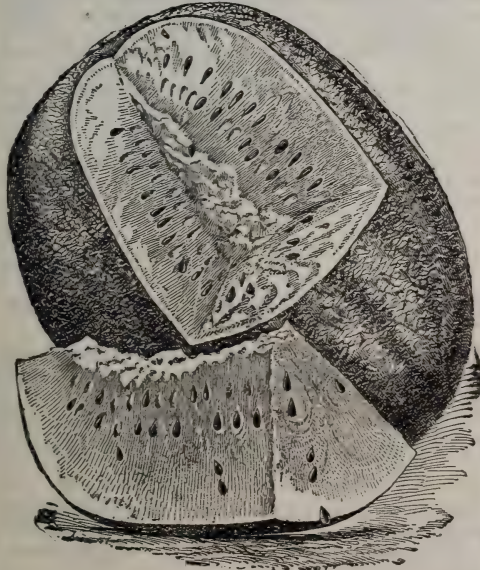
**Sweet Heart**

Ships well. Keeps well. Sells quick.

Quite early for such a large melon. Almost globular, but a little longer than thick. Skin a beautiful light, bright mottled green. Thin, but very tough rind—fitted for the roughest handling. Flesh exceedingly firm; flavor exquisitely sweet and delicious.

Just the melon to ship long distances, arrive in good condition and find ready sale.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c.



SWEET HEART

**The Finest Melon for Home Gardens**  
**"Kleckley Sweets"**

See yellow pages

## Rural Free Mail Delivery

From small beginnings this has developed rapidly in the last year or two, and the system is now of direct benefit to farmers in a considerable number of states.

It brings us into closer and quicker communication with our customers and makes it more convenient than ever to *buy your seeds by mail*.

Many localities, not now served, might avail themselves of the opportunity by applying to the Postoffice authorities at Washington.

**REMEMBER—We pay the Postage**

On Garden and Flower Seeds at prices quoted in this Catalog.

## Monthly Calendar for Seed Planters In the Latitude of St. Louis

In sections farther north or south the time will vary. By observing your local climatic conditions and season the time for planting can readily be determined.

**JANUARY—Sow in Hotbed.**—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Early Lettuce, Early Onions, Radish.

**FEBRUARY—Sow in Hotbed.**—Early Beet, Broccoli, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

**MARCH—Sow in Hotbed.**—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs.

**Sow in Open Ground.**—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onion, Parsnip, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

**APRIL—Sow in Hotbed.**—Cucumber, Egg Plant, Melon, Pepper, Tomato.

**Sow in Open Ground.**—Asparagus, Beans, Beets, Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cucumber, Cress, Endive, Kale, Kohlrabi, Leek, Lettuce, Melons, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Tomato, Turnip, Sage, Herbs, Onion Sets.

**MAY—Sow in Open Ground.**—Artichoke, Asparagus, English Beans, Pole Beans, Bush Beans, Beets, Brussel Sprouts, Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohlrabi, Leek, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Pumpkin, Radish, Rhubarb, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

**JUNE—Sow in Open Ground.**—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohlrabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Turnip, Rutabaga.

**JULY—Sow in Open Ground.**—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohlrabi, Lettuce, Okra, Early Peas, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga. *Write for our Turnip Seed Price List.*

**AUGUST—Sow in Open Ground.**—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. **PLANT** Winter Onions. *Write for our Wheat Circular.*

**SEPTEMBER—Sow in Open Ground.**—Cabbage or Cauliflower in cold frames, Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. **PLANT** Winter Onions. *Write for our Bulb Catalog.*

**OCTOBER—Sow in Open Ground.**—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. **PLANT** Hyacinth, Tulip, Narcissus and other Dutch Bulbs in open ground, or pots or glasses.

**NOVEMBER.**—**PLANT** Hyacinths, Tulips, Narcissus and other Dutch Bulbs in open ground, or pots or glasses.

**ORDER EARLY**—*in January or February—and be sure of having your seed on hand when you want them.*

During March there is always a rush of orders incident to the height of the season. Earlier orders receive better general attention, and there is less liability of delay.

### WE SATISFY YOU—SO DO OUR SEEDS

FT. SMITH, ARK., March 10, 1901.

"As to my future orders, you need not worry. I will still use Plant's seed, for they will grow, and grow what they are supposed to grow, all O. K. I am perfectly satisfied all the way through with you and your seed, and will grow them altogether from now on. Will send you a good fall order."

R. EVANS.

# MUSHROOM



**CULTURE.**—Mushrooms can be grown in any cellar, stable or shed where a temperature of 50 degrees can be kept up during the winter. Plantings are generally made during the fall and winter, but there is a demand for the spawn through all the spring months. It is very necessary to take the precaution of placing the bed where no water may drip on it.

First, take fresh horse manure and let stand in a heap for about one week in some dry place; then carefully turn it over several times at intervals, being careful at each turning to thoroughly incorporate the outside with the middle of the pile, to insure sweetness and even moisture. After this, intermix an equal amount, or less, of light, loamy soil taken from a pasture, field or from along the yard fence. Make this composition into a bed of the desired size, eight inches in depth, and pound down with a spade, leaving the surface even.

After the bed reaches a temperature of about 80 degrees, set into it small pieces of the spawn 2 inches deep and 7 inches apart. A week hence cover the entire bed with good soil to a thickness of 2 inches. Water sparingly with luke-warm water, but only when the bed is dry.

A "brick" of spawn weighs about 1 pound and is sufficient to plant 9 square feet.

For further instructions get Robinson's "Mushroom Culture," 50c, postpaid.

Best Grade English "Milltrack" Spawn, in Bricks

Price: Lb., 30c, postpaid.

Special prices will be quoted on 100 pounds or more.

The annual crop of Mushrooms in France is valued at \$2,000,000, and it is said that there are sixty wholesale firms in Paris dealing exclusively in them. In the department of the Seine there are some 3,000 caves in which Mushrooms are grown. About 300 persons are employed in their culture, and they rarely leave the caves.

# MUSTARD

For Salad or "Greens"

It needs a rich quick soil for the producing of the best foliage. Sow the seeds in drills 1 foot or more apart and thin to 6 inches in the row.

## Giant Southern Curled



About 2 feet in height, with very large dark green leaves, the edges of which are finely curled or scalloped.

A great favorite in the South, where it is planted in the fall for a spring salad, for which it is very good, and also desirable for garnishing.

Oz., 10c; 2 oz., 20c; ¼ lb., 35c; lb., \$1.00; postpaid.

## Black

More pungent than the White, and does not produce so large an amount of foliage.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c; postpaid.

## White or Yellow London

Leaves are used for salad

while young; grows rapidly. Light green; mild and tender.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c; postpaid.

# MARTYNIA FOR PICKLES

The capsules, or fruits, should be picked when young and tender, and pickled. They are very odd in shape.

Sow in May in the open ground, about 3 feet apart each way, where the plants are to remain. Martynia proboscidea (Unicorn Plant). Oz., 25c.

# NASTURTIUM (INDIAN CRESS)

The young leaves are used as a salad, the green seeds for pickling.

TALL MIXED—or—DWARF MIXED

Packet, 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; lb., \$1.00; postpaid.

# OKRA (Gumbo)

**CULTURE.**— Sow about middle of spring, in drills, and thin the plants to a foot or more apart. Cultivated for its green seed pods, which are used in soups or stews; gather while young and tender, and for winter use slice into rings and dry on strings.

See pages 33 and 64 for SEED TABLES



## Dwarf Green

The standard dwarf, short green-pod variety. Very productive.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c; postpaid.

## Perkin's Mammoth Long Pod

In productiveness this Okra is simply wonderful. Pods, of an intense green color, are of unusual length and do not get hard, as is the case with other varieties.

Is one of the best green sorts for canning for winter use.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c; postpaid.

## White Velvet

Beautiful, smooth, velvety white pods, produced in the greatest abundance.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1b., 60c; postpaid.

PACKETS, 6c EACH

# OYSTER PLANT (Salsify)

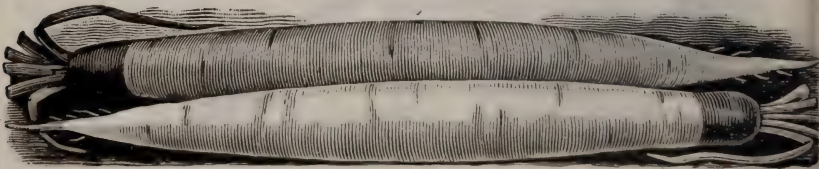
The Salsify is one of the most delicious and nutritious of vegetables, and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited.

It simulates closely the taste and flavor of the oyster, when boiled, mashed or fried in butter.

**CULTURE.**— Sow early in spring, in drills fourteen inches apart, and thin to two inches apart. Cultivate same as carrots or parsnips. Gather what may be wanted for the winter, and let the balance stand in the ground for use next spring.

## Mammoth Sandwich Island Salsify

Oz., 10c; 2 oz., 20c; ¼ lb., 35c; postpaid.



MAMMOTH SANDWICH SALSIFY

## OWES SUCCESS TO OUR SEEDS!

Springfield, Mo., Sept. 14, 1901.

"I have been planting your seed in the State of Missouri for the past fifteen years, and have found them to be just what you represent them to be—strictly reliable.


"The past summer has been very unfavorable for gardening, but notwithstanding drought, I have had good SUCCESS and I think I OWE IT TO YOUR SEED being good. I have men to come and ask me where I get my seed. They tell me they cannot account for my things growing so well. I always tell them P. S. Co. sends me good seed."

Respectfully,

JOE KNEEDLER.

IF  
YOU PAY  
EXPRESS  
CHARGES  
DEDUCT 10c  
PER LB.

# ONIONS

 **LARGE PACKETS, any variety, 5c EACH**

NOTE.—In previous catalogs we have devoted this space to cultural directions for growing large Onions and Onion Sets, and to informing our customers of the **super-excellence of OUR Black Onion Seed.**

This year we would refer you to pages 33 and 64 for quantity and time to sow, and to our Seed Packets for brief planting instructions. Those who require more complete instructions should secure one of these **TWO GOOD BOOKS:**

**"THE NEW ONION CULTURE,"** by F. Greiner, 50 CENTS

**"ONIONS—HOW TO RAISE THEM,"** 20 CENTS, Postpaid

**This letter, from such an experienced and critical planter of seed, proves our claim true:**

"I am glad to tell you that your seeds in **all cases** have given us **perfect satisfaction.** The **Onion Seed** we bought of you were the **best I ever planted,** and in the survival of the fittest may you last **another fifty years.**"

I. T. REYNOLDS,

*Pres't Angleton Hort. and Agri. Society, Texas.*

February 21st, 1901.

## Keeping Onions for Late Home Use

If some of the finest bulbs are picked out and braided into strings so that they can be hung up in a dry, cool cellar, they will keep longer and better than those placed on shelves. In hanging up the strings, be careful to hang them where they will not get bumped and banged around to bruise them, or your efforts will be practically useless.

In braiding them a good way is to take any long grain straw and form a braid as thick as one's thumb. Take the Onions by the dried tops, and place around it, binding with a hitch knot with strong twine and continuing until length of straw is filled. Tie firmly, leaving a strong loop to hang up by.

Try this with our Australian Brown Onion, and you will have fine Onions later than your neighbors.

## American Yellow Varieties Yellow Prize-Taker



In size, in yield, in mildness of flavor and keeping qualities it excels all other varieties.

It grows uniform in shape, of a nearly perfect globe, with thin skin of bright straw color. It is of **immense size**, measuring from 12 to 18 inches in circumference, while under special cultivation bulbs have been raised to weigh from 4 to 5½ pounds each. Ripens upward and fine, and presents the handsomest possible appearance. The flesh is pure white, fine grained, mild and delicate in flavor. A favorite to slice for salads.

Oz., 20c; 2-oz., 25c;  
¼-lb., 60c; 1b., \$2.00;  
postpaid.

## Yellow Flat Danvers

The earliest of the yellows. Excellent to grow yellow sets. Flesh white, fine grained, solid, a good keeper.

Oz., 15c; 2-oz., 25c; ¼ lb., 40c; 1b., \$1.25; postpaid.

## Yellow Globe Danvers

Not so perfectly globe-shaped as Large White Globe, but is one of the most popular and profitable of all Onions to grow for market. Of medium size; skin of a beautiful silver yellow color, flesh white, comparatively mild and well flavored.

Oz., 15c; 2-oz., 25c; ¼ lb., 40c; 1b., \$1.25; postpaid.

Onions—Continued

Red Varieties



EARLY RED FLAT

It is the standard Red Onion of America, and for general usefulness, it has never been equaled.

Oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1b., \$1.50; postpaid.

Large Red Globe

Differs from the Wethersfield in being almost a perfect globe, and matures later, and by its handsome appearance on the market, sells better. An excellent keeper. Requires lighter soil than Wethersfield or any of the flat Onions.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1b., \$1.25; postpaid.

Red Bermuda

Particularly adapted to the South. Bulbs grown in this country are equal in size to imported ones.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1b., \$2.00; postpaid.

Red Rocca

Very large, globe-shaped variety. Flesh very mild and sweet flavored. Produce immense Onions from seed the first year.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1b., \$2.00; postpaid.

White Varieties

Large White Globe

In appearance and quality, the finest Onion in cultivation

Perfectly globe-shaped, with pure white skin, fine grained and of excellent flavor. A good keeper. Like all globe-shaped varieties, it is later in ripening than flat sorts, but brings a higher price on market.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1b., \$2.25; postpaid.

Philadelphia Silver Skin

Makes the best white sets. It is a purer white than Portugal, and sometimes smaller in size.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1b., \$2.25; postpaid.

**White Portugal** American Silver Skin  
Highly esteemed for pickling and winter use.

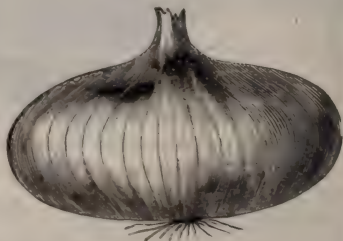
Also largely grown for sets. Of large size, handsome appearance and mild, pleasant flavor. The most desirable variety for family use.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1b., \$2.25; postpaid.

White Pearl

A fine early variety; good for sets or pickling.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1b., \$2.50; postpaid.



WHITE PORTUGAL

Try the "AUSTRALIAN BROWN." We think you will like it  
See Yellow Specialty pages

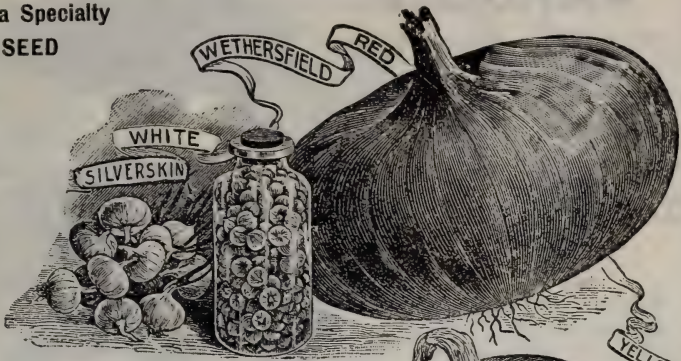


# Australian Onions.

## Onions—Continued

We Make a Specialty  
of ONION SEED

If you plant  
it in larger  
quantity  
than is  
priced here,  
write for  
Wholesale  
Prices,  
and state  
quantity  
and variety  
required



### White Italian Varieties

The Italian varieties grow to a very large size, and in some localities are extensively grown for market and garden-grown for home use. May be sown as early as February or March, and should be transplanted, after which they grow rapidly and produce a splendid crop early in the year.

The flavor of the Italian varieties is mild and they are in every way adapted to culinary purposes.

### Mammoth Silver King <sup>White</sup> Garganus

One of the Largest Onions in Cultivation

Very large, early; flat, but thick through. Tender and of very mild, sweet flavor. Matures early and is uniform in size and shape. We know of no variety of onion that has attracted more attention than this.

We recommend it for exhibition at fairs, and for the fancy market, as well as the home table.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1b., \$2.50.

### Giant White Tripoli

A beautiful, white-skinned, flat onion, of mild flavor, largely grown in the South.

Makes a quick and satisfactory growth the first season.

Oz., 30c; 2 oz., 45c; ¼ lb., \$1.00; 1b., \$3.25.



### MY STAND-BY FOR SURE CROP!!

ASHLEY, ILL.

"I have bought seed from you every year since 1877, and never had a failure as to name and quality. Your seed are my stand-by for **sure** crop."

MARGARET BAUMANN.

**ONION SETS** Will be found farther back in the Catalog, under the heading "ROOTS AND SETS."

# PARSLEY

**CULTURE.**—Sow early in the spring, after soaking the seed a few hours in warm water, in rows one foot apart. Remove some plants to light cellar to have them green through winter.

The addition of a bit of Parsley foliage, heightens the flavor of soups, fish, etc.

For garnishing, it is the most beautiful vegetable.



## Plain

Leaves are plain or single, and are very dark colored. Is more hardy than the curled.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; postpaid.



EXTRA CURLED

## Extra Curled

The plant is of a very robust and free growth and is improved by severe cutting. The leaves are large, beautifully curled and of a very dark green. It stands heat, drought and cold well, and will yield very largely. It is the best parsley for either the market or family garden.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; postpaid.

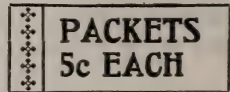
## Myatt's Garnishing—Moss or Triple Curled

Leaves are bright, pale green, and exceedingly handsome. Highly prized for garnishing and table decorations. *Same price as Extra Curled.*

## Hamburg, or Rooted Parsley

Used for flavoring soups, etc.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; postpaid.



# PARSNIPS

**CULTURE.**—Spade the soil deep and sow early in the spring in fifteen-inch drills, and thin to eight inches apart. Keep the ground free from weeds, and the surface open by frequent stirring with the hoe.

See Seed Tables, pages 33 and 64.

Parsnips are well known as a delicious table vegetable, but their value for cow and cattle feeding is little known. They are most valuable in this way, from their extreme hardness, the roots remaining in the ground all winter, if necessary, and they improve in quality by the continued freezing.

## Hollow Crown

The best and most widely cultivated variety.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; postpaid.

## WE DO NOT CATER

To the CHEAP BARGAIN-HUNTER, who sometimes thinks he is getting "Gold Dollars for Dimes."

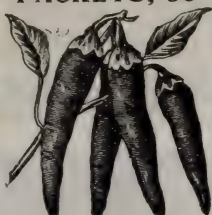
*Large Bell*

# PEPPER

PACKETS, 5c



GOLDEN DAWN



TABASCO



BELL

**CULTURE.**—One ounce will produce about 1,500 plants. Takes from 8,000 to 14,000 plants to set an acre. Sow early in hotbed, or in open ground about the middle of spring. Transplant when three inches high to one foot apart, in drills twenty inches apart, and earth up a little in hoeing, which can be continued until the plants are in full blossom.

## Bell, or Bull Nose

Early and of mild flavor; a favorite for pickling and for use in its natural state. A good bearer; much grown for both home and market use. Large, bright red; thick flesh. Of inverted bell shape.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; postpaid.

## Sweet Mountain

Larger in size and milder in flavor than Bell, or Bull Nose; otherwise closely corresponds to that variety. Color green, turning to red; very productive.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; postpaid.



MONSTROUS

## Ruby King

Large and handsome; of mild flavor. Bright, ruby red color. From 4½ to 6 inches in length, and from 9 to 12 inches in circumference. It can be sliced for salad or eaten with salt, and for stuffing or mixed pickles.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; postpaid.

## Monstrous

A large pepper of the type of Ruby King. Color green, turning to red. Often exceeds 6 inches in length by 2 inches in diameter. Flavor mild and sweet.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; postpaid.

## Golden Dawn Sweet

We can best describe this as a "Yellow" Ruby King; it is the best of all yellow varieties. Very handsome in appearance.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; postpaid.

## Cherry Red

Round and small; very hot and a great bearer.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c.

## Cherry Yellow

Differs from the above in color only. Same price as above.

## Long Red Cayenne

Of dwarf growth, bearing long, slim, bright red, pungent pods.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; postpaid.

## Red Chili

Smaller and later than Cayenne, Much used for pepper sauce. (Illustrated).

Oz., 30c; 2 oz., 50c; ¼ lb., 90c; postpaid.

## Tabasco

Extremely hot and fiery. The famous Tabasco Sauce is made from this variety.

Packet, 15c, 3 for 25c.

## Squash or Tomalo

Fruit more or less ribbed; color red, flesh thick, mild and pleasant to the taste.

Oz., 25c; 2 oz., 45c; ¼ lb., 75c; postpaid.



CHILI

# PUMPKINS

**CULTURE.**—When warm weather has come, drop seed in hills 10 to 12 feet apart. They occupy too much room for the garden and should be cultivated as a field crop.

See pages 33 and 64, Seed Table and Planting Calendar

## Large Cheese

Fine for  
Pies.  
Keeps  
Well  
Info  
Winter



The  
Best  
Variety  
for  
Family  
Use

Superior to Kentucky Field in being adapted to table use, as well as stock feeding. Shape, flat; skin, mottled light green and yellow, changing to a rich cream color. Flesh, yellow, thick and tender.

Oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 65c; postpaid.

### Cushaw Crookneck

Very attractive; medium size; very hardy. Sweet and excellent for pies, especially good for baking.

Oz., 15c; 2 oz., 25c; ¼ lb., 35c.

### Large Yellow Field

A very hardy and prolific variety; often planted among corn to make a crop for feeding to live stock during the early winter.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c; postpaid.

### Connecticut Field

A large, yellow variety, with a hard shell. Excellent for stock feeding. The hardiest of all varieties and enormously productive.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; postpaid.

### Kentucky Field

Large, round, slightly ribbed; soft shell, salmon color. Very productive and excellent for stock.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c.

Packets, any variety, containing 1-2 oz., 5c each

## HOW TO GROW BIG SQUASHES OR PUMPKINS

By Wm. Warnock, Goderick, Ont.

Who grew a specimen of the Canada Mammoth Green Squash weighing 365 lbs.

My land, which is of gravelly formation, with a top layer of clay loam sixteen inches thick, is put into good condition by being heavily manured. A 300-pound squash can be grown on such soil by the following method:

About April 1st. for each hill you intend to plant, take two wheel-barrow loads of hen manure, and mix with four loads of good soil taken from another portion of the field: then mix up again the middle of April. The first of May add four barrows of well-rotted manure, and mix thoroughly. Near the 18th of May make hills 20 feet apart by digging out a space 7 feet in diameter and 14 inches deep, fill in with your compost, together with some of the best earth which was thrown out; when finished the hill should be about 10 feet in diameter and 6 inches higher in center than the surrounding level. Plant the seed and work the ground well until plants commence to run. When vines are about 3 feet long, mulch the ground for 20 feet in diameter all around each hill with horse manure 3 inches deep. Stake the vines down with sticks to keep the wind from rolling them about, so that they may take root at every joint. Keep the vine from fruiting as long as possible, by pruning all bloom off until about the last week in July. This will give time enough to mature a 300-pound Squash by October 1st; for there must be a big, heavy vine to produce a big, heavy Squash.

When you think the vine is strong enough to grow a good specimen, it will give extra vigor and strength to the growth of the fruit to fertilize a few of the first blooms. Cut off a few of the fresh false bloom, trim the corolla, or flower leaf, off, and then rub the stamen which remains in around the fresh fruit bloom on the vine. When the first perfect specimens have set well, say four or five inches in diameter, cut all other fruit and blossoms off, and nip the ends off vines, and all bloom that shows, twice a week, so that the vine is not exhausted with the great quantity of false bloom that would naturally come. Now, while the great growth of the Squash is going on, I use liquid manure twice a week along three or four of the principal vines of each hill, often six or eight pails to the hill if it is in a dry time. Great care must be taken to give plenty of water; for instance, in 1893, when I grew the great specimen that was the largest on exhibition at the World's Fair in Chicago, it was a dry time with us at Goderick, and, having the advantage of the town water service, I sprayed each hill twice a week through August and the first two weeks in September, drenching the ground each time.

## Pumpkins—Continued

### Mammoth

Of enormous size. Salmon-colored skin; flesh yellow, of good quality. A splendid keeper, and valuable for stock feeding; also desirable for exhibition purposes.

Oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00; postpaid.

### Tennessee Sweet Potato

A splendid pie and cooking Pumpkin. They grow pear-shaped to medium size, and are slightly ribbed; skin is a creamy white, lightly striped with green; flesh very thick, creamy white, dry and fine-grained; keeps well until late in the spring.

Oz., 15c; 2 oz., 20c; ¼ lb., 30c; postpaid.

### Japanese Pie

A very valuable pie and cooking Pumpkin. The flesh is *very thick*, nearly solid, unusually *fine-grained, dry and sweet*. The seeds are peculiarly marked.

Oz., 15c; 2 oz., 25c; ¼ lb., 35c; postpaid.

## SQUASH

### PACKETS 5c

They contain 1-2 ounce of seed

**CULTURE.**—Sow about the middle of spring, in hills, the early sorts about 4 feet apart and the late varieties 6 to 8 feet apart. Drop enough seed to be thinned to three plants in a hill. The hills should be highly manured, and prepared in a similar manner as those for Cucumbers.

Cultural directions printed on our Seed Packets.  
See pages 33 and 64 for other information.

### BUGS

To eradicate the Squash Bug, lay boards among the plants as a trap to catch them. The insects collect under the boards at night and can be destroyed in the morning. This method has been successfully employed. Kerosene emulsion is often used.

Paris green, sprinkled or dusted near the roots of cucumber, melon and squash vines is said to be effective in preventing the ravages of the Squash Vine Borer, which bores into the stem, causing the plant to die.

"**Slug Shot**" applied in liquid form is effective.

### Early White Scallop Bush

White Patty-pan (Cym-lings)—

Light cream color, large size, flat. Good for shipping. Hardy and productive. (Illustrated.)

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 65c; postpaid.



### Early Yellow Scallop Bush

Differs from the above in color only. Same price.

### Mammoth White Scallop Bush

About twice the size of the Early White Scallop Bush, and of a purer white and better in all other respects. It is without question the best Bush Scallop sort, and, except where small Squashes are preferred, should supersede the old sort.

Oz., 10c; 2 oz., 15c; 4 oz., 25c; lb., 65c; postpaid.

### Chicago Warted Hubbard

The most popular winter Squash. Is an exceptionally good keeper.

Is larger than the original Hubbard and in addition is "warted," which indicates a hard shell and a long keeper. It also denotes extra fine quality. In all of these good points it is a great improvement over the old Hubbard.



Oz., 15c; 2 oz., 25c; ¼ lb., 35c; postpaid.

## Squash—Continued



HUBBARD

### Hubbard

The leading Squash for fall and winter use; good in any climate; hard skinned, splendid keeper; flesh dark yellow, fine grained, very dry, sweet and rich. (Illustrated.)

Oz., 15c; 2 oz., 25c;  
¼ lb., 35c.



### 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 rich orange red color, instead of the dark olive green of the old Hubbard.

Oz., 15c; 2 oz., 25c; ¼ lb., 35c.

### Mammoth Chili

The largest Squash of all

Often weighs over two hundred pounds. Its size makes it valuable for stock feeding, while its rich, fine-flavored flesh insures its value for all purposes.

### Yellow Summer Crookneck

Best variety for the home garden in summer

Very productive; bush form. Small crooked neck, with warts. Shell very hard when ripe.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c;  
lb., 60c; postpaid.

### Winter Crookneck

Skin green, mottled and striped like Cushaw Pumpkin. Long, solid neck; dry, sweet and richly-flavored flesh. A long keeper.

Oz., 10c; 2 oz., 20c; ¼ lb., 25c;  
lb., 90c; postpaid.



YELLOW SUMMER CROOKNECK

Write for SPECIAL PRICES for 5 lbs. or over of Pumpkin and Squash seed.

☛ "Your seeds are my choice, first, last and all the time."

Fair Grove, Mo.

MRS. LUCY J. BANTA.

# RADISHES

**THE ONLY**  
**Extra Early Long White Radish**

**"Icicle"**

SEE :: SPECIALTY :: PAGES

days, from early spring until summer. must be given plenty of ventilation, or they will grow all leaves and very small, if any, bulbs.

For quantity to sow refer to Seed Table, page 33

**ANY VARIETY, 5c PER PACKET**

## Early Round Sorts

(TURNIP-SHAPED)

### Triumph

A NOVELTY THAT HAS  
COME TO STAY!

Pure white, with  
scarlet stripes and  
blotches, as shown in  
the illustration.

Unexcelled for forc-  
ing, and as good as  
any for out-door cul-  
ture in private gar-  
dens. Mild, crisp and  
tender. Exceedingly  
attractive appear-  
ance.

Oz., 25c; 2 oz., 40c; ¼ lb.,  
75c; postpaid.



EARLY SCARLET TURNIP

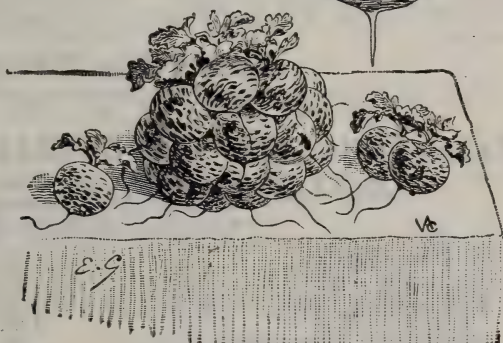
### Scarlet Globe

For forcing in a greenhouse,  
hotbeds, or cold frames, there is  
no other red variety more desirable.  
It is entirely distinct and one of  
the earliest; in flavor, is mild,  
crisp, juicy and tender. It forms  
a small top and will stand a great  
amount of heat without becoming  
pithy. Excellent for the open  
ground if sown early in the spring.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b.,  
65c; postpaid.

The Radish is one of the most popular  
and easy grown vegetables, but contains  
little nourishment, and should never be  
eaten unless young and crisp, as when they  
are old and pithy they are exceedingly  
unwholesome. As their tenderness depends  
entirely upon their rapidity of growth, the  
soil should be light, rich, and finely pul-  
verized. The seed should be sown thinly,  
or the plants thinned out, to allow the  
bulbs to develop. To have a constant sup-  
ply, a sowing should be made every ten  
days, from early spring until summer.

If sown in frames during February, they  
must be given plenty of ventilation, or they will grow



TRIUMPH

### Early Scarlet Turnip

The Standard Small Round Red Radish

Of very quick growth, with small amount of  
foliage or "tops." Mild, crisp and tender when  
young. (Illustrated.)

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 60c; postpaid.

### Non Plus Ultra

Largely sown for forcing, as it is the ear-  
liest strain of the "Scarlet Turnip" types.

Very short top; flesh tender and of delicate  
flavor.

Oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1b., 75c; postpaid.

### Erfurt Dark Red

Better shape and color than Early Scarlet  
Turnip, and for this reason it is popular with  
market gardeners. White flesh, small tops, very  
early. Fine for forcing.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.



## Early Round Radishes—Continued

### Scarlet Turnip White Tip

Differs from the Early Scarlet Turnip Radish only in being beautifully tipped with white. Very attractive. A fine market sort, either grown outdoors or under glass. Very early. (Illustrated.)

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 65c; postpaid.



SCARLET TURNIP

### THE GEM

(Early Scarlet Turnip, White Tip Forcing)

Earlier than the above variety, but in other respects identical. Used largely for growing under glass. Also called **Rosy Gem**.

Oz., 10c; 2 oz., 20c;  $\frac{1}{4}$  lb., 35c; 1 lb., 75c; postpaid.

### Philadelphia White Box

A white turnip-shaped variety that is most excellent for forcing in frames or boxes, hence its name. Leaves very short, allowing it to be sown thickly without causing the leaves to "draw."

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.

### Early White Turnip

To be preferred to White Box for open-ground culture. Excellent flavor. Size and form of the Early Scarlet Turnip.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; postpaid.

### Early Yellow Turnip

For those who desire a golden yellow variety, this is the earliest and best.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c; postpaid.

## HALF-LONG AND OLIVE-SHAPED VARIETIES

### Half-Long Deep Scarlet A very handsome extra early variety

Roots are somewhat longer than the Olive-shaped. Skin is smooth and of a rich, deep color. Flesh white, tender and crisp.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.



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BY  
WILMORIN-ANDRIEU & SONS  
1892

FRENCH-BREAKFAST

### Olive-Shape Deep Scarlet Forcing

*The companion variety of the Olive-Shape White Forcing*

(See Yellow Specialty Pages)

### French Breakfast

A favorite for private gardens for home table use

Is very early; olive-shaped; scarlet, with white tips. Very crisp, mild and tender. (See illustration.)

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.

### White Forcing Olive-Shape

The earliest white variety in existence. Ready for pulling in from 18 to 20 days in the open ground, and even earlier when grown under glass.

This is altogether a most remarkable and valuable variety. Not only is it the earliest, but it is of unusually good quality and of handsome, attractive shape and appearance. Keeps well for such a quick grower. Tops are very small, and the radishes are very solid. The skin is thin, and both the skin and flesh are pure white, of clear and mild flavor, crisp and tender.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.



See Pages 77 and 78 for Other Radishes



Chartier

Radishes—Continued

LONG VARIETIES

Long Scarlet Short Top

The standard long sort grown in private gardens and by market gardeners. Is early and of good quality. Grows half out of the ground.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 60c; postpaid.

Market Gardeners' Long Scarlet

An improved strain of the preceding variety. It is fully six days earlier, has a shorter and more compact top. In shape it is somewhat shorter and thicker. In color the upper portion is of unusually deep brilliant red, which gradually shades to a deep, waxy pink towards the end. Gardeners everywhere should plant this fine strain. No other can equal it.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 65c; postpaid.

Long Brightest Scarlet—Cardinal

(See Specialty Pages)

Wood's Frame

Shorter and thicker than Early Long Scarlet, and better adapted for forcing; also good for out of doors, and is very early. Color brilliant scarlet; flesh mild, brittle and of fine flavor.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 60c; postpaid.

White Lady Finger—Long Vienna

Of slender, graceful form, and remarkably crisp, brittle and tender. Not so good as Icicle for forcing, but has long been popular for open ground culture.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

SUMMER RADISHES

White Strassburg

Oblong shape, tapering gracefully to a point. Of large size, good quality and resists heat remarkably well. Very tender and of a delightful pungent taste.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

Stuttgart

Produces roots of excellent quality, and as large as winter varieties, in from six to eight weeks. Can be stored for winter use.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

St. Louis White Summer

This is now not only the favorite white summer radish in St. Louis and vicinity, but it is popular on the markets of many other western cities.



Skin and flesh pure, clear white; tender and of pungent taste. Good for early and late sowing out of doors. Remains in a tender condition longer than any other summer sort.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1b., 75c; postpaid.

CHARTIER

(Shepherd)

Although this variety is too strong-growing to be used for forcing, it is one of the best for sowing outdoors, particularly in the summer.

The roots can be used quite early, but, if not pulled, they remain hard and crisp until they reach a diameter of over an inch, and so furnish good roots much longer than other varieties.

Roots scarlet, rose above, shading into white at the tip.

Flesh white, crisp and mild-flavored.



Oz., 10c;  
2 oz., 15c;  
¼ lb., 25c;  
1b., 60c;  
postpaid.

## RAPE for Greens

**CULTURE.**—Sow early in spring in drills or broadcast, and also in September; will stand in open ground over winter, with but slight protection; affording abundance of fine greens very early in spring. In some localities it is largely cultivated for its seed, which is fed extensively to birds.  
Oz., 10c; 2 oz., 15c; lb., 25c; postpaid.

## SPINACH

**CULTURE.**—The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during the winter, which prevents it from being cut with the frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks from March to August. Spinach is best developed, and most tender and succulent, when grown in rich soil.

### Bloomsdale or Savoy

Highly popular with market gardeners. The leaves are wrinkled in the same manner as the Savoy cabbage. A crop of this variety weighs much heavier than any other variety. It grows very quickly. Fine for fall sowing.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 35c; postpaid.

### Round Thick Leaf

Leaves large and fleshy. An excellent market sort. Good for either spring or fall sowing.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 35c; postpaid.

### Long Standing

Good for spring sowing. Stands a long time before shooting to seed. Large, thick leaves.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 35c; postpaid.

### Prickly, For Fall Sowing

Very hardy and vigorous. Triangular, arrow-shaped leaves.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 35c; postpaid.

### Victoria

Much later than Long Standing. A fine variety for spring sowing. The leaves are very heavy and of an almost black-green color, of the savoy type. It can be used when all other sorts have "gone to seed."

Oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 35c; postpaid.

### New Zealand

Makes a luxuriant growth all summer. In appearance, entirely distinct from other Spinach, but its quality is very desirable.

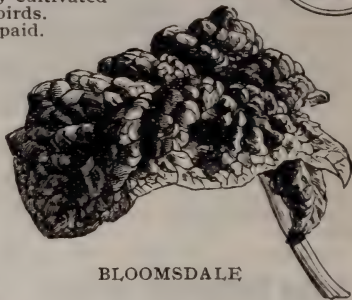
*Soak the seed in hot water before planting.*

Oz., 10c; 2 oz., 20c; ¼ lb., 35c; lb., 90c; postpaid.

## Salsify

See  
Oyster  
Plant

WE  
PAY THE  
POSTAGE ON  
GARDEN  
SEED



BLOOMSDALE



## PRICES

Are not conclusive;

QUALITY

Is the True Test of  
Value

## Fall and Winter Radishes

All varieties—Oz., 10c; 2 oz., 15c;  
¼ lb., 25c; lb., 60c; postpaid.

**ROUND BLACK SPANISH.** Sow very late in summer. Grows to a large size; very solid.

**LONG BLACK SPANISH.**

**LONG WHITE SPANISH.**

**ROSE-COLORED CHINA.** Form conical; large size; firm and tender.

## Summer Radishes

All varieties—Oz., 10c; 2 oz., 15c;  
¼ lb., 25c; lb., 75c; postpaid.

**ROUND SCARLET CHINA.** A good summer or fall variety; grows rapidly and holds its size and fine quality throughout the entire summer.

**YELLOW SUMMER TURNIP.** Stands the heat well; can be sown late. A general favorite with market gardeners.

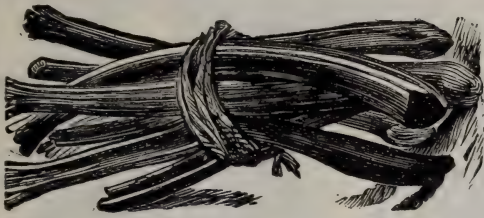
A BILLION DOLLARS just about represents the value of agricultural products sent abroad during the last fiscal year. This is almost exactly two-thirds of our total exports of all merchandise, and more than half of this billion dollars is the value of exports of vegetable matter alone.

The farmers form a mighty element in the commercial health of our country.

## SQUASH

(See page 73)

# RHUBARB (PIE PLANT OR WINE PLANT)



Rhubarb can be cured for winter use by cutting the stalks into small pieces; string them and expose to the sun until perfectly dry, after which hang them in a dry place until wanted.

**CULTURE.**—Sow in drills, one foot apart, early in spring. In the fall, or next spring, transplant to three feet apart. Do not let the plant exhaust itself by running to seed. One ounce for 500 plants.

### Early Linnaeus

Earlier than Myatt's.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; postpaid.

### Myatt's Victoria

Later and larger than Linnaeus.

### Australian "Crimson Winter"

Is a new Rhubarb, originated by Luther Burbank ("The Wizard of Horticulture"). Everyone who grows this vegetable to sell should not only make a trial planting of it, but lose no time in getting a stock of roots started, as those who have it to sell first will get the highest price. See Yellow Pages.

### Rhubarb Roots

(Page 85)

# TOBACCO SEED

Packet, 5c; oz., 25c; ¼ lb., 75c; postpaid—except the varieties priced higher.

"Tobacco Culture," 25c, postpaid, contains complete directions for growing, curing and marketing all these varieties.

The quality and appearance of Tobacco is greatly influenced by soil and climate. Heavy, clay soil tends to produce large plants and the leaves cure into dark brown or red color with a large quantity of oil or gum. Light, thin soil makes light, thin leaves, which, when cured, are bright mahogany and sometimes yellow.

### Dark Plug Wrapper

**Big Oronoka.** A favorite Virginia variety.

**Missouri Broad Leaf.** A well-known standard sort; very large yielder.

Oz., 30c; ¼ lb., \$1.00; postpaid.

**Kentucky Yellow.** A splendid dark-leaved variety; very large, finest texture.

### Plug Filler

**Yellow Prior.** A good variety for bright, yellow grade.

**White Burley.** A western variety which produces one of the most fashionable types for manufacturing and cutting.

### Cigar Filler

**Connecticut Seed Leaf.** This variety is a staple crop; carefully selected seed.

### Cigar Wrapper

**Havana.** Commands a high price for cigar stock, superior, extra fine.

Oz., 30c; ¼ lb., \$1.00; postpaid.

**Gold Leaf.** A cross between the Yellow Prior and Oronoka; good either for wrappers or fillers.

WRITE US JULY 1st  
FOR SPECIAL PRICE LIST  
OF TURNIP SEED

# TURNIPS

**CULTURE.**—For spring crop, sow the Extra Early Milan or the Flat Dutch, as early as the seed can be got into the ground, in 14-inch drills, and thin to 5 or 6 inches. For the fall and main crop, sow from the middle of July to the middle of September, in drills, as directed for the spring sowing. In the field, Turnips are more generally sown broadcast, though much the largest crops are obtained by drill culture.

See *Calendar*, page 64, and *Seed Table*, page 33.

Brief planting directions are printed on our seed packets.

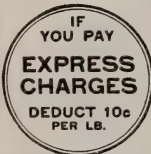


PURPLE-TOP MILAN

## White Egg

A quick-growing fall Turnip; should be sown in August; oval or egg-shaped; flesh very firm and fine grained; flavor mild and sweet.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c;  
lb., 60c; postpaid.



**EVERYTHING**

Is **5c** Per Packet,

Unless Priced  
Otherwise

## Pomeranian White Globe

Immense white, globe-shaped roots, in rich ground, frequently attaining the weight of 12 pounds. Considering this size, it matures early. A very good, autumn variety. For both table and stock feeding.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c; postpaid.

## Yellow or Amber Globe

Shaped like Purple-Top White Globe. Is the staple yellow turnip both for table and for feeding to stock. Heavy cropper and keeps well. Flesh firm and sweet.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c.

## Seven Top

Grown only for the tops, which are used for greens or salad in the South; also for stock pasturage.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c.

A 57 YEARS' SUCCESSFUL  
BUSINESS CAREER SPEAKS  
MORE FOR THE GOOD QUALITY  
OF OUR SEEDS THAN CAN  
BE EXPRESSED IN VOLUMES  
OF TYPE AND TALK.

## Extra Early Purple-Top MILAN

Fully a week earlier than  
any other variety

Flat and smooth; of medium size. Pure white flesh of choice quality. A good keeper. Fine table variety to grow either in the spring or fall.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c; postpaid.

## Early White Dutch Flat Strap Leaf

(See Illustration)

Differs from the following variety only in color, not having a purple top.

Good for spring sowing

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c; postpaid.

## Early Purple Top. Flat Strap Leaf

The standard variety. Popular both for family and for market use. Pure white, excepting the purple outer skin above ground. Fine-grained flesh of rich buttery flavor. Large size.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c; postpaid.

## Cowhorn

Fine grained and sweet. Pure white, green top; in shape, similar to a cow's horn. Generally used for stock feeding.

Oz., 10c; 2 oz., 15c; ¼ lb., 25c;  
lb., 60c; postpaid.

## Robertson's Golden Ball

The best of the yellows for a fall crop; is very solid and of good flavor; flesh bright orange; of a globe form, and keeps well. An excellent table variety.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c; postpaid.

## Aberdeen Yellow Purple Top

Hardy and productive; globe shaped; good for table use and for stock feeding.

Oz., 10c; 2 oz., 15c; ¼ lb., 20c;  
lb., 50c; postpaid.



EARLY WHITE DUTCH

## Turnips—Continued

### Purple-Top White Globe



The best variety for home gardens.

Very much in favor with market gardeners on account of its size, shape and beauty.

This is one of the most valuable and most salable varieties now grown; it is of globe shape, flesh pure white, with a red or purple top, and of very rapid growth; it is of the same character and habit as the Red Top Flat, differing only in its form and leaves, but, owing to the great size and thickness of the root, it will produce twice as much to the acre; it can be sown either broadcast or in drills, and is always a sure cropper.

**In quality unsurpassed.**

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1b., 50c; postpaid.

### Rutabaga

The Rutabaga is extensively grown for a farm crop. The roots are best preserved in a pit or cellar during the winter. Sow from the 20th of June to the end of July, in drills two feet apart, and thin out to eight inches.

### American Yellow Purple Top

The most satisfactory variety to grow for either family use or stock feeding. Is very hardy and productive; flesh yellow, solid and sweet.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1b., 50c; postpaid.

### White Purple Top

Very large; firm white flesh, sweet and nutritious.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1b., 50c; postpaid.

### Sweet German

A globe-shaped white variety of good quality, either for table use or feeding.

Oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 20c; 1b., 50c; postpaid.

## Special Mixtures of Grass Seeds

We are equipped with a stock of various grasses so that we can make up mixtures for special use.

We frequently receive inquiries for something low in price for sowing on wild or rough pasture land.

State your needs by letter and we will take pleasure in serving you.

The cost of special mixtures varies with the grades and varieties that enter into their composition, and we much prefer quoting specially on individual needs.

# TOMATOES

Our Tomato Seed is beyond comparison with "canning stocks"  
There is a big difference in the crop.

**CULTURE.**—One ounce will produce about 1,500 plants; about 4,000 plants for an acre. For early use sow in February or March, in boxes or pots, and place near a window, or in a hotbed. When about 2 inches high, prick them out singly in small pots, and nurse carefully in frames, and when all danger of frost is past, plant them out in a sheltered situation, where they may have the full influence of the sun. To hasten the maturity of the first fruit which sets, pinch off the extremities of the tops and all the secondary shoots which afterwards appear above the flowers.

## Acme

The Earliest Really Good Tomato. Popular Everywhere

There is no variety so well known and widely cultivated throughout the United States, both for early and main crops.

Vine large, hardy and productive, ripening its first fruit almost as early as any, and continuing to bear abundantly until cut off by frost. Fruits in clusters of four or five; of medium size, perfect form, round, slightly depressed at the ends and very smooth; color a glossy red with purplish tinge. Free from cracks and stands shipment remarkably well; flesh solid and of excellent flavor. It stands without a peer among its class. This variety is also used for planting under glass.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c; postpaid.

## Beauty

Until the introduction of "Mangus" this was the smoothest and best of the large "purple" Tomatoes



It ripens with Acme and Perfection and is a model in beauty and shape, being entirely free from rough specimens. Grows in large clusters and retains its large size late in the season. It is very valuable for shipping and for early market

Used largely by market-men and long-distance shippers. (Illustrated.)

Oz., 20c; 2 oz., 35c; ¼ lb., 60c.

## Atlantic Prize

The earliest of all

Fruits are borne in large clusters; ripens very evenly. Color, bright red.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c.

## Dwarf Champion

A favorite home garden variety

Its stiff, upright stalks are so sturdy as to hold the fruit well above the soil, even without stakes or supports. It is early, and larger than the *extra* early sorts. Medium to smaller in size—smaller than the great midsummer types. Of superior table quality. Resembles the Acme in color.

Oz., 30c; 2 oz., 50c; ¼ lb., \$1.00; postpaid.

## Buckeye State

In Buckeye State we have the largest-fruited variety of any of the *smooth round* Tomatoes, excepting Magnus, averaging fully one-half larger than the Livingston's Beauty. It is an immense cropper, bearing its fruit in large clusters, often six to eight in a single cluster. Color about same as Beauty, but deeper shade, very showy and striking when displayed for sale. Remarkably solid and meaty.

Oz., 20c; 2 oz., 30c; ¼ lb., 50c; postpaid.

## Dwarf Aristocrat

This fine *early variety* in habit of growth and foliage resembles the "Dwarf Champion" very much. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the **standard of excellence**. It is **desirable for forcing under glass**, and for growing outside for early market. Its peculiar dark green foliage and glossy red fruit attract the attention of everyone.

Oz., 25c; 2 oz., 45c; ¼ lb., 80c; postpaid.

*Tomatoes—Continued*

**Favorite**

**A Large Bright Red Variety**

One of the largest and most perfect in shape. Smoother than Paragon, darker red than Perfection.

Oz., 20c; 2 oz., 35c; ¼ lb., 60c.

Use the **Golden Dwarf Champion** to slice for the table. Bright, attractive, yellow color and good flavor. See page 84.

**Matchless**

**A well-named Tomato. We highly recommend it as a variety to grow for main crop.**

The fruits are extra large in size, very handsome and always marketable. The skin is remarkably tough and solid, so that ripe specimens picked from the vines will keep in good condition ten days. Color rich cardinal red. (Illustrated.)

Oz., 25c; 2 oz., 40c; ¼ lb., 70c.

**Magnus**

This distinct variety, of the color of Beauty and Acme, is one of the very best additions to the Tomato family. It is fully as early, thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation.

It is unsurpassed in quality, and in the production of fine, large fruits. While well adapted to main crop planting, it matures so quickly that it takes first rank for early market.

The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are usually very deep from stem to blossom end, some of them being almost globe-shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. For staking up in the open fields, as

well as for forcing in greenhouses, we believe it to be entirely unequaled for such purposes, and that there is more money in growing it for early market than any known variety, because it has about four clusters of fruit where others have three. The fruit and clusters are larger and it comes in early, while the prices are fancy.

Oz., 30c; 2 oz., 50c; ¼ lb., \$1.00.

**Paragon**

**Late, but very productive**

Meat is solid and well flavored. Color deep red. Oz., 20c; 2 oz., 35c; ¼ lb., 60c.

**Perfection**

**An improved Acme with blood red skin.**

Good for canning whole. Large, early, smooth, solid and heavy cropper.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c.

**Ponderosa**

There is not a Tomato in existence that can equal the Ponderosa in the points of excellence that have brought it into worldwide prominence.

Oz., 45c; 2 oz., 75c; ¼ lb., \$1.25.

**Trophy**

Large, smooth, solid and of good flavor. Color, bright red.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c.



MATCHLESS

COPYRIGHTED BY U. SEED CO.



**WE ARE GENEROUS** in the size of our Packets. A "Packet" is no definite quantity, it may contain 10 seeds or 10,000, according to where you buy it. As one of our customers wrote us last year: "Your Packets contain enough for a whole family." We do not count the seeds, so cannot tell you how many they contain, but you will find our Packets as large as any and much larger than many.

## Tomatoes—Continued

### Stone

The Leading Variety for Canning



This has come to be recognized as one of the best of all the standard sorts. The color is a desirable bright red. The fruit is of large size, perfectly smooth and of best table quality in every respect. It is a famous main-crop tomato in many sections, both North and South, and is much used for canning. The plants are productive and the fruit bears shipment well. Stone is used for forcing purposes under glass with very satisfactory results. Its shape, color and quality adapt it to the fancy trade.

Oz., 20c; 2 oz., 35c; ¼ lb., 65c.

### Golden Dwarf Champion

In dwarf, compact habit of growth and crumpled foliage the plant is an exact counterpart of the well-known **DWARF CHAMPION**, but the large, handsome fruits are of a beautiful *lemon yellow color*, very solid and of unusually fine flavor and productive. Never before have we had a yellow Tomato that was so **large, solid and fine-flavored**. The handsome, large, lemon yellow fruits are always meaty and of excellent flavor, being free from any acidity. They are very desirable for slicing and most showy when served on the table, either alone or in connection with slices of a good red tomato. They are also desirable for *cooking in any way*, but specially for making "Tomato Butter" and other preserves, as their beautiful color, when preserved for winter use, makes them most attractive.

Oz., 30c; 2 oz., 50c.

### Peach

This is a distinct and very attractive tomato, highly desirable for preserving, eating from the hand, or table decoration. Fruit resembles a peach in shape, size and color, and is covered with a delicate down, which makes the deception quite complete; flesh tender and of good flavor. Should find a place in every garden.

Oz., 30c; 2 oz., 50c; ¼ lb., 90c.

**LARGE ROUND YELLOW** (*Golden Trophy*). Firm, yellow flesh, with a clear, semi-transparent, yellow skin.

Oz., 25c; ¼ lb., 75c.

**YELLOW PEAR**—A good pickling sort. Fruit bright yellow true pear-shaped and solid, very handsome. Oz., 30c.

**RED PEAR**—Used for preserves and to make "tomato figs." Fruit bright red, distinctly pear-shaped, and with a peculiar flavor. Oz., 30c.

**YELLOW PLUM**—Shape uniformly oval and perfectly smooth; color lemon yellow; used for preserves. Oz., 30c.

**RED CHERRY**—A small, round, red tomato of the shape and size of a cherry, peculiar flavor; fine for pickling and preserves. Oz., 30c.

**YELLOW CHERRY**—In form and shape same as above; color bright yellow. Oz., 30c.

## Tomato Growing

One of the best-paying crops last year for the shipper was Tomatoes. They brought high prices on this market all of the season.

They will grow on almost any character of soil, but potash or phosphate fertilizers can frequently be used to excellent advantage.

Depending on the section you may be located in, and market you grow for, will determine the time for planting the seed in beds. In the extreme South this date will be January 10th to 20th, and it advances as we get further north. When the plants are six to eight inches high they are best for setting out in the field. To secure best yields, it is advisable to use stakes and trim the plants to one stalk.

As the crop reaches maturity, the shipper needs to watch carefully the picking and packing of the fruit. Gardeners who grow for local market need to use no such precaution, as the fruit must be ripe.

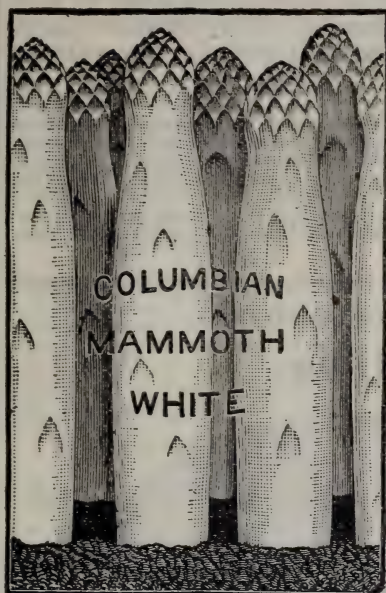
All of these conditions for handling the crop can best be learned by experience. Beginners can get much useful information from books written especially on the culture of the Tomato, and many of the Experiment Stations have issued bulletins.

The **Acme** has proven to be the most satisfactory all-purpose Tomato, and more of it is used in the South than any other variety. The Stone, Dwarf Champion, Matchless and Honor Bright we can recommend for shipping, and the last named especially. The **Magnus** is one of the newer sorts, and we recommend it especially to those wanting an early variety for their home market.



# ROOTS AND SETS

Transportation charges to be paid by purchaser, except where noted otherwise



## Asparagus Roots

For description of the different varieties, see page 46 this catalog. A pamphlet giving full directions—"How to Make and Cultivate an Asparagus Bed," will be sent with every order for Asparagus roots, if you request it, or mailed upon receipt of a two-cent postage stamp.

### Columbian Mammoth White

The finest variety. Is always self-blanching.

A comparatively new variety. Large, white shoots, which stay white as long as fit for use without earthing or any other artificial blanching. Valuable variety for gardeners and truckers.

#### Two-year-old, Strong Roots

Per 100, 75c; per 1,000, \$6.00.

Special prices will be quoted on larger quantities

Can also furnish, at 75c per 100, \$6.00 per 1,000, CONOVER'S COLOSSAL and PALMETTO.

## Artichoke Roots

Grown exclusively for its tubers, which somewhat resemble potatoes, and are cultivated in a similar manner. It is enormously productive, producing over 600 bushels per acre. They are used mostly in feeding sheep and hogs. Per peck, 40c; bushel (50 pounds), \$1.25.

## Chives

Chives are very hardy and perennial members of the Onion family. The tops appear very early in the spring, and can be cut throughout the season.

Roots, per bunch, 25c, postpaid. 12 bunches, \$1.25.

## Rhubarb Roots

Rhubarb Roots may be planted early in spring or fall, setting the roots three feet apart each way. It requires but little labor; once planted, they will remain in bearing condition for five or six years, only requiring a top dressing of manure dug in spring or fall. Choice selected roots (variety unknown), with two to three eyes.

Four for 50c; per dozen, \$1.25; 100, \$5.50.

See Yellow Specialty Pages for a New Rhubarb

## Horse Radish Sets

The best Horse Radish is produced from small pieces of root; these are to be set small end down, so that the top will be two inches below the surface. The soil should be very rich and well cultivated.

Per 100, 60c; per 1,000, \$4.50; 12 for 15c; postpaid.

## Tarragon Plants (Estragon)

Each, 20c; 3 for 50c.

## Onion Sets

PRICES SUBJECT TO CHANGE

Special prices will be quoted on large lots

They should be planted near the surface, in drills 12 inches apart and 4 inches in the rows. They must have high culture for the best results. They are valuable for early use, and where onions from seed cannot be raised the first year, they are essential.

We have no other Onion Sets than those named below. We cannot guarantee prices given, but to avoid unnecessary delay and writing, we fill orders and send as many as the money received will pay for, be it more or less than you have ordered. We pack them to be carried with safety, but we are not responsible for any damage they may receive in transit, either from heat or cold.



	Qt.	Pk.	Bu.
Bottom Sets, Yellow, 32 lbs. to bu.,	\$0 20	\$0 60	\$2 00
"    White, 32 lbs. to bu.,	20	65	2 25
"    Dark Red, 32 lbs. to bu.,	20	65	2 50
Red Top, or Button, 28 pounds,	-----	-----	-----
Red Potato Sets, Multipliers, 32 lbs. to bu.,	20	65	2 00
Garlic, -----per pound, 20c; 10 pounds,	1	75	

If wanted by mail, add 15c per quart or 10c per pound to this price.

# SEED POTATOES

We are in a position to furnish choice Northern Grown seed of all these varieties. The prices quoted are on a basis of market values at time we go to press, and this year, when values have changed so rapidly at times, we suggest that buyers of large lots ask for special prices, and with your inquiry always state quantity you wish to purchase.

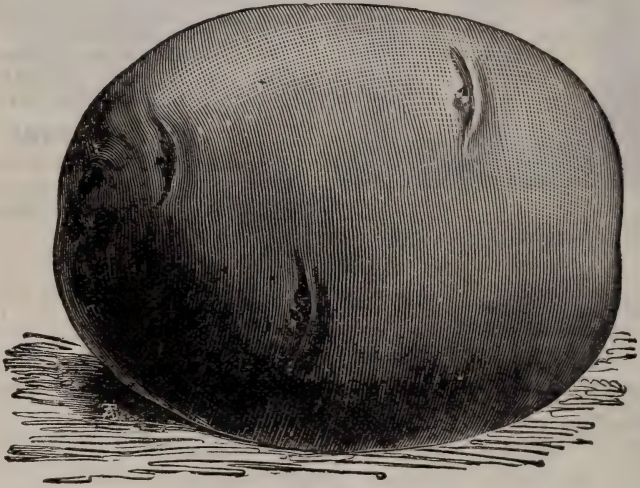
**CONDITIONS OF SALE.**—All orders subject to approval. Potatoes will be shipped only in favorable weather; and after leaving our hands they become your property, and we will not be responsible for any damage they may sustain during transit or at your depot. We use great care in packing and our best judgment as to weather, and it is seldom that any complaint is made us by the purchaser.

If you wish your potatoes shipped at any certain date, or upon receipt of your order, please state so, otherwise **shipment will not be made** until the usual time, **first week in March**, if weather permits.

**Prices include packing. Express or freight charges always to be paid by the purchaser.**

**Our barrels hold 2 1-2 bushels, net**

## Early Ohio



EARLY OHIO

**The Early Ohio stands at the head of the list and has no superior.** It is now widely known and one of the most popular sorts. It has the advantage of being fit for use and sale even before becoming fully ripe. The quality of the Early Ohio is excellent and the yield large. We have a splendid stock, grown, as are nearly all our potatoes, in the extreme North. Do not confuse our Seed Potatoes with cheap commission stock.

Peck, 40c; bushel, \$1.50; barrel, \$3.75.

## The Freeman

**One of the earliest; enormously productive and of the best eating qualities**

The tuber is oval in shape, russet in color, covered with a netting; flesh very white, both when raw and cooked, extremely fine grained, and in flavor the ideal potato. The marked features of this potato are its earliness and long-keeping qualities. They ripen in advance of both Early Rose and Early Ohio. Tubers have never been known to rot or rust, and no hollow ones. Vine a fine grower, but not rank or scraggy. The Freeman is probably one of the most handsome potatoes ever placed on the market. As high as 120 pounds of good potatoes have been harvested from one pound of seed planted.

**Same prices as Early Ohio**

## Potatoes—Continued

**PECK 40c, ANY VARIETY**

### Triumph

This variety matures its crop at least a week in advance of the Early Rose. Tubers are of medium size, round and uniform in shape, with but very few small ones; eyes slightly depressed; color of a beautiful light red. One of the best extra early market varieties, especially for the South,

Bu., \$1.50; barrel, \$3.75.

### Carman No. 3

**One of the best varieties**

Of perfect form, even in dry season, almost every potato being of uniform size or shape, averaging nearly a pound each in weight. It has but few eyes which are very hollow. Skin and flesh extremely white, no dark or hollow parts, and its cooking qualities are exceptionally fine.

Bu., \$1.50; barrel, \$3.75.

### Rural New York No. 2

Quite distinct in appearance; flesh white, quality excellent, shape nearly round, somewhat flattened. Tubers large to very large, but not rough or irregular; eyes quite small; form symmetrical. One of the best late sorts.

Bu., \$1.40; barrel, \$3.60.

### Snow Flake

The tubers are of a good, medium and uniform size; elongated oval, compressed, exceedingly symmetrical and remarkably uniform. In quality, we do not hesitate to say that nothing can surpass this variety; its mealiness, its pure delicate flavor, and the evenness with which it cooks through, have never been eclipsed by any potato.

Bu., \$1.50; barrel, \$3.75.

The following varieties:—

Bu., \$1.40; Barrel, \$3.60.

### Early Rose

Standard variety for earliness and productiveness.

### Early Beauty of Hebron

An early, rapid-growing standard variety; very productive and of the finest quality.

### White Star

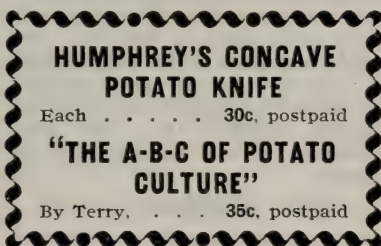
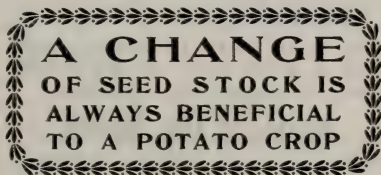
Tubers oblong, large and handsome; prolific; flesh white, mealy; medium in season. Good for general crop.

### Burbank's Seedling

This old standard is still a favorite in the market.

### Peerless

A well-known productive variety.



## Seed SWEET POTATOES

Market price on any of the below varieties will be quoted upon request,

**Price List of Sweet Potato Plants ready about April 15th, mailed free to all applicants.**

### EARLY RED BERMUDA

A pale red variety, yellow inside; grows very large and a very valuable early market sort.

### EARLY YELLOW JERSEY

One of the earliest, most productive, of short "chunky" shape, and of the best quality. Not stringy. Very few small ones.

### RED JERSEY

Not so early as the Yellow Jersey; Skin Red.

### YELLOW NANSEMOND

A yellow variety, well adapted to Northern climate.

### RED NANSEMOND

Similar to the above, of bright red color; productive.

### SOUTHERN QUEEN

Early and very productive; grows large; a yellowish white color; cooks very dry.

## Plants.

**PRICE LIST OF SWEET POTATO PLANTS MAILED FREE TO ALL APPLICANTS**

We are Always Prompt in Filling Orders

# FIELD CORN

## Grown and Selected for Seed

The growing season of the year 1901 was very unsatisfactory for many things, as we all know, and nothing has been affected so much as corn. We anticipate having the largest demand for seed corn in the history of this business, and our source of supply is limited for some of the varieties we catalog. We shall be prepared to fill all orders with good, sound corn, of satisfactory germination and of as good a sample in general appearance as the season produced, but we do not wish to guarantee to fill all orders to the extreme limit of the planting season according to these varieties, and reserve the privilege of substituting if we find it necessary to do so.

### Prices—All Varieties

Sacks included

Peck -----	\$0 50	2 Bu. for	\$3 10
Bushel -----	1 60	5 " "	7 50
	½ Bushel, 85c.		

## Yellow Dents

### Early Golden Dent

A variety much used in the South

Is early, very productive and with a good yield of grain will also give a large crop of fodder.

### Pride of the North

A very early Dent variety. Stalks small, with broad leaves; ears are short; 12 to 16-rowed and carry grain clear to the tip. On good corn land will yield about as much as a larger-eared variety, as, owing to its small size it can be planted closer. Its chief use, however, is for sowing late in season.

### Eclipse

Is an early variety and one of the best sorts we have ever handled. Does splendidly on hill and prairie land. We can highly recommend it.

### Murdock's Favorite, 90-Day

Medium sized, extra early Yellow Dent variety, with deep, rich, oily grain, and small, red cob. Matures in from 90 to 100 days.

### Leaming

Almost too well known to need description. One of the best general purpose varieties in use today. Classed as 110 to 120-day in ripening.

### FOR WEEVILS

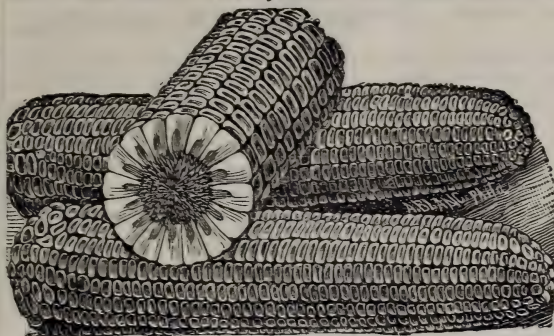
Use bisulphide of carbon in an open vessel placed near the top of a bin or barrel containing corn, beans or peas infested with weevils; about 4 ounces to a barrel is sufficient. It will not injure the grain. Buy it from your druggist.



## Field Corn—Continued

### Iowa Gold Mine

Everyone who has tried it is enthusiastic in their praise of this variety and it has received everywhere the most cordial endorsement as "one



of the best," and "the most profitable variety ever grown."

Medium early; ripening a few days later than Pride of the North. Ears of good size and symmetrical; color, a bright golden yellow. Grain very deep; cob small, and therefore dries out very quickly as soon as ripe.

#### The Only Corn that Withstood the Drought!

CREEK NATION, I. T., Oct. 10th, 1901.—"The Northern Grown Iowa Gold Mine Corn procured of you I planted 100 acres with. It was the only corn in my neighborhood that withstood the drought.

"All the seeds that I got from you last season proved to be most excellent, and of strong vitality."

JAMES R. GREGORY.

## White Dents

### Normandy

A large grain on a white cob, averaging 16 to 20 rows; medium early, and on rather light soil has produced satisfactory yield of both grain and fodder. Stalks, short-jointed, which increases its ability to withstand storms.

### Iowa Silver Mine

Stalks grow seven to eight feet. Ears ten to twelve inches in length, weighing one and one-half pounds, with sixteen to twenty rows of deep pure white kernels; small white cob. Medium early; maturing in about ninety-five days. **Ready for market earlier than any other white Field Corn.**

Possesses many of the characteristics which have made Iowa Gold Mine so popular, and in addition has a larger ear.

### St. Charles

The crop of this variety was practically a failure in the section where it is grown. **We have no seed this season.**

### Southern White Snowflake

Equal to Early Golden Dent in all points of excellence. Deep grains on a small cob, and two ears to a stalk.

### Champion Early White Pearl

An extra early pure white Dent variety. Very productive and exceedingly heavy, maturing in 90 to 100 days from the time of planting. The **grain is extra deep and wide**, two of which will more than span the cob, which is small.

## Seed POP CORN

**Monarch White Rice.**—A superior quality of Pop Corn, very easily popped and very sweet, tender and white after being popped. It is very productive.



**Golden Queen.**—One of the largest yellow and most prolific varieties grown. It pops perfectly white, and a single kernel will expand to a diameter of nearly one inch; the stalks grow six feet high, and the large ears are produced in abundance.

**Pearl.**—Smooth-grained ears, four to five inches long.

Any variety, 1 lb., 20c. postpaid; 10 lbs., 75c.

# FARM SEEDS

	Weight	Quantity	Some Prices	
	per Bu. Lbs.	to Sow 1 Acre		
Artichoke Roots	50	about 8 to 10 bus.	\$0 50	peck, \$1 50 bu.
Asparagus Roots	--	about 8,000		
Barley	48	1 1/4 to 1 1/2 bus.	25	" "
Beans, Navy	60	1 1/2 " 2 "	75	" " 2 80 "
Field	60	1 1/2 " 2 "	75	" " "
Soja	60	20 " 30 lbs.	90	" " 3 00 "
Broom Corn Seed	48	2 " 4 qts.	50	" " 1 50 "
Buckwheat	52	1 " 1 1/4 bus.		
Canary Seed	60			
Cane Seed, for Sugar	50	4 " 8 lbs.		
Fodder	50	30 " 50 "		
Castor Beans	46	4 " 5 "		
Corn, Field	56	4 " 5 qts.		
Fodder, broadcast	56	2 bus.		
" drilled	56	1 "		
Sweet (measured)	--	6 " 8 qts.	60	" "
Pop. shelled	60	2 " 4 "		
Cow Peas (Southern Stock Peas)	60	1 1/2 " 2 bus.		
Flax	56	1 " 1 1/4 "		
Hemp	44			
Horse Radish Roots	--	about 12,000		
Kaffir Corn, in drills	50	3 to 5 lbs.	6c lb.	for small lots
broadcast	50	1/2 " 1 bus.		
Oats	32	1 1/2 " 2 "		
Onion Sets	32	6 " 10 "		
Tops	28	4 " 6 "		
Peas, Field	60	1 1/2 " 2 "	40c peck,	\$1 50 bu.
Peanuts	22	-2 bus. in pods	\$1 00	10 lbs.; \$2 00 bu.
Potatoes, Irish	60	10 to 12 bus.		
Sweet	50			
Pumpkin, Common Field	30	2 " 3 qts.		
Rape, Dwarf Essex	50	5 " 8 lbs.		
for Birds	50			
Rye	56	1 " 1 1/2 bus.	25c pec'.	
Sunflower	22	2 " 3 lbs.	60c	for 10 lbs.
Teosinte	--	4 " 6 "	75c per lb.;	10 lbs. \$7 00
Vetches or Tares (Spring and Winter)	60	1 " 1 1/2 bus.		
Wheat, Spring or Winter	60	1 1/4 " 1 1/2 "		

## CLOVERS

	Weight Per Bu.	Qty. for 1 acre		Postpaid	
		Lbs.	Lbs.	1 lb.	10 lbs.
Alfalfa, or Lucerne	60	20 to 30	\$0 30	\$1 50	
Alsike, or Swedish	60	8 " 10	35	2 00	
Bokhara	60	8 " 10	35	2 00	
Burr	16	12 " 16	25	1 25	
Crimson or Scarlet	60	8 " 10	25	1 25	
Espersette	32	20 " 30			
Honey, or Bee	--	8 " 10	40		
Mammoth, or Sapling	60	8 " 10	30	1 75	
Red	60	6 " 8	30	1 75	
White	60	5 " 6	50	3 50	

## GRASSES

Awnless Brome	14	28 to 42	\$0 35	\$2 25
Bermuda	40	2 " 3	1 00	8 50
Creeping Bent	14	15 " 20	35	2 25
English Perennial Rye	20	30 " 40	25	90
English Blue (Meadow Fescue)	14	20 " 30	35	2 00
Hungarian	48	25 " 35	20	50
Italian Rye	20	30 " 40	25	1 00
Johnson	25	25 " 30	25	1 25
Kentucky Blue, for Pasture	14	20 " 25	25	1 00
" " " Lawns	14	40 " 50	25	1 10
" " " " 1 lb. for 300 sq. ft.				
Mixture for Permanent Pastures	14	30 " 40		
Orchard or Rough Cock's Foot	14	12 " 15	30	1 75
P. S. Co.'s Evergreen Lawn Grass Mixture	14	40 " 50	30	1 40
" " " " 1 lb. for 300 sq. ft.				
" " " " 3 lb. " 1,000				
Red Top, in Chaff	14	15 " 20	25	80
Solid Seed	6	" 10	35	2 00
Rescue	14	20 " 30	25	1 50
Tall Meadow Oat	12	20 " 30	30	1 80
Timothy	45	10 " 12	25	1 00

## MILLETS

Cat-Tail (Pearl)	--	8 to 10	\$0 25	\$1 00
Common	50	25 " 35	20	70
German or Golden	50	25 " 35	25	80
Siberian	50	6 " 8		

# GRASSES

PRICES ARE ON PAGE 90

We sell 20 lbs. at the 100-lb. rate.

Two-bushel Cotton Seamless Sacks, 15c each, extra, on each lot of seed:

We have always been large handlers of all Grass and Clover seeds, buying direct in the country, either from the farmer or local shipper, and also from commission merchants in our own city who receive consignments. When these lots come in they are in all sorts of conditions so far as their grade or quality is concerned, and it is our work to sort them and make up different grades to sell. There are not many farmers who would be willing to use much of the seed as it comes from the country, and to clean the seed properly and make it fit for sowing, we have quite an investment in cleaning machinery. With such staples as Red Clover, Alfalfa, Timothy and Millets, there are usually several grades, and we are prepared at all times to meet the demands of buyers for any quality they wish to purchase. Of other articles we usually carry but one grade, or two at the most, and these are of the *best*.

All of these articles are governed in value by regular market quotations, and their values are subject to frequent changes, quite as much so as wheat and corn, and for this reason it is impossible for us to quote prices here which will hold good for the season. We give, therefore, approximate values for *to-day* only, and would suggest that everyone wishing to buy 100 pounds of seed, or more, always ask the price by letter, and in making the inquiry, always state quantity of each article needed.

In the last year or so there has been a steadily increasing demand for very high grades of both Timothy and Red Clover. We usually have limited quantities of such in stock and will always be glad to quote.

## Bermuda Grass (*Cynodon dactylon*)

Used extensively in the South for lawns, where Kentucky Blue Grass, and other lawn grasses cannot be successfully grown. But it is not desirable for lawns except in the South, as it is affected by the first spell of cold weather and does not become green until late in the spring. In some southern States, where it often turns brown in winter, if English Rye Grass is sown **every** fall, raked or harrowed into the Bermuda Grass sod, a green lawn can be maintained all winter long.

For hay or pasture it matures, and the first cutting can ordinarily be made, in June.

For binding banks of creeks, dams, etc., or any loose or sandy soils, it is perfectly adapted.

**Sow seed in the spring**, as it will germinate best in warm weather.

## Italian Rye Grass (*Lolium Italicum*)

Though lasting two or three years under very favorable circumstances, it is practically an annual. Like the Perennial Rye Grass, it is a remarkably rapid grower, and has, in addition, the advantage of standing extremes of temperature, remaining green throughout the winter, and retaining its freshness in the hottest summer months and during prolonged droughts. When sown very thickly, or in mixture with other sorts, it makes a good, dense turf, and it has been used with much satisfaction on lawns as far south as Louisiana. On rich, moist soils it is exceedingly productive, yielding an abundant cutting in four or five weeks after sowing, and every six weeks after that until late in the fall. For temporary meadows, on soils that are neither too stiff nor too dry, it is one of our most valuable grasses. Height,  $1\frac{1}{2}$  to  $2\frac{1}{2}$  feet.

## Kentucky Blue Grass (*Poa pratensis*)

Also called June Grass and Spear Grass

It is most valuable as a lawn grass, but we advise sowing a lawn grass mixture such as P. S. Co.'s on page 4, because it contains some Kentucky Blue Grass and White Clover **and other lawn grasses** in proper proportions to make a lawn that is not so easily affected by drought and heat, and is more permanent in winter weather. Kentucky Blue Grass forms excellent pasturage for all kinds of stock and in the South furnishes nourishing stock food all winter long. It also makes good hay, but the yield is not large. Perennial; flowers in June; height, 10 to 15 inches. Sow in October or spring.

## Grasses—Continued

### **Awnless, or Smooth Brome Grass** (*Bromus inermis*)

An erect perennial, 3 to 5 feet high, native of Hungary, where it is considered one of the best hay grasses, yielding a good return in the arid and silicious soil. The nutritive quality of its hay, however, is much inferior to that of our standard native sorts, so that we should recommend it only for dry, arid soils, where the better and more delicate grasses would not grow. It has been found to do well in the semi-arid regions of the West and Northwest, on account of its remarkable drought-resisting powers, while its extreme hardness recommends it for the colder sections of Canada. It is strongly stoloniferous, its creeping root stocks spreading rapidly under ground and giving out new plants. It is on this account undesirable for temporary meadows, being difficult to eradicate when once established.

### **English Perennial Rye Grass** (*Lolium perenne*)

This grass is of as great value to Great Britain as Timothy is to this country. It does not succeed in dry ground or places subject to droughts, but in other places it is **invaluable for permanent pasture**, for hay, if cut when in blossom, and for lawn mixtures in our country. Height, 15 to 24 inches.

### **Johnson Grass** (*Sorghum halapense*)

Extensively grown in the southern States, where during the hottest and driest months it yields **large crops of hay**. When once established it is hard to eradicate, so do not sow it unless it is to remain as a permanent meadow. To keep it within bounds, and to have it at the times its value for hay is greatest, cut it before the seed tops emerge from the sheaves. Perennial, and a very rapid grower.

Sow from August to October or in spring.

### **Meadow Fescue** (*Festuca pratensis*)

#### **English Blue Grass, or Sweet Grass**

Valuable for permanent pasture. It is highly nutritious and greedily eaten by all kinds of stock; it is very fattening. Makes excellent hay and succeeds in almost all soils, but does best in moist places. Is one of the earliest in spring and remains green the longest in fall. Perennial; flowers in June or July. Height, 18 to 24 inches.

### **Orchard Grass** (*Dactylis glomerata*)

#### **Rough Cock's Foot**

A rather coarse perennial grass that forms dense tufts; flourishes best in the shade, making it just the grass for orchards. It is relished by all live stock and is very quick to recover from close cropping. If grown for hay it must be cut very early. Sow it very evenly and with some other grass, but not Timothy. Flowers in June; height,  $2\frac{1}{2}$  feet.

### **Red Top** (*Agrostis vulgaris*)

#### **Called Herd's Grass in the South**

It will grow anywhere, but makes its best growth in moist, rich soil. Valuable for both hay and permanent pasture, but should be fed close if used for pasture, as cattle refuse it if allowed to run to seed. Flowers in July; height, 1 to 2 feet.

### **Tall Meadow Oat Grass** (*Avena elatior*)

Most valuable for pastures on account of its early and luxuriant growth; it produces an abundant supply of foliage, which is relished by cattle, early and late. For hay it may be cut twice a year, and for green soiling it may be cut four or five times in favorable seasons. It is very hardy, and withstands extreme drought and heat and cold. It is very valuable for our southern States, where it is extensively cultivated for winter grazing and for hay. Height, 2 to 4 feet.

### **Timothy** (*Phleum pratense*)

#### **Called Herd's Grass in the North**

The best of all grasses for hay. Is occasionally used for temporary pasture, but there are so many other kinds better suited, that it should be grown for hay only. It yields fair crops even on light soils. It should be cut when in blossom, in June or July. Sow it in the fall.



# CLOVERS

Read Remarks under heading of GRASSES

**Cotton Seamless Sacks**, for shipping seed in, are always charged **15c extra**. If it is not included in the remittance, we deduct it and ship seed to the value of amount remitted.

PRICES ARE ON PAGE 90

## Alfalfa, or Lucerne (*Medicago sativa*)

The most wonderful forage plant of the age

Gives three to five crops of hay a year, and on rich land containing lime will give more than five cuttings. When fully established it yields as much as 8 to 12, and sometimes 16, tons of cured hay per acre. It is a perennial and irrigated fields forty years old are known to still be furnishing immense crops. In Louisiana it has been made to produce green food every day in the year, and there is scarcely a State in the Union in which it cannot be successfully grown. Its great ability to stand heat and drought is due to the long tap-root which extends from 5 to 10 feet into the ground.

Loose, sandy loam soils, rich, particularly in lime, phosphoric acid and potash, are most suitable for Alfalfa, but it will grow anywhere if it has **good drainage**.

After the first year it is used for pasturage under certain conditions, particularly for hogs. Its chief value is for hay and for feeding green. It is also valuable as a soil enricher, as it furnishes nitrogen. From an analysis of the hay it proves to be richer than Red Clover.

If the hay is cut before the plant blooms, it will be more nutritious, though smaller in quantity, than if cut later. In sowing Alfalfa the land should be free of weeds. Drilling in seed is the most economical, and a better stand results.

## Alsike, or Swedish (*Trifolium hybridum*)

A very hardy variety that succeeds on any kind of soil and resists extremes of heat and drought. It is usually planted in mixture with grasses for pasturage and for hay; especially with Timothy. It is good bee food. When once established, it yields enormously and can be cut several times during the season. Where Red Clover will not grow Alsike frequently yields heavy crops for feeding green, pasture or hay.

## Bokhara (*Melilotus alba*)

Valuable for soiling; good for ensilage and bees. From 3 to 6 feet in height.

## Crimson or Scarlet

(*Trifolium incarnatum*)

Extensively cultivated in some sections for pasturing, hay, as a fertilizer, and for seed.

## Burr

(*Spotted Medick, or Yellow Clover*)

Fodder plant of creeping habit; flourishes in dry soil.

## Honey, or Bee

(*Melilotus coeruleus*)

The best clover to grow for bee pasture.

## Mammoth, or Sapling (*Perennial Red Clover, or Cow Grass*)

Grows much larger, is later and lasts longer than the common Red Clover. It is most valuable for plowing under, as live stock will eat the leaves only. Very valuable for reclaiming exhausted lands.

## Red (*Trifolium pratense*)

For practical purposes this is the most important and widely cultivated of the pastoral plants. One of the best of vegetable fertilizers, and its value for cattle is known to every farmer.

It does best on stiff loams and is fond of lime.

## White (*Trifolium repens*)

A small creeping perennial variety, valuable for pastures and lawns; its flowers are well liked by bees. Flourishes in a variety of soils, but prefers moist ground. It should be included in mixtures for permanent pastures and for lawns. It is effective in preventing the soil from being washed by heavy rains.

Higher-priced and PURE grades of grass or field seeds sow a larger area than cheap and poorer grades. It costs vastly more to eradicate the weeds than the few cents extra paid for seeds that are PURE and SURE.

# MILLETS

The several varieties will furnish food for live stock in the form of grain or seed, fodder, soil food or pasture. Especially valuable in seasons when the hay crop is short. They make the best hay if cut when in blossom and carefully cured.

## Common (*Panicum Miliaceum*)

Requires a dry, light, rich soil, and grows 2½ to 4 feet high, with a fine bulk of straw and leaves, and is excellent forage.

## German, or Golden (*Panicum Miliaceum Aureum*)

It is usually given preference by those who use Millets over the common variety and Hungarian. It is a strong grower and will yield enormous crops of the finest hay, and should be cut before the seeds will harden. Can be sown late after some early crop, and if sown early will mature in time for the ground to be plowed for wheat, and it leaves the ground in fine shape for this purpose. For hay, sow from May to August 1st. For grain, sow in drills not later than June 20th.

## Hungarian (*Panicum Germanicum*)

Commonly called **Hungarian Grass**. A quick growing, valuable forage plant. May be sown at any time during the summer up to the middle of August. It has a long, slender head, and is darker in color than the German.

## Cat Tail, or Pearl (*Pennisetum spicatum*)

Does not at all resemble the ordinary variety of Millet. It is of tall growth and yields a large crop of fodder. It is highly recommended by the U. S. Department of Agriculture, especially for the South. No other crop yields so much forage as this when sown on richly-manured ground.

## GRASS SEED FOR LAWNS

(See pages 4 and 5)

All the books listed on page 43 contain valuable information and instructions written by thoroughly practical and experienced men. One of the most complete and up-to-date is Shaw's "Forage Crops," price \$1.00, post-paid.

# Forage and Miscellaneous Farm Seeds

Postage is included only in the price for 1 lb. or 1 quart. Many of these seeds are subject to change in price.

## Field Beans

**DWARF WHITE NAVY, CHOICE**—A standard sort for field culture. Seed white, nearly round. Very productive.

Peck, 75c; quart, 30c; postpaid.

**DWARF RED KIDNEY**—The commercial variety. Beans large, flat, kidney-shaped.

Peck, \$1.00; bushel, \$3.50; 1 quart, 30c; postpaid.

**DWARF WHITE KIDNEY**—Well known, can be used green or dry.

Peck, \$1.00; bushel, \$3.50; 1 quart, 30c; postpaid.

## Broom Corn

P. S. Co. will sell Broom Corn Seed only by sample, and will not guarantee variety, and under no circumstances will we be responsible for the crop. Sample upon application.

Requires similar soil and culture to corn, but should be planted later. It is frequently planted in drills three and a half feet apart, leaving the plant six inches apart. Two to four quarts is sufficient to plant one acre.

**STANDARD EVERGREEN**—Grows about eight to ten feet high, stands up well, and is entirely free from crooked brush. The fiber is long and fine. It will not get red in the field before it is cut, but is strictly a green variety of brush.

Per peck, 60c; bushel (48 pounds), \$1.50; 1 pound, 20c; postpaid.

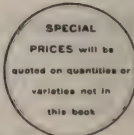
"**Broom Corn and Brooms**"—A treatise on raising broom corn and making brooms on a small or large scale. Illustrated. Cloth, 60c; postpaid.

## Buckwheat

**COMMON**—The old well-known sort. Market price.

**SILVER HULLED**—Per peck, 60c; bushel (52 pounds), \$2.25.

**EARLY JAPANESE**—Per peck, 60c; bushel (52 pounds), \$2.00.



## Forage and Miscellaneous Farm Seeds—Continued

### Soja or Soy Beans

Like Cow Peas, they are grown for the grain, for soiling food, for ensilage, for pasture and for green manure. Their greatest value, however, will be found in furnishing food for dairy cows, as they are in the proper condition for being thus fed at that season of the year when but few plants are available for such use.

Peck, 90c; bushel, \$3.00.

### Dwarf Essex Rape

**An ideal food for sheep; also of great value for cattle and swine pasturing**

Under favorable conditions Rape is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average, one acre will carry twelve to fifteen sheep six to eight weeks.

In the **Northern States** it should be sown from May to end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the **Southern States** until September or October for winter pasture.

Its fattening properties are probably twice as good as those of clover, and for sheep the feeding value of **Rape** excels all other plants we know of.

Sheep can be pastured on it until snow covers it up.

There are several varieties of Rape, but the **true Dwarf Essex**, or English, as it is sometimes called, is the most widely cultivated.

To say that Rape is revolutionizing the sheep industry is putting the case none too strong. With its additional merit of enriching the soil with a wealth of nitrogen, possessed by few other plants, this is proving to be a bonanza for the up-to-date farmer.

10 lbs., 75c; 100 lbs., \$6.00; 1 lb., 25c; postpaid.

☞ One of our customers in Posey, Ill., sowed about four acres in Dwarf Essex Rape early last spring. It stayed green and made a good growth all during the extremely hot, dry summer weather that this section experienced. He fed sheep, hogs and cattle on it and when eaten off it would take from ten days to two weeks to make a new growth. This process was kept in operation until the freeze of Dec. 14th, which killed the plants.

Everyone in that neighborhood will sow Dwarf Essex Rape this spring, and we are almost inclined to say "GO THOU AND DO LIKEWISE."

### COW PEAS—Southern Stock Peas

Write for prices

Every year we receive letters of inquiry from parties wishing to know about them, their value and how to use them. They are too well known in the South to need any description and have been used to such an extent in sections close to us and further north that their adaptability to these latitudes is past the experimental stage. They are usually compared with Clover. Their feeding value is about equal and many will claim it is superior, and their fertilizing value for land is about the same as Clover. They can be sown from corn planting time in the spring to Sept. 1st. It takes  $1\frac{1}{2}$  to 2 bushels for an acre. There are a large number of varieties but we list only a few and these are the most popular for this section. The crop is much below an average yield this year, and in consequence values will be high.

**WHIPPOORWILL**—The favorite early bunch-growing variety, has brown speckled seeds.

**CLAYS**—A favorite with some for hay. Makes a heavy growth of vine and is late in maturing.

**BLACK**—Seed black; will make an enormous growth of vine in a short time. Equal to either of the above in feeding value and is possibly the best variety for poor soils.

**BLACK-EYE**—Seed large, round, oblong, creamy white with black eye.

**MIXED**—We always have a supply of mixed varieties. Usually a little lower in price because of this, and equally valuable for soiling.

**On Page 90  
will be found  
a Seed Table  
showing the  
weight per  
bushel and  
quantity to  
sow per acre  
of all  
Farm Seeds**

## Forage and Miscellaneous Farm Seeds—Continued

### CANE—Sorghum Seed

Plant Seed Co. will sell Cane Seed only by sample, and will not guarantee variety, and under no circumstances will be responsible for the crop. Samples and prices for large quantities upon application.

#### For Syrup

Sow four to eight pounds to the acre to grow for syrup.

**EARLY AMBER**—This variety is the earliest and makes the finest quality amber syrup and good sugar.

Peck, 70c; bushel (50 lbs.), \$2.50; 1 lb., 20c, postpaid.

**EARLY ORANGE**—A variety, well adapted for the South; it is from eight to ten days later than the Early Amber; produces a syrup of excellent quality.

Peck, 70c; bushel (50 lbs.), \$2.50; 1 lb., 20c, postpaid.

#### For Fodder

Sow about forty to fifty pounds broadcast to the acre.

**MIXED CANE** — Per peck, 60c; bushel, \$2.00.

### Non-Saccharine Sorghums

These varieties stand dry weather well. Where 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 yield. Their cultivation is as simple as that of corn.

**KAFFIR CORN, WHITE** — Per peck, 70c; bushel, \$2.25; 1 pound, 20c, postpaid.

**KAFFIR CORN, RED**—Peck, 70c, bushel, \$2.25; 1 pound, 20c, postpaid.

Special prices for quantities of 400 to 1,000 or more pounds.

### Peanuts

Peanuts yield largely and are a paying crop. Planted in April, they ripen in August, and planted as late as July 1st, they will mature full crops before frost.

**RED, WHITE AND SPANISH**—10 pounds, \$1.00; 1 pound, 25c, postpaid.

### Sunflower

**LARGE RUSSIAN**—10 lbs., 60c; 1 lb., 20c, postpaid.

The Sunflower Seeds are superior food for poultry (said to improve the meat). The plant affords efficient protection from malaria, and should be liberally planted in hedges about the house in all districts where this insidious disease prevails.

### Teosinte

Recommended as the most prolific forage plant yet introduced. 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 three feet apart, and two or three seeds every twelve inches in drill.

1 pound, 85c, postpaid; 5 lbs. for \$3.50.

### Winter or Hairy Vetch

(VICIA VILLOSA)

Though it succeeds and produces good crops on poor, sandy soils, it is much more vigorous on good land and grows to a height of four to five feet. It is perfectly hardy throughout the United States, remaining green all winter and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in spring, with Oats or Barley. It is the earliest crop for cutting, being nearly a month earlier than Scarlet Clover, and a full crop can be taken off the land in time for planting spring crops.

Write for price per bushel. 1 lb., 25c, postpaid.

Seed Oats—Market Price

Seed Barley—Market Price

Seed Spring Wheat—Market Price

Seed Rye—Market Price

#### Prices Given Upon Application

### Winter Wheat

We expect to have a full stock of the leading varieties of Seed Winter Wheat for fall sowing in due season. Our Seed Wheat circular will contain full description and prices of all the different varieties we will have for sale. Ready about first week in September, and will be mailed free to all applicants.

### SEED OATS

#### NORTHERN WHITE STAR

This is the grandest white Oat we have ever offered for sale.

It is a heavy yielder; strong, straight straw, stands well, grain snow white color, very heavy.

Bushel (32 lbs.), \$1.00.

#### BLACK DIAMOND

This wonderful variety is the heaviest and handsomest Oat that we have ever handled. The grain is heavy, plump, and jet black color. Very productive, stools heavy, stands well and succeeds in a wide range of country.

Under ordinary conditions yields 60 to 80 bushels per acre.

Bushel (32 lbs.), \$1.00.

(10-bushel lots at 90c per bushel, bags included.)

# POULTRY SUPPLIES

Express or Freight Charges always to be paid by the purchaser

## Rust's Egg Producer

This preparation supplies just what nature needs for producing Eggs, Plumage, Growth and Development, and in the exact proportions required. It imparts vitality, so that the eggs surely hatch and produce strong, lively chicks. Two cents a month is all it costs to feed a hen Rust's Egg Producer.

1-lb. pkg., 25c; 2½-lb. pkg., 50c; 6-lb. pkg., \$1.00; 10-lb., \$1.50.

If wanted to be sent by mail, add 16 cents per pound to prepay postage.



**RUST'S HAVENS' CLIMAX CONDITION POWDER**—The only positive preventive and cure for Gapes and Poultry Cholera. All who have used Havens' Climax Condition Powder once will have it again. Price, 14-oz. pkg., 25c; if by mail, 40c; 32-oz., 50c; if by mail, 85c. Five-pound box, \$1.00 (equal to six 25c packages), express charges to be paid by the purchaser.

**HAVENS' ROUP PILLS**—For the cure of Roup, Catarrh, Cold and Distemper. Price, box, 25c.

**LIQUID LICE KILLER**—The greatest enemies of poultry-raisers are lice and mites. To surely rid fowls of these and to make them perfectly lice-proof, sprinkle them with this Lice Killer.

It is easily applied, thoroughly effective and economical.

1-quart can, 35c; ½ gallon, 60c; 1 gallon, \$1.00; 5 gallons, \$4.00.

It cannot be sent by mail.



## Poultry Book

With every order for \$2.00 worth of the above Poultry Supplies we will send our book "500 Questions and Answers on Poultry-Raising." It costs 25c, postpaid, if ordered separately.

All poultry-raisers who are in the business of raising poultry and eggs for the market should have our "Book on Poultry."

☞ We handle every grain fed in the poultry yard—including Wheat, Barley, Buckwheat, Millet, Cracked Corn, Chicken Scratch, etc.

**CRUSHED OYSTER SHELLS, FOR FOWLS**—Prepared from oyster shells, thoroughly washed, dried and made sweet.

Price, 10 lbs., 25c; 25 lbs., 40c; 50 lbs., 65c; 100 lbs., 75c.

**MICA CRYSTAL GRIT, FOR POULTRY**—Contains 60 per cent white quartz, 18 per cent aluminum, 12 per cent iron, 10 per cent magnesium. The best grit in the market. Claimed to be better than Crushed Oyster Shells.

Prices: Medium size, per 10 lbs., 25c; 25 lbs., 40c; 100 lbs., 85c.

Chick size, per 10 lbs., 30c; 25 lbs., 45c; 100 lbs., \$1.00.

**BONE FLOUR, FOR CHICKENS, ETC.**—Made from carefully selected bone ground to a flour, making a sweet, stimulating and highly nutritious food, which fowls and pigs eat greedily.

Per 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25.

**CRACKED BONE, FOR FOWLS**—Made from white selected bone, and reduced to about the fineness of cracked corn.

Per 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25.

☞ We will quote by letter special prices on round lots, if will indicate quantity wanted.

We handle several kinds of Insecticides and Fungicides, Sprayers, etc., etc. Let us hear from you whenever you want anything that you do not find cataloged.

**CHAMBERLAIN'S PERFECT CHICK FEED**—Will raise every one of your little chicks. Saves time and trouble. Makes them grow quick and keeps them healthy. Dry and always ready for use. Little goes a long way.

100-lb. sack, \$2.50.

**CHAMBERLAIN'S PERFECT HEN FEED**—Will make your hens lay.

100-lb. sack, \$2.00.

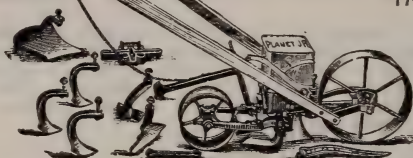
# TOOLS FOR YOUR GARDEN

We can furnish anything, from a small "Firefly" garden plow to a four-row sugar beet horse hoe, but include on these two pages only **tools that we carry in stock.** Others we will ship direct from the factory, which only takes a few days longer.

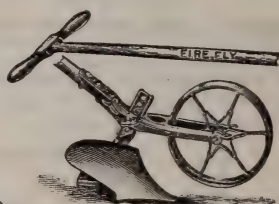
**WE PAY THE FREIGHT CHARGES** on all "Planet Jr." goods priced here.



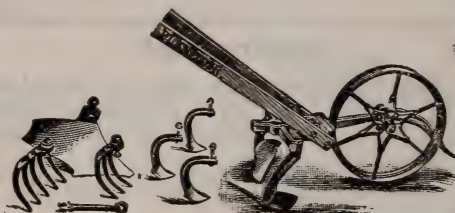
17—\$4.25



4—\$9.50



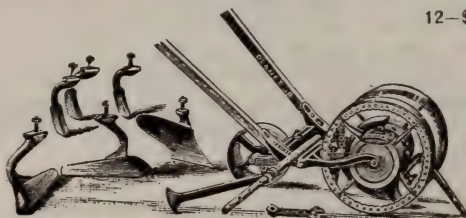
FIREFLY PLOW, \$2.25



16—\$5.00

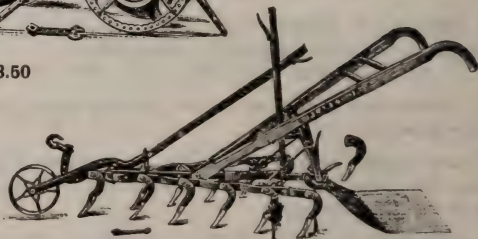


12—\$6.00



1—\$8.50

Twelve-tooth Harrow and Cultivator, \$7.50.



If in need of anything not listed here, and for full descriptions and illustrations of all implements, send for our

## CATALOG OF "PLANET JR." GOODS

It is an attractive book and costs you nothing. Anyone interested in up-to-date Tools that are labor-savers, should get it.

# FARM and GARDEN TOOLS

We deliver free of charge to your railroad station all Planet Jr. Implements at these prices

## No. 1

Combined Drill Seeder and Wheel Hoe, Cultivator and Plow. (Illustrated.) Price, \$8.50.

## No. 2

### Drill Seeder

Same construction as No. 1 as a seeder, but is larger. \$6.50.

## No. 4

Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow. (Illustrated.) Complete, \$9.50.

As a Drill only, \$7.50.

## No. 12

Double Wheel Hoe, Cultivator and Plow. (Illustrated.) Rakes can be supplied for this implement at an extra charge. \$6.00.

## No. 13

Double Wheel Hoe. This has 6-inch hoes only, these being the tools that are most generally useful. Any or all of the extras, as illustrated with the No. 12, can be added at any time, and are sure to fit. \$4.00.

## No. 16

Single Wheel Hoe, Cultivator, Rake and Plow. (Illustrated.) \$5.00.

## No. 17

Single Wheel Hoe, Cultivator and Plow. Same as No. 16, but without rakes and leaf guard. \$4.25.

## No. 18

Single Wheel Hoe. Same as No. 17, but has one pair of 6-inch hoes only. Others can be added as needed. \$2.75.

## BARGAINS IN HORSE HOES

We have a few each of Nos. 7, 8 and 9, which we will sell at reduced prices to close out. They are patterns of three and four years ago and slightly shop-worn.

Will quote Special Prices by letter upon receiving inquiry.

No. 8 Horse Hoe, Cultivator, Lever, Expander and Depth Regulator, with Lever Wheel. Weight, 80 pounds.

Probably no other cultivating machine is so widely known as the "Planet, Jr." No. 8 Horse Hoe and Cultivator. It is built to stand incredible strain, yet it is light and easily handled. Every part of the tool is perfected to make it valuable to the intelligent farmer, who knows the best is always the cheapest.

No. 7 Horse Hoe, Cultivator, Lever Expander, with Lever Wheel, but without Depth Regulator. Weight, 75 pounds.

No. 9 Horse Hoe and Cultivator, Lever Expander, Plain Wheel, without Depth Regulator.

## Planet Jr. 12-Tooth Harrow and Cultivator

(Illustrated.)

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has high frame, and the chisel-shaped teeth cut an inch wide each. It may be set with teeth trailing. Hand levers regulate width and depth while in motion, and the pulverizer prepares the ground capably for the Seed Drill or for plant setting, and controls both the width and depth of the rear teeth while in motion. It contracts to 12 inches and expands to 32 inches. Cultivates without throwing earth upon plants, and the smooth, round-throated teeth turn strawberry runners without injuring them.

The Planet Jr. 12-Tooth Harrow, with Expander, Lever Wheel and Pulverizing Attachment, complete.....	\$7 50
Without Pulverizer.....	6 00
Plain, no Pulverizer and no Wheel.....	5 00

## Miscellaneous

Cahoon's Broadcast Hand Seed Sower. Circular sent with each machine. Price, boxed.....	\$3 00
Hazeltine's Hand Weeder. A practical Weeder for all purposes. Price, 25c.....	30
Olmstead's Reliable Mole Trap. Very useful, simple in construction and handling.....	1 25

## The "FIRE-FLY"

Garden Plow, \$2.25.

This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. Chicken-raisers will find it very useful in plowing up the scratching yards. It can be regulated to plow any depth.

(Illustrated.)

NOTE.—Don't hesitate to write us if there is anything at all that you need for your farm or garden. We can procure for you almost anything that is listed by others, so that it is not necessary for you to go elsewhere just because you do not find the particular article listed in this catalog.



## Beautiful Summer

### TUBEROSES

To obtain flowers early, plant them in pots and keep in a warm place in the house; when warm weather comes, transplant to the garden.

#### Dwarf Double Pearl

The flowers are large, full double, extremely sweet, and of a pure pearly whiteness in color. Invaluable for bouquets, and is too well known to need any description. Flowers nearly twice the size of the old double sort and plants about half the height.

**Extra Size Bulbs**—Three for 15c; per dozen, 45c; postpaid, 100 for \$2.00.

#### ELEPHANT EARS (CALADIUM ESCULENTUM)

Roots obtained in the spring will make good plants in the summer, and in the fall they should be taken up and stored in the cellar. Leaves three feet or more in length, nearly as broad. There is nothing as good as the Caladium Esculentum for a grand bed of foliage in the garden or in the lawn. It is a grand, tropical-looking plant of great beauty and very showy.

**Large Roots**—Each, 25c; dozen, \$2.50.

**Extra Large**—Each, 50c; dozen, 5.00.  
Postpaid.

We have none of the "small size" that is ordinarily sent out on mail orders.

#### MADEIRA VINE—ROOTS

A beautiful climber, with thick, glossy, light green, almost transparent leaves, and climbing twenty feet or more. The flowers are white, small, in long racemes. Plant in a sunny situation.

½ lb., 15c; 1 lb., 30c; postpaid.  
Per single tuber, 5c.

"Bulb - Culture" gives complete instructions for planting and caring for bulbs, and tells what are the best varieties. 25c, postpaid.

### GLADIOLI

The Gladiolus is one of the most beautiful summer-flowering bulbs, and is of easiest culture. The spikes of brilliant flowers attain a height of about two feet. The color range is rich and varied, including all the fiery tints. For cutting they are invaluable, the flowers lasting in water a week; by successive planting every two weeks they can be had in flower from July to late fall.

	Three	Dozen
White and Light Varieties, Mixed .....	\$0 20	\$0 70
Striped and Variegated Varieties, Mixed .....	20	70
Pink Varieties, Mixed .....	20	70
Red and Scarlet Varieties, Mixed .....	15	50
Yellow Varieties, Mixed .....	20	70
Scarlet and Pink with White Throats .....	20	70
Lemoine's Butterfly Varieties .....	20	70
All Colors, Mixed. Per 100, \$1 50 .....	10	35

Send us your name now, if you want to receive our Fall Bulb Catalog next September.





# Flowering Bulbs

## CANNAS

### EVER-BLOOMING VARIETIES

Where the brightest and most beautiful effects are desired in bedding, the Canna is unequalled. Recent years have brought this race of plants into a wonderful state of perfection; their great merit lies in the large size and brilliant hues of the flowers.

We cannot say too much in their praise, and no flower garden should be without them.

Price of all the following varieties.

Each, 15c; per dozen, \$1.25; postpaid.

*Austria*, pure canary yellow, fine, large; *Alphonse Bouvier*, tall crimson, very floriferous; *Chas. Henderson*, rich crimson, compact; *Florence Vaughan*, yellow, spotted red; *Italia*, orange scarlet, golden border, tall; *Madame Crozy*, crimson scarlet, bordered yellow; *Paul Marquant*, peculiar shade of salmon; *Queen Charlotte*, scarlet crimson, canary yellow bordered. *Mixed*; all the above colors.

For Canna Plants, See Yellow Pages

## DAHLIAS

### Large-Flowering Named Varieties

By many considered the grandest Autumn Flower. Need not be planted before May, or even later. Cover the neck three inches, and if too many shoots start, thin them out; it strengthens the others.

**Large Double** — Assorted varieties, all separately labeled.

Each, 20c; 3 for 50c; per dozen, \$1.75; postpaid.

## DOUBLE CHINESE PAEONIES

Magnificent hardy herbaceous plants; they thrive in almost any soil or situation. They are perfectly hardy, require little or no care, and produce larger and finer blooms when well established.

### Red, Pink and White

Separate or mixed.

Each, 30c; per dozen, \$2.75; postpaid.

## JAPANESE LILIES

The most desirable of all lilies for general cultivation. They are **hardy**, needing very little protection, and will grow and flower without any special treatment.

**Japonicum Rubrum**—Red spotted Japan Lily, strong flowering bulbs.

Each, 25c; per dozen, \$2.50; postpaid.

**Japonicum Album**—White spotted Japan Lily, strong flowering bulbs.

Each, 20c; per dozen, \$2.25; postpaid.

**Auratum** (The Golden Banded Lily of Japan). Immense white flowers, each petal marked with a wide gold band and spotted with maroon; very free-blooming. It is considered by many the finest of them all. Strong flowering bulbs.

Each, 25c; per dozen, \$2.50; postpaid.

## CINNAMON VINE *Dioscorea* Batatas

Beautiful summer climber; glossy foliage and fragrant flowers; stem dies down in winter, but the root is hardy, and best results are attained the second year.

**Large Selected Roots**—10c each; 3 for 20c; per dozen, 60c; postpaid.

**POSTAGE ON BULBS** is included in the price for one dozen or less.





ALL FLOWER SEEDS ARE DELIVERED FREE to any address in the United States, Canada or Mexico

For the convenience of our customers and to facilitate the filling of orders, we use a system of numbering. In ordering Flower Seeds, **put down the numbers**, even if you do not mention the name; it will save both you and ourselves time and misunderstandings.

—UNLIKE MANY OTHER SEEDSMEN—

**WE ARE SPECIALISTS IN FLOWER SEEDS EXCLUSIVELY**

We concentrate energies and attention, and devote much time and capital to this branch of the business. This enables us to give you better quality, better prices and better satisfaction than those who endeavor to carry *everything*—miscellaneous garden requisites, etc., that in themselves almost constitute separate businesses, such as rubber goods, hardware, pottery, farm implements, fertilizers, etc., etc.

You should buy all these things from those who make them "specialties" or manufacture them, and go to a *SEED house for your seeds*.

As our Flower Seeds come to us direct from the grower who has raised the plants that produced the seed, there is no middleman's profit to pay.

—WE CAN FURNISH—

**"EVERYTHING IN SEEDS"**

If you do not find what you want in the book, WRITE US

**A FEW STANDARD BOOKS ON FLOWERS, ETC.**

Prices Include Postage

Bulb Culture—Henderson-----	\$0.25	Floriculture, Practical—Henderson-	1.50
Chrysanthemums, How to Grow----	.25	Gardening For Pleasure—Hender-	
Dahlia, The—L. R. Peacock -----	.30	son-----	1.50
Flowers, How to Grow Them—Rex-		Sweet Peas, All About—Hutchins--	.20
ford-----	.50	Sweet Peas, Up-to-date—Hutchins--	.10
Flower Garden, The Beautiful—		Window Flower Garden—Hein-	
Matthews-----	.40	rich-----	.50

OTHER BOOKS LISTED ON PAGE 43.

**\$1<sup>25</sup>.....WORTH FOR.....\$1<sup>00</sup>**  
 Packets and 1-Ounce Packages Only

25c worth of Seeds extra is allowed on each dollar sent us for Seeds by the Packet and Ounce, excepting on special collections and Flower Seeds priced at more than 50c an ounce. Thus:

Purchaser remitting \$1.00 may select Packets and Ounces amounting to	\$1.25
" "	\$2.00
" "	\$3.00
" "	\$2.50
" "	\$3.75

And larger orders in proportion.

We wish it distinctly understood that the discount allowed (20 per cent) is only for seeds in Packets and Ounces, and not for seeds by weight above an ounce, nor for seeds by measure

# ANNUALS, BIENNIALS, PERENNIALS AND GREENHOUSE SEEDS

This season we have arranged all our Flower Seeds, of the above kinds, on the following pages in alphabetical order. Climbing Vines are in alphabetical order on pages 124 and 125, and Ornamental Grasses and Everlastings on the page preceding them.

**NOVELTIES AND SPECIALTIES**, not priced in this regular list, will be found on the yellow specialty pages in front.

## ALWAYS ORDER FLOWER SEEDS BY THEIR NUMBER

The numbers start here at 500 and run straight through in regular order to the end of the list, number 1510. We have worked out this system, so that whether you know the name or the number of the flower it can be easily found.

Both the English and the Botanical names are listed in alphabetical order on page 127. This will tell you the number of any variety that we may happen to list elsewhere under a name you may not know it by.

### EXPLANATION OF THE SIGNS USED

**ANNUALS** are marked for hardy HA; these will bear a hard frost. Half-hardy annuals, HHA; these will bear but very little. Tender annuals, TA, will bear no frost at all.

**BIENNIALS**—The hardy, half-hardy and tender biennials require same treatment as annuals, and are marked respectively, HB, HHB and TB. Perennials, HP, HHP and TP.

G preceding any of these marks signifies it is a variety that requires indoor culture.



504—ADONIS AUTUMNALIS

**500—Abronia umbellata** (Sand Verbena). Beautiful trailers. Verbena-like heads. HA.

**502—Adiumia cirrhosa** (Mountain Fringe or Allegheny Vine). Properly classed as a climber. White and Pink. HB.

### ADONIS

**504—autumnalis** (Pheasant's Eye). Intense red, with black center. Very pretty. HA. Seeds are slow to germinate.

**506—vernalis** (Adonis Flower). Yellow. 1 foot. HP.

## FLOWER SEEDS

Are **50c** Per Packet

EXCEPT WHERE PRICED OTHERWISE

### AGERATUM

(FLOSS FLOWER)

One of the finest bedding plants that we have. It is a continual bloomer.

**510—Mexicanum, mixed.** 1½ feet. HHA. (See illustration.) They are also good bloomers in the house during winter.

**512—Agrostemma coeli-rosa** (Rose of Heaven). Fine for beds. Rose color. 1 foot. HA.



510—AGERATUM

SWEET

ALYSSUM



## SWEET ALYSSUM

Very pretty, sweet-smelling plants for edging and bouquets.

514—*maritimum*. The ordinary white; blooms all summer long. H.A. (See illustration.) Ounce, 20c.

516—*Little Gem*. Dwarf; the best for edging.

## AMARANTHUS

520—*caudatus* (Love Lies Bleeding).

522—*cruentus* (Prince's Feather).

524—*tri-color* (Joseph's Coat). Makes a very pleasing effect used the same as Coleus is. Keep it cut back to produce a symmetrical plant for edging.

526—*Choice Mixed*. Includes the above varieties and others.

Ounce, any variety, 20c.

FLOWER SEEDS **5c** PER PACKET, except  
are \_\_\_\_\_ where priced otherwise

## ASTERS

Our Aster seed is of German growth, and nowhere are finer strains or better Aster seeds grown than in Germany. The BEST Aster seed is not cheap. It does not hold its vitality longer than a year, so that it is necessary to secure our **New Crop seed each season.**

540—*Crown-Flowered, or Cocardeau, mixed*. White centers surrounded by scarlet, carmine, blue or other color. Packet, 10c.

542—*Daybreak*. Beautiful shell-pink color. A grand new variety of American origin. Especially fine for cutting. A most beautiful variety.



544—*Dwarf Chrysanthemum-flowered, mixed*. A profuse late flowering variety, growing only 12 inches high. All colors. (See illustration.) Packet, 10c.

546—*Dwarf Pyramidal Bouquet, mixed*. Plants loaded with the large double flowers, like a huge bouquet placed in the ground. Packet, 10c.

548—*Dwarf White Victoria*. One of the best half-dwarf varieties in existence. Good for pot culture. Packet, 10c.

550—*Double Rose-flowered, fine mixed*. Plants bear twenty or more flowers, making the appearance of an elegant pyramid. 1½ feet. All colors. Packet, 10c.

552—*GIANT COMET, WHITE*. Long, pure white, twisted petals; flowers very large and double. Packet, 10c.

### DWARF CHRYSANTHEMUM-FLOWERED

554—*GIANT COMET, MIXED*. (See illustration.) Little harder to raise than the others, but the extra care is fully paid for in the charming beauty of the flowering plants or single flowers which are as large and fine as Japanese Chrysanthemums. Packet, 10c.

556—*Pure White Mignon*. A fine variety for cut flowers. Packet, 10c.

558—*Semple's Branching, white*. Forms handsome bushes, covered with long-stemmed, large, beautiful flowers.

560—*Semple's Branching, mixed*. Fine for cutting. Tall, branching plants—taller than Truffaut's. The flowers are of very large size, borne on long stems.

562—*Triumph (Fire King)*. Dwarf plants. Flowers a rich and intensely brilliant pure scarlet changing to a satiny red. About 12 inches in height. Packet, 15c.

## Asters—Continued

**564—Truffaut's Paony-flowered, white.** Of erect growth. (See illustration.) Packet, 10c.

**566—Truffaut's Paony-flowered, mixed.** This is a magnificent race of Asters, and one of the most satisfactory for all purposes. Plants 20 inches in height; flowers extremely double and large; colors both brilliant and delicate. All colors. Packet, 10c; oz., \$2.00.

**568—White Branching.** The leading white variety for cut flowers. Packet, 10c.

**570—Victoria, mixed.** Flowers very large and perfectly double, of globular shape and beautifully imbricated. 1½ feet. Packet, 10c.



TRUFFAUTS

**572—Globe-flowered Double, mixed.** Large flowers, freely produced and of brilliant colors. Ounce, 35c.



COMET ASTER

**Our selection of the best four varieties of Asters—**  
Giant Comet, Mixed, 10c. Truffaut's P. Perfection, Mixed, 10c. Dwarf Chrysanthemum-flowered, Mixed, 10c. Semple's Branching, Mixed, 5c.

**One packet each of the above sorts, 25c.**

**590—Bartonia aurea.** Yellow; fragrant in the evening. HA.

**WE PAY THE  
POSTAGE ON  
FLOWER SEED**

## MANY FAILURES

In getting some varieties of Flower Seeds to grow well are due to the ignorance of proper planting of the seed. Brief planting directions for the finer Flower Seeds will be found on

PAGE 126

**FLOWER SEEDS 5c PER PACKET, except  
are \_\_\_\_\_ 5c where priced otherwise**

## ANTIRRHINUM

(SNAPDRAGON)

One of the most showy of border plants.

They are tender perennials and can be flowered indoors after blooming during summer.

528—*majus*, fine mixed. The tall variety. (See illustration.)

530—*Tom Thumb*, mixed. Dwarf. Packet 10c.

## ASPARAGUS

(ORNAMENTAL)

Amateurs should buy the plants; they are not easily or quickly raised from seeds.

534—*Sprengeri* (Emerald Feather). Packet, 15c.

536—*plumosus nanus*. Finer and more graceful than the above. Packet, 20c.



528—ANTIRRHINUM MAJUS

## BEGONIA



592—BEGONIA VERNON

594—*Begonia*, Tuberous Rooted, mixed. Large-flowered strain. Packet, 15c.

596—*Brachycome iberidifolia*, mixed (Swan River Daisy). HHA. Very effective in edgings, beds and rustic baskets. Good for house culture in winter. Always in full bloom as shown in the illustration. Colors, blue and white.

598—*Browallia elata*, mixed (Amethyst). TA. Best grown indoors. Fine for cutting.

600—*Cacalia*, mixed (Tassel-flower). HA. Yellow and red. Will grow almost anywhere.

602—*Cactus*, mixed. Contains many rare varieties. Packet, 15c.

604—*Calandrinia speciosa*. Handsome creeping plants, with purple flowers. Desirable for vases and rock-work. HA.



596—BRACHYCOME IBERIDIFOLIA



584—BALSAM, DOUBLE ROSE-FLOWERED

## BALSAMS

(Lady Slippers, or  
Touch-Me-Not)

One of the best summer flowering annuals. Flowers resemble miniature roses; bright, attractive colors. HHA.

582—Fine, double, mixed. A good assortment of colors, and most all flowers are double. Ounce, 50c.

584—Rose - flowered, double, mixed. Flowers of extraordinary size and perfectly double. Packet, 10c.

586—Double White Perfection. Packet, 10c.



Do not fail to have a few of the new GIANT SWEET SULTANS. They are the prettiest variety of Centaurea; see Yellow Specialty Pages.

606—*Calceolaria hybrida grandiflora*, mixed (Slipper Flower). Elegant and showy. Rather too hard for the amateur to raise from seed. GP. Packet, 25c.

608—*Calendula*, double, mixed (Pot Marigold). (See illustration.) Shades of yellow. Very showy. HA.



608—CALENDULA, DOUBLE MIXED

## CAMPANULA

618—*Speculum*, single, mixed (Venus' Looking-Glass). Pretty violet-colored flowers with white eye. HA.

620—Medium, double, mixed (Canterbury bells). All colors. 2 feet. Blooms first year if sown early. HB. Packet, 10c.

622—Medium, single, mixed. Blue, white and rose.

ON PAGE 127 we give an alphabetical list of both the common English and botanical names of most Flower Seeds offered in this catalog as well as their number.

# CALLIOPSIS



CALLIOPSIS

Very showy plants, of easy culture; fine for cutting; also called **Coreopsis**.

**610—Mixed.** Many choice varieties, about 1½ feet in height. HA.

**612—Lanceolata.** About 2 feet high. Beautiful yellow flowers, somewhat similar in general appearance to *Cosmos*, but larger.

Hardy perennial; increases in its wealth of bloom each spring, and no flower that we know of makes a more showy display of bloom or is better adapted for "cut flowers" than this.

**614—Callirhoe pedata** (Poppy-Mallow). Free flowering trailers. Velvety purple, with white eye. HA.

## CARNATION — (Pinks)

**634—Marguerite, mixed.** Blooms the first season. See yellow specialty pages.

**636—Early Dwarf Vienna.** Good for outdoor culture and cutting. HP. About 1 foot. Packet, 10c.

**638—Finest Double, mixed.** Many colors; saved from the most perfect flowers; about 2 feet. Packet, 10c.

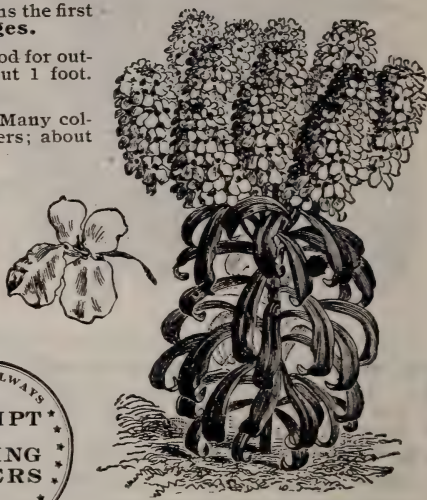
**640—Double Picotee, mixed.** Various colors. "Picotee" edged with purple, rose or red. A distinct class. Packet, 20c.

## CANDYTUFT (Iberis)

**624—Empress.** About 18 in. in height. (See illustration.) Pure white; fragrant. The best for cutting.

It does best sown indoors and set out in the open in May and June. HA.

**626—Mixed.** All colors. Ounce, 15c.



624—CANDYTUFT EMPRESS



## CANNA—Indian Shot

Many new and beautiful varieties can be obtained from sowing the seed. They make only a few small flowers the first season.

**628—Dark Leaved, mixed.**

**630—Crozy's French Hybrids, mixed.** Dwarf ever-blooming varieties. Rich colors; large flowers. Packet, 10c; oz., 50c.

**632—Choice Mixed.**

## (CELOSIA—See Under Cockscomb)

## CINERARIA

Magnificent flowering plants for conservatories, etc., in the winter and spring. The flowers measure two inches across, covering the plant with a sheet of bloom. One foot.

**678—Hybrida, large flowering, mixed.** All the finest colors. Packet, 20c.

**680—Clarkia, fine mixed.** An old favorite; very pretty; free bloomers; grow in partial shade. HA.

**684—Cianthus dampleri.** A greenhouse plant, and rather difficult to grow. Beautiful scarlet flowers with black centers. Packet, 20c.

**686—Coleus, giant-leaved, mixed.** Free-growing plants, remarkable for the brightness of their foliage. Almost indispensable in beds of ornamental-leaved plants.

We are confident that you cannot secure a better mixture of seeds of as fine varieties as ours. Packet, 20c.

**688—Collinsia, mixed.** Very showy; free bloomers; grow them in masses. HA.

**690—Collomia coccinea.** Scarlet flowers, produced in clusters; 1 foot. HA.



# CENTAUREA

(Corn Flower, Corn Bottle or Bachelor's Button)

**652—Cyanus, single, mixed.** Very free bloomer. A popular flower for cutting. Bunched with Sweet Peas it is very effective. 1½ feet. HA. Ounce, 20c.

**654—Cyanus, double, mixed** (Double Corn Flower). As shown in the illustration, the flowers are large in size, and more double than No. 652. This strain produces a wide range of colors and some new shades.

**656—Cyanus, Emperor William.** Rich, deep blue color. Very showy and beautiful. HA.

**658—Dwarf Blue Victoria.** Compact, bushy plants, about 7 inches high, presenting a mass of delicate foliage and a profusion of graceful azure-blue flowers. **Blooms in six weeks after sowing the seed.** Good for pots.

**662—Centaurea moschata, mixed** (Sweet Sultan). Well known and popular. HA.



654—DOUBLE CENTAUREA

## Ornamental-Leaved Centaurea—(Dusty Miller)

**For bedding, hanging baskets and pots. Very widely used for margins. Silvery-white foliage. HHP.**

**664—candidissima.** Leaves somewhat cut and lacinated. Packet, 10c.

**666—gymnocarpa.** Not so white as the above. Fine for ribbon beds. Height 1 foot. Packets, 10c.

# COSMOS



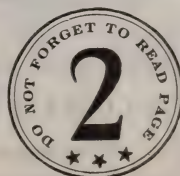
This magnificent annual is among the most showy and graceful of all garden flowers, and nothing can give greater satisfaction for a display. They make large plants, growing five to seven feet high, which are beautiful masses of the most elegant foliage, until they begin to bloom, when each plant will have hundreds of large, showy blossoms, resembling single Dahlias. HA.

**702—All colors, mixed.** Ounce, 30c.

**700—Pearl.** This variety produces a profusion of large, pure white flowers, gracefully poised on long stems, and are extremely useful for decorating purposes.

**704—Giants of California, mixed.** Especially noted for their purity of color and gigantic size of flowers. All colors. Packet, 10c.

**706—Klondyke.** Pure yellow; a grand novelty.



# Summer Chrysanthemums

(Painted Daisies or French Marguerites)

672—All varieties, mixed, HA. Ounce, 35c.

## Perennial or Fall Chrysanthemums

674—Indicum, fine mixed. If sown early, will produce strong flowering plants the first season.

Packet, 20c.



674—Chrysanthemum Indicum

A list of Flower Seeds for Hanging Baskets, for Bouquets and other special purposes should be of assistance to you in making your selection of varieties. IT IS ON PAGE 126.

# COCKSCOMB

(Feathered or Plumed Celosia)

642—Japonica (Japanese). About 3 feet in height; branches of scarlet plumes produced in a pyramidal mass. HHA.

644—Pyramidalis, fine mixed. Red, yellow, violet and other colors. Strikingly showy. HHA.

Highly Ornamental Heads or "Combs"

692—Dwarf, mixed (Cristata). Combs often a foot across. HHA.

694—Glasgow Prize. Fine dwarf variety, with brilliant crimson comb and handsome dark foliage. Packet, 10c.

696—Columbine, fine mixed (Aquilegia). Forms large clumps and blooms abundantly; fine for cutting. HP.

708—Crepis rubra (Hawk's Beard). Red. HA.

710—Cuphea purpurea, mixed. Shrub-like; 2 feet. HHP. Of regular, uniform growth.

712—Cyclamen giganteum, mixed. For greenhouse culture. Packet, 25c.

714—Cynoglossum, mixed. Good for edgings; 9 inches. HA.

716—Cyperus alternifolius (Umbrella Plant). Grows finely in water or mud. Throws up large narrow stalks which hold the "umbrellas," which are the leaves radiated from the stem and curved downward in graceful fashion. TP. Packet, 10c.

# DATURA

(ANGEL'S TRUMPET)

730—Cornucopia (Horn of Plenty). Magnificent variety. Stems dark purplish maroon; flowers average eight inches long by five inches across the mouth, the interior being a glistening white while the exterior is purple. Delightfully fragrant. HHA. Packet, 10c.

728—Fine double, mixed. About 4 feet in height.



DATURA

# DAHLIA

722—Double, finest mixed. Packet, 10c.

724—Single, finest mixed. Packet, 10c.

726—Daisies, double mixed (Bellis perennis, fl. pl.). Blooms the first season if sown early. 4 inches. HP. Packet, 10c.

FLOWER SEEDS **5c** PER PACKET, except where priced otherwise

# EUPHORBIA

748—*Variegata* (Snow-on-the-Mountain).

750—*Heterophylla folius aureo variegatus* (Mexican Fire Plant, or Fire-on-the-Mountain). An annual resembling the beautiful hot-house Poinsettia in habit and color. Bushes grow about three feet high, with smooth, glossy-green leaves, which are highly ornamental and in midsummer become much more so by changing to a blazing scarlet with just a tip of green left. Packet, 10c.

764 — *Ferns, mixed.* Spores of the finest varieties. Packets, 20c.

766 — *Fuchsia, finest mixed* (Ladies' Ear Drops). Packet, 25c.

## GAILLARDIA

(BLANKET FLOWER)

Showy plants, which have lately come into deserved popularity.

760 — *Fine Mixed.* HA. Includes all varieties, and is equal to any high-priced so-called "hybrids."

762—*Gaura Lindheimeri.* Curious spikes of white and red-tinted flowers. HP.

764—*Geranium, Zonale, finest mixed.* Packet, 10c.

766—*Geranium, Apple-Scented.* Sweet-scented leaves. Packet, 25c.

768—*Gilia, tri-color, mixed.* Admirably adapted for massing. Ounce, 15c.

770—*Gloxinia crassiflora grandiflora erecta, mixed.* The very choicest varieties. Same directions for planting the seed as given for Begonia. Packet, 10c.

772—*Godetia, finest mixed.* Free-flowering. Fine for bedding; beautiful colors. HA.

774—*Gypsophila elegans.* Rose and white. Very graceful and beautiful for bouquets. HA.

776—*Hedysarum, mixed* (French "Honey-suckle"). Blooms the first season. HB.

## HELIOTROPE

778—*Lemoine's Giant.* A wonderful improvement over the ordinary variety. Produces trusses frequently measuring 9 to 14 inches across. Rich colors and unusually fragrant.

780—*Hibiscus Africanus* (Marshmallows). White flowers with dark brown center. Very showy. HA.

786—*Honesty* (*Lunaria biennis*—Satin Flower). An old but interesting flower. Purple. HB.

## DOUBLE HOLLYHOCKS

(ALLEGHENY FRINGED)

(See Illustration.)

A new type of these old garden favorites. Flowers mammoth in size, of a transparent, silk-like texture; novel shape, being fringed and cut. Graceful arrangement on stems. Shrimp-pink to deep red in color. Produced continually at each leaf-axil.

Blooms very early and continues late. Stands the coldest winters. Flowers during the hottest summers. Is not subject to the Hollyhock disease. HP.

782—Packet, 10c.

784—*Chater's Superb, double mixed.* An extra fine strain of the ordinary double Hollyhock. Packet, 10c.

### REMEMBER

Quality in Flower Seeds should be of first consideration



760—GAILLARDIA

All FLOWER SEEDS

5c

PER PACKET except otherwise priced



ALLEGHENY HOLLYHOCK

# DIANTHUS—Annual Pinks

One of the most beautiful and satisfactory of all free blooming plants for summer flower gardens. Give a supply of lasting cut flowers until late in the fall. They can then be lightly protected and will bloom the following spring. HB.

732—Chinese, double, mixed (Chinese Pinks). Extra fine. Ounce, 50c.

734—Laciniatus, single and double striped and fringed, mixed colors. These are particularly grand. The immense flowers are single and double, deeply fringed at the edges, of many exquisite colors, all of which are charmingly striped with some other color. Packet, 10c.

736—Heddewegii fl. pl., mixed (Double Japan Pink). Flowers very large and double, of various shades in the most brilliant colors. Packet, 10c.

738—Diadematus fl. pl., mixed (Diadem Pink). A large proportion of flowers hieroglyphically marked with various hues, the delicate tints and deep tones mingling in exquisite contrast. Packet, 10c.

740—Digitalis, fine mixed (Fox-glove). Treated as biennials.

744—Erysimum Arkansanum.—One of the prettiest yellow flowers. Sweet-scented. HA.

746—Eschscholtzia Californica, mixed (California Poppies). Bright yellow and white. Very showy. HA.

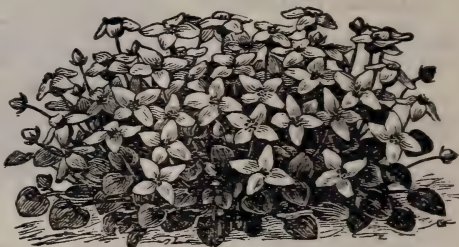
## DIAMOND FLOWER

Very desirable for edgings in moist, shady places, and for rockeries.

Makes a pretty effect sowed around the top of pots containing winter-blooming plants and allowed to bloom. It covers up the unsightly dirt in the pot and does not harm the large plant. Three inches in height. HHP.

788—Diamond Flower. (See illustration.)

790—Ice Plant (Mesembryanthemum Crystallinum). Handsome and curious plant for hanging baskets, rock work, vases and edgings. TA. Trailer; 6 inches. Ounce, 20c.



790—DIAMOND FLOWER

792—Ipomopsis elegans, mixed. Long spikes of dazzling flowers. 3 feet. TB. Packet, 10c.

794—Jacobaea, Tall Double, finest mixed (Senecio). Free flowering border or pot plants. HA.

796—Lantana, mixed. A fine bedding plant. Packet, 10c.



804—TALL LARKSPUR

806—Leptosiphon, fine mixed. (See illustration.) Blooms in masses. For edgings or rockeries and pot culture. HA.

808—Linaria, Bipartita, mixed (Toad Flax). Resembles the Snapdragon, but smaller.

## LARKSPUR

(DELPHINIUM)

Splendid flowers of varied colors, borne on long spikes. Blooms within a few weeks' time after sowing.

802—Double Dwarf Rocket, mixed. HA. Ounce, 20c.

804—Tall Branching, mixed (Stockfid). HA. Ounce, 20c.

## Linum Grandiflorum Rubrum

One of the most beautiful annuals for bedding or small groups.

810—(Crimson Flax). Ounce, 10c.



806—LEPTOSIPHON

# LOBELIA

Elegant little plants, of easy culture, completely covered with flowers from June until September

812—*Crystal Palace* (Compacta). Large blue flowers, compact habit of growth. HHP. Packet, 10c.

814—*Erinus erecta*, mixed. Slender blue and white mixed. 6 inches.

816—*Erinus gracilis*. Blue; trailing.

818—*Lupinus*, mixed (Flowering Lupins). Very ornamental. Spikes of rich and varied colored flowers. 3 feet. HA.

820—*Lupinus arboreus*, "Snow Queen." (The Snow White Tree Lupin.) Forms dense bushes about four feet in height. HP. Packet, 10c.

824—*Malope grandiflora*, mixed. Mallow-like flowers.

826—*Martynia*, fine mixed. Curious and showy.

## MARVEL OF PERU

(Four O'clocks, or Mirabilis)

832—Mixed. All the various colors; 3 feet. HB. Ounce, 10c.

834—*Dwarf Variegated*, mixed. Dwarf, compact, bushy plants. Flowers of all colors, many being striped and blotched. Owing to its dwarf habit and freedom of bloom, is valuable for bedding.

Ounce, 15c.

## MATRICARIA

(FEVERFEW)

836—*eximia*, fl. pl. Fine for bedding or edging. White. 1½ feet. HA. (See illustration.)

### PLANTS—

Chrysanthemums,  
Carnations,  
Geraniums,  
Begonias,  
Violets, Roses, etc.  
(See yellow pages.)



836—MATRICARIA EXIMIA, FL. PL.

## MARIGOLDS (TAGETES)

One of the most showy of all hardy annuals.

The Dwarf French varieties make effective borders for the African sorts, and both are unusually bright and showy planted in beds or borders.

They bloom until late in the autumn, even after frosts.

Seeds can be sown in a cold frame, or in a seed bed in the open border, and the young plants transplanted late in spring where they are to remain. They succeed best in a light soil, with full exposure to the sun.

828—*African Tall*, mixed. Taller in growth than the French, and the flowers are larger and self-colored.

Ounce, 40c.

830—*French Dwarf*, mixed. They make a continual rich display of bloom. Grow only about 18 inches high and bloom earlier than the African.

See Yellow Pages for other varieties.



FRENCH MARIGOLD

# MIGNONETTE (RESEDA. HA.)

Deliciously fragrant. A small patch perfumes the whole atmosphere around the garden. Does best in a cool situation

852—Large-Flowering, mixed. Very sweet. 1 foot. Ounce, 10c.

844—Pyramidalis, large-flowering. Very beautiful. Ounce, 15c.

838—Golden Queen. Golden yellow. Powerfully fragrant.

## ALLEN'S DEFIANCE

The florists' favorite giant-spiked Mignonette.

840—Allen's Defiance. Will throw flower stalks of a foot in length, and of an unequalled delicious fragrance.  $\frac{1}{4}$  ounce, 20c.

842—Pure Machtet. A dwarf French variety with broad spikes of fragrant flowers. One of the best for pots.



840—ALLEN'S DEFIANCE

## MIMULUS

(MONKEY FLOWER)

854—*tigrinus grandiflorus*, mixed. Fine for pots or baskets. HA. Large flowers. Packet, 10c.

856—*Moschatus* (Musk Plant). TA. Packet, 10c.

## DWARF

Morning Glories

(*Convolvulus Tricolor Minor*)

A bed of these is a beautiful sight throughout the summer.

Grows only one foot in height, but spreads its showiness of flowers over a space of two feet in all directions, and blooms continuously from July to October. Flowers about the same size as the



Climbing Morning Glory, but remain open longer, sometimes all day.

858—All colors, mixed. HA. Ounce, 15c.



894—NIGELLA DAMASCENA.

860—*Myosotis palustris* (Forget-Me-Not). Sown early, blooms first season. Blue and white. 9 inches. HA. Packet, 10c.

886—*Nemophila*, mixed 6 inches. Fine for bedding or edging. HA.

## NIGELLA

Very interesting free-flowering plants, with curious-looking flowers and seed pods. (Illustrated.)

894—*Damascena*, mixed (Devil-in-a-Bush).

**REMEMBER**

ALL VARIETIES NOT PRICED

**5c** Per Packet

You need not go East for Good Seed

Our remarks on Page 50 tell *WHY*

## DWARF NASTURTIUMS

Flowers best if planted in poor soil. The seed, if picked young, is an excellent substitute for capers

862—**Aurora.** Lovely and distinct; salmon rose, mottled bluish white, garnet blotches. Ounce, 15c.

864—**Beauty.** Light scarlet, splashed canary. Ounce, 15c.

866—**Brilliant.** This variety is a handsome scarlet, well set off by very dark foliage. Ounce, 20c.

868—**Cloth of Gold.** Golden yellow foliage, light scarlet flowers, very effective. Ounce, 25c.

870—**Empress of India.** Brilliant crimson, dark foliage. Ounce, 20c.

872—**Golden King of Tom Thumbs.** Grand flowers, 3 inches across; deep golden yellow, maroon blotches. Ounce, 20c.

874—**King Theodore.** Dark scarlet maroon, dark foliage. Ounce, 20c.

876—**Lady Bird.** Orange yellow, red spots. Ounce, 25c.

878—**Pearl White.** Ounce, 20c.

Any 6 packets of the above named sorts, 20c.

882—**Finest Mixed.** All the finest colors and varieties evenly mixed. Ounce, 10c; ¼ pound, 30c; pound, \$1.00 post-paid.

884—**Lilliput, mixed.** An odd class of trailing nasturtiums. For bedding, hanging baskets, or vases. HA. Ounce, 25c.



## NICOTIANA

(SWEET-SCENTED TOBACCO). HHA.

888 - **affinis.** (See illustration.) Sweet scented, pure white, star-shaped flowers. Blooms continually. 2 to 3 feet.

890—**Giant-flowered red.** Foliage is luxuriant, and tropical in appearance. About 5 feet in height. Blooms early.

892—**colossea.** Immense leaves, at first rose and violet, afterward changing to deep green with red veins. A fine foliage plant. 8 to 10 feet.

896 - **Oenothera, finest mixed.** (Evening Primrose.) Dwarf plants for beds or borders. HA.

898 - **Oxalis, mixed.** Small free-blooming little plants with brightly colored foliage, thickly starred with small attractive flowers from June until frost. Very easy to raise and are fine for edging and borders of flower-beds or hanging-baskets.

930—**Passiflora coerulea** (Passion Vine.) Packet, 10c.

934 - **Pentstemon, mixed.** Long spikes of very ornamental flowers. 2 feet. HP.



# PETUNIA

## SINGLE SORTS



940—FRINGED PETUNIA

944—Double, extra select, mixed. Packet, 25c; 3 for 60c.

946—Double, large-flowering, fringed, mixed. The grandest strain of double Petunias; flowers of immense size and of great variety of colors and markings; beautifully fringed. Packet, 25c; 3 packets, 60c.

936—hybrida, mixed. Many colors; fine for bedding. Ounce, 50c.

938—hybrida, finest mixed. A very choice strain; partly made up from named large-flowering sorts which will give an abundance of the choicest flowers in greatest variety of colors. Packet, 10c.

940—Large-Flowering, mixed. A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter; remarkable for their brilliancy and variety of color. A splendid mixture. Packet, 15c.

942—Giants of California, mixed. See yellow novelty pages.

## Double Varieties

The fully double Petunias do not produce seed, so that to procure double flowering plants we must use seed of single flowers, which have been carefully fertilized by pollen from double ones. The seed we offer is the result of careful hybridization, and can be depended upon to give as large a proportion of double flowers as any.

# PHLOX

Very hardy annuals, thriving in almost any situation, and unequalled in the magnificent display of their many and brilliant colored flowers. Will begin flowering about July 1st, and remain literally covered with bloom until after severe frosts late in autumn. For masses of separate colors or for cutting for bouquets, they are unsurpassed.

952—Drummondii, fine mixed. 1 foot. HA. Ounce, 50c.

948—Drummondii, large-flowering, mixed. This important strain is not only notable for variety and brilliancy of colors, but also for the perfection and size of flowers, which are very large and round, the petals overlapping each other. Packet, 10c; ounce, 75c.

950—Starred and Fringed, mixed. In the *Fringed Flowers* the petals are partly fimbriate and partly three-toothed, all distinctly bordered with white. In the *Starred Phloxes* the pointed central teeth of the petals are five to six times as long as the lateral ones, and project beyond them like little spines, giving the flowers a distinctly marked, regular star-like form. Packet, 10c.

955—Dwarf, mixed. This strain grows only six inches in height. Plants form round, compact bushes, and are thickly studded with bright, showy flowers, like the taller variety, in all colors. Splendid for bedding, edging and pot culture, and plants sell well in market.

954—Perennial, mixed. One of the finest herbaceous perennials for beds or mixed borders. Packet, 10c.

# PANSIES

900—Fire King. Bright reddish brown, lower petals margined with yellow. A truly fiery shade.

902—King of the Blacks (Faust). Pure jet black, of a rich, velvety appearance.

904—Lord Beaconsfield. Lavender and violet. A most beautiful variety.

906—Peacock. Royal purple with long petals; a deep claret with white margins. A striking variety.

908—Snowflake. Very large, satiny white.

910—Yellow Trimardeau. With black eye. Very large.

Any of the above, 10c per packet; three for 25c.



One Packet Each the Above Six Sorts for 40c

920—Bugnot's and Cassier's Blotched, extra mixed. This mixture contains both strains and is unsurpassed in size and markings. Packet, 20c; ¼ oz., \$2.00; 3 packets, 50c.

926—Odier or Blotched extra choice, (large stained). Superb strain of three to five blotched Show Pansies, unsurpassed for shape, markings and richness of color of the flowers, as well as for habits of growth. Packet, 20c; ¼ oz., \$1.75; 3 packets, 50c.

928—Parisian, large-flowering, mixed. A very showy and superb strain of the well-known Trimardeau. Extra mixture. Packet, 20c; ¼ oz., \$1.50; 3 packets, 50c.



# GIANT PANSIES

There  
Is no  
Better  
Pansy  
Seed  
Grown  
Than ours.  
Giant  
Flowers!  
Exquisite  
Markings!



Is one  
Of our  
Specialties,  
And for  
The price  
Asked,  
You cannot  
Get equal  
Quality and  
Quantity  
Elsewhere.

A Specimen of "NONPAREIL," No. 924

## P. S. Co.'s Nonpareil Mixture

This mixture is absolutely unsurpassed. It contains seed of the finest and largest varieties in existence. It is made up from our own formula, of stock grown and selected true to type, by two of the most successful Pansy specialists in Europe, and we recommend it to our customers as being, as its name implies, of unequalled quality. It is better than the Imperial German Mixed, No. 918, or any other mixture.

No. 924—Packet, 15c, 2 for 25c.

## "Plant's" RAINBOW Mixture

This is the best mixture you can obtain for the price. It includes all colors and variegations, from pure white to the deepest black or blue, with even proportions of striped, mottled, gold margined and bronze varieties that blend well

together, making this a most attractive variety. Have also included the beautiful four-colored variety Rainbow (Pelargoniflora), resembling Pelargoniums and Delicata, a pretty blue sort from Germany.

914—Packet of over 250 seeds, 5c; ¼ ounce, 35c; ounce, \$1.25.

912—Fine Mixed. Composed of all the separate varieties; remarkably showy and rich in color. Packet, 5c; ¼ ounce, 20c; ounce, 70c.

916—Large Flowering, mixed. An extra fine



914—RAINBOW MIXTURE

strain. Plants compact, and produce flowers in a great variety of colors. Packet, 10c; ounce, \$1.50.

922—Benary's Non Plus Ultra. One of the richest mixtures ever sent out, and containing the finest blotched varieties in existence. Packet, 20c; ¼ oz., \$1.50; 3 packets, 50c.



## POPPIES

(PAPAVER) HA.

**962—Double Carnation-flowered, mixed.** Large, showy flowers of great variety of colors, 2 feet high. HA. Ounce, 10c;  $\frac{1}{4}$  lb., 30c.

**964—Single Shirley, mixed.** Everyone knows the old common corn poppy, or red weed, with its bright scarlet flowers. This is a strain of this magnificent species which sports to numberless shades of color, from pure white to rose, pink, carmine and deepest crimson.

**966—Double Shirley, mixed.** These double varieties retain all the beauty of colorings, grace of form, large size, and profusion of bloom of the single sort; they come mostly double or semi-double; they create a beautiful bed when grown in quantity. The myriads of lovely nodding flowers, almost no two alike, is an inspiring sight. Packet, 10c.

### THE CARDINAL

Round as a ball, as red as fire

**968—**Plants grow about sixteen inches in height, with deeply cut dark green foliage. The flowers are of very large

size, perfectly double and "round like a ball." In color it is a glowing cardinal scarlet of attractive brilliancy, and the long duration of its blooming period makes it a very desirable variety indeed.

**970—Tulip-flowered.** Produces large bright scarlet flowers well above the foliage. The two outer petals of the flower form a tulip cup and after a time black spots appear at the base of each petal. Strikingly beautiful, reminding one of a dazzling bed of tulips. About 1 foot high.

### Perennial Poppies

**972—Alpinum laciniatum.** These are most charming plants which have delighted all who have seen them.

Each rosette of pretty gray-green leaves throws up numerous slender flower stalks, bearing lovely flowers of white, salmon, rose or orange, all with yellow stamens, the petals of which are most delicately lacinated, fringed and fluted, giving them a peculiar charm. These little Alpine Poppies will make remarkably nice pot plants. Packet, 10c each.

**974—Fine mixed.** Very bright and showy. Packet, 10c.

### PHEASANT EYE PINKS

(MAY OR GRASS PINKS)

Flowers are deeply fringed, or feathered, white or pink, with dark eye. Very fine for cutting and bedding

**958—Plumarius, single, mixed.**

**960—Plumarius, double, mixed.** Packet, 10c.

### PORTULACA—Rose Moss

Every one knows "Rose Moss" and how easily it grows, producing a continual mass of bloom all summer long. Does not generally produce perfectly double flowers until September.

**976—Single, all colors, mixed.** Ounce, 40c.

**978—Double, fine mixed.** Will produce a large percentage of perfectly double flowers in all colors. Packet, 10c.

**980—Extra double, choicest mixed.** Seed saved carefully from extra select double-flowering plants; will produce over 80 per cent of double flowers resembling roses. Packet, 20c; 3 packets, 50c.

**982—Double white.** Packet, 15c.

**984—Double yellow.** Packet, 15c.

**986—Double red.** Packet, 15c.

Packet each separate color for 35c.

**FLORISTS** and others who desire larger quantities of Flower Seeds than are offered here, will please write for **WHOLESALE FLOWER SEED CATALOG.**

# PRIMROSE

(Primula)



PRIMROSE

The "Chinese Primrose" is a great favorite for the house or conservatory. The foliage is pretty and attractive, and the flowers  $1\frac{1}{2}$  to 2 inches across, borne in clusters of from 25 to 50, of perfectly charming colors, and borne all through the winter and spring. One of our best pot plants.

## Sinensis Fimbriata

992—Large fld., fringed red. Packet, 25c.

994—Large fld., fringed white. Pkt., 25c.

990—Large fld., fringed, mixed. Pkt., 20c.

996—Large fld., fringed Hybrids, mixed, crisped foliage. Varying from

white to carmine and crimson; choice colors; single and double. Packet, 25c.

998—auricula, mixed (English Hybrids). A favorite. Finest named sorts. Packet, 15c.

1000—elator, fine mixed. (English Primrose). Beautiful little plants. Packet, 15c.

1002 — obconica, mixed. Valuable pot plants. Packet, 15c.

1004—Japonica, mixed (Japanese Primrose). This beautiful Primrose grows about  $1\frac{1}{2}$  feet in height, producing from its tuft of robust leaves a stem bearing four or five separate tiers, or whorls, of charming flowers, each flower being an inch in diameter.

## PYRETHRUM—Feverfew

1008—Aureum, golden-leaved (Golden Feather). Very desirable for bedding and "ribbons."

## RICINUS

### Castor Oil Plant

1012 — Zanzibariensis, mixed. (See illustration). A comparatively new species of wonderfully vigorous growth. The plants grow from ten to fifteen feet high. The leaves have a brilliant lustre, measure about thirty inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems. Said to drive away mosquitoes, if plenty of it is planted around the yard and cut leaves taken into the house at night.

Packet, 10c.

1014—Choice mixed. Smaller and not so attractive as the above.



1012—RICINUS ZANZIBARIENSIS, MIXED

1016—Roses, Bengals, Tea, Hybrid Perpetual and Bourbons. Finest mixed. Packet, 10c.

1018—Rose Campion (*Agrostemma coronaria*). Exceedingly handsome and free flowering. 1½ feet. HP.



SCABIOSA

**grandiflorus, finest mixed** (Butterfly Flower). Flowers are as pretty as Orchids and freely produced. HHA.

1036—Sensitive Plant (*Mimosa pudica*). Curious and pretty. TA.

1038—Silene, mixed (Catch Fly). Suitable for the open border or rock work.

1040—Smilax. Charming tender perennial climber; excellent for decorations. Packet, 10c.

1042—Stevia serrata. TP. Small white flowers of graceful effect. Very satisfactory for all purposes. Packet, 10c.

## Scabiosa

(MOURNING BRIDE)

1032—Dwarf Double, fine mixed. This old and beautiful annual is not as extensively cultivated as it deserves to be. Beautiful colors and is excellent for cutting. 1½ feet. HA.

## Salpiglossis

(VELVET FLOWER)

Sow in the open ground, when all danger from frost is over. Cover seed lightly. Is fine for bedding. Very showy.

1026—Large-Flowering, mixed (Painted Tongue). Large mottled flowers. HHA.

1028—Emperor. Packet, 10c.

1030—Saponaria calabrica, mixed. Of compact growth, producing masses of small, cross-shaped, flowers. Fine for bedding. HA.

1034—Schizanthus

# SALVIA SPLENDENS

1024—(Scarlet Sage). Is very popular and grows well from seed. For months the blaze of flaming scarlet is intensely brilliant with the great spikes of bloom completely concealing the foliage. Packet, 10c.



SALVIA SPLENDENS

## STOCKS

### GERMAN TEN WEEKS

(Gilly Flower or Levkoyen.)

The stocks are exceedingly valuable plants, producing an abundance of flowers of various colors and tints, and of the most delicate fragrance.

1044—Fine double mixed. HHA.

1046—Large flowering, finest double mixed. Packet, 10c.

1048—Snowflake (Dwarf Wallflower Leaved). Large flowered forcing variety. Produces a vigorous main spike of uncommonly large and very double snow white flowers. HHA. Packet, 20c.

1050—Branching white (Princess Alice, or Cut and Come Again). Very beautiful, large spikes. Fine for cutting. HHA. Packet, 15c.

*Stocks — Continued*

**AUTUMN FLOWERING**

1052—Autumnal or intermediate, fine mixed. Bloom in fall if sown early. 1½ feet. HHB. Packet, 15c.

**WINTER FLOWERING**

1054—Winter or Brompton, extra fine, double, mixed. Packet, 15c.

1062—Sweet Rocket, mixed (Hesperis). Early and free flowering hardy perennial, 1½ feet.

**SWEET WILLIAMS**

(*Dianthus Barbatus*)

These plants when in full bloom, present a beautiful sight, and for a fine display are unsurpassed. Blooms freely the first season from seed. HP.

1066—Choice mixed. Finest colors.

1068—Choice mixed, double. Finest colors, mixed. Seed saved from a splendid double flowering collection. Packet, 10c.

**Torenia—Princess of Montenegro**

1076—One of the finest dark-colored Torenias. Lower and side petals of a deep velvety indigo; upper



petal lavender with golden yellow throat. Giant-flowered and a perpetual bloomer. Packet, 10c.

See instructions for planting seed of *Begonia Vernon*.

**SUNFLOWER**

*Helianthus*

1056—Dwarf double, Variegated leaf. Green and silvery-white variegated. Very ornamental. Oz., 10c.

1058—*Giganteus macrophyllus*. Grows 10 feet high, with but one mammoth flower. Ounce, 10c.

**GOLDEN BALL  
SUNFLOWER**

See Yellow Specialty Pages

**TORENIA, PRINCESS OF MONTENEGRO**

fern-leaved plant with bright yellow blossoms, striped with reddish brown. HHA.

1074—*Tagetes pumila*. A delicate

**SPECIAL OFFER OF FLOWER  
SEED PACKETS**

Any three 10-cent packets or any two 15-cent packets for . . . . . **25c**

Any three 20-cent packets for . . . . . **50c**

This is in addition to the discount offered in the

**YELLOW PAGES**

# VERBENA

A universal favorite and indispensable for bedding purposes. Seed sown in the spring will produce flowers quite early in the season. To hasten bloom it is better



VERBENA, PLANT'S MAMMOTH

which embrace a wide range of colors. HHP. Packet, 15c; 2 packets, 25c.

1086—**Pure White** (Sea Foam or Candidissima). A fine strain of large flowering hybrid Verbenas.

to start seeds in boxes or frames. The plant will bloom most freely when the flowers are regularly cut. Verbenas raised from seed are superior to those grown from cuttings, and less liable to disease. Many Verbenas have fragrance as well as beauty.

1080—**hybrida, fine mixed.** All the finest colors.

1082—**hybrida, choicest mixed.** Seeds saved from named sorts.

Packet, 10c.

1084—**Plant's Mammoth Strain, mixed.** The individual blossoms are frequently larger than a silver quarter—in fact, many are scarcely covered by a silver half-dollar. Ours is truly a strain of Mammoth Verbena that produces uniformly magnificent trusses of flowers

## Vinca

(Madagascar Periwinkle)

These handsome, bushy plants are recommended for ribbon beds and borders, also for pot culture in the winter. Of compact growth, branching freely, and the dark-green glossy foliage forms an excellent background for the bright and attractive star-like flowers.

1088—**rosea.** Fine rose color.

1090—**rosea alba.** White, rosy eye.

1092—**alba pura.** Clear, pure white. Packet, 10c.

1094—**All Colors, mixed,** the above three varieties.

1098—**Virginia Stock (cheiranthus maritimus).** Sweet scented; very pretty. HA.

## Sweet Scented Violet

Well-known fragrant early spring blooming, hardy perennials; for edging, groups or borders, thriving best in a shady situation, in rich, deep soil.

1100—**Odorata.** Blue and white mixed, 6 inches. Packet, 10c.

## WALLFLOWERS

1102—**Fine Single, mixed.** 2 feet. For house blooming in winter.

1104—**Extra Early Parisian.** Blooms in August and continues until checked by frost. Magnificent golden yellow single flowers on long spikes; deliciously fragrant. Packet, 10c.

1106—**German Tall Double, mixed.** Packet, 15c.

1108—**German Extra Double Dwarf, mixed.** Packet, 15c.

1110—**Whitlavia Grandiflora, mixed.** Very effective for bedding, ribboning or mixed borders.

## ZINNIA

"Grows like a Weed." Flowers of the showiest. Blooms continuous throughout the entire summer.

1112—**Elegans Extra Double, mixed.** 2 feet. HA.

1114—**Zebra Double, mixed.** A very pretty strain of striped flowers.

1116—**Giant Mammoth, mixed.** Of unusually robust habit of growth and immense size. Perfectly formed, very double flowers of various striking colors.

1118—**Double Lilliput.** Smaller than the ordinary Zinnia long stiff stems. Valuable for bouquets.

1120—**Wild Flower Garden Mixture.** Contains from 50 to 75 varieties of standard, hardy flower seeds.  $\frac{1}{2}$  ounce, 10c; ounce, 15c.

# EVERLASTING FLOWERS

The Everlasting Flowers and Ornamental Grasses retain both form and color for years, and make excellent bouquets, wreaths and every other desirable winter ornament. The flowers should generally be picked as soon as they expand, or a little before, and hung up in small bunches, and so that the stem will dry straight.



HELICHRYSUM

1130 — *Acroclinium, roseum*. Very elegant and pretty. Rose and white mixed; 1 foot.

1132—*Ammobium, alatum*. Very desirable. White, very pretty; 2 feet.

1138—*Helichrysum, Everlasting Flowers*. Very ornamental and much admired when dried.

*Monstrosum fl. pl.* Fine double mixed; 3 feet.

1136 — *Globe Amaranth, Gomphrena Globosa*, all colors mixed. Very well known.

*Helipterum*. Pretty, everlasting, producing large clusters of yellow flowers.

1140—*Sanfordii*.

*Rhodanthe*. Well-known, very pretty for bouquets.

1142 — *Finest varieties mixed*.

*Statice*. Free-flowering; remaining long in beauty.

1144—*hybrida*. Purple, yellow, white, etc., fine mixed.

*Xeranthemum*. (*Papierblume*). Very showy.

1146—*plenissimum*. Extra double, fine mixed.

# ORNAMENTAL GRASSES

1150—*Agrostis pulchella*. Feathery; 1 foot.

1152—*Avena sterilis* (*Animated Oats*). 2½ feet.

1154—*Briza maxima* (*Quacking Grass*).

1156—*Briza gracilis* (*Slender Quacking Grass*).

1158—*Brizopyrum siculum*. Shining green leaves.

1160—*Bromus brizaeformis*. A hanging grass; 1 foot.

1162—*Chrysurus cynosuroides*. Yellow spikes; 1 foot.

1164—*Coix lachrima* (*Job's Tears*). 2 feet.

1166 — *Eragrostis elegans*. Graceful habit; 1 foot.

1168—*Eulalia japonica zebrina* (*Striped Zebra Grass*). Very attractive tall grass.

1170 — *Gynerium argenteum* (*Pampas Grass*). The most noble grass in cultivation; 10 feet.

1172—*Hordeum jubatum* (*Squirrel Tail Grass*). Lovely; purplish plumes; 3 feet.

1174 — *Lagurus ovatus* (*Hare's Tail Grass*).

1176 — *Pennisetum longistylum*. Graceful.

1178 — *Stipa pinnata* (*Feather Grass*). Beautiful.

1180 — *Tricholaena rosea*. Beautiful rose-tinted grass; 2 feet.

1182—*Ornamental Grasses*. Best varieties, mixed.



1170—PAMPAS GRASS



FLOWER SEEDS 5¢ PER PACKET, except where priced otherwise

# VINES

Except where priced, all FLOWER SEEDS ARE 5c PER PACKET

## Mountain Rose

*Antigonon leptopus* (Mountain Rose).

A grand and effective vine when grown in a sunny spot.

Bears numerous clusters of deep pink blossoms so completely covering the vine as to almost hide the foliage. It is hardy, but must be well protected during winter.

1200—Packet, 10c; 3 for 25c.

1202—*Aristolochia siphon* (*Dutchman's Pipe*). HP. Attains a height of 30 feet. Excellent for shade or screen purposes.

Packet, 10c.

1204—*Balloon Vine* (*Love-in-a-Puff*). HHA. 10 feet.

1206—*Balsam Apple* (*Momordica balsamina*). A beautiful climbing plant; handsome apple-shaped fruits. HHA. 10 feet.

1208—*Balsam Pear* (*Momordica charantia*). The fruits preserved in alcohol, make a most useful liniment.

1210—*Bryonopsis erythrocarpa*. Very ornamental. Has red fruit with white stripes.



CYPRESS VINE

## Canary Bird Flower

1216—*Trapaeolum peregrinum*. A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (Illustrated.) HHA.

Packet, 10c.

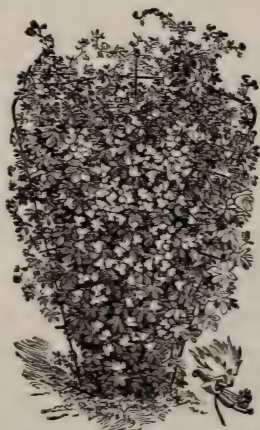
1217—*Clematis*, large-fl., mixed (*Virgin's Bower*).

Packet, 10c.

1218—*Coboea scandens* (*Cup and Saucer Vine*). Very rapid grower. 20 feet.

Packet, 10c.

1220—*Cucumis flexuosa* (*Snake Cucumber*). An oddity.



CANARY BIRD FLOWER

## Cypress Vine (*Ipomoea quamoclit*)

Beautiful in both flower and foliage. They can be trained on almost anything and bloom continuously. TA.

1222—Scarlet. 1224—White. 1226—Mixed. Ounce, 20c.

1230—*Dolichos*, mixed (*Hyacinth Bean*). One of the most desirable vines, either for shading or the beauty of its flower clusters. HA. Contains both purple and white. 30 feet.

## Ornamental Gourds

Of extremely rapid growth. Bear curious and attractive fruits.

1236—*Dish Cloth* or *Luffa*. Sponge-like, porous lining is dried and used in the bath or for a dish-cloth. Packet, 10c.

1234—*Dipper*. Useful for many household purposes. When grown on the ground produces differently shaped gourds than on a trellis.

1240—*Hercules' Club*. The longest of any of the gourds.

1244—*Japanese Nest Egg*. Resembles hens' eggs in color, size and shape.

1248—*Sugar Trough*. Very light, but durable. Used for buckets, baskets, soap and salt dishes, etc.

Any of the above, 20c ounce.

1238—*Gooseberry*. Small fruits, similar to gooseberries.

1242—*Mock Orange*.

1250—*Small Varieties*, mixed.

1246—*Powder Horn*.

Ounce, 25c.



## Vines — Continued

### 1254—Japanese Hop

20 to 35 feet first season

Spring-sown seed produces vines 15 to 25 feet in length by midsummer, and continues in growth until severe frost. Does not need replanting; the roots remaining in the ground during winter, and making stronger plants the next year.

Entirely distinct from the common hop. Will stand drought or heat, and ravages of all insects. A small quantity is included in the mixture of Rapid Climbers.

1256—*Humulus Japonicus variegatis* (*Japanese Variegated Hop*). Packet, 10c.

1270—*Maurandia*, fine mixed. Suitable either for house or garden culture. TP. 10 feet. Packet, 10c.

1272—*Mina Lobata*. Rapid and luxuriant climber. Flowers in graceful spikes. Rosy crimson color, changing to orange and cream. TA. 15 feet. Packet, 10c.

### Morning Glory

1274—Fine mixed. Ounce, 10c.

1276—Imperial Japanese, mixed. Ounce, 20c.

1278—Heavenly Blue. Foliage large; flowers 3 to 4 inches across; color sky blue. Packet, 10c.

### Moon Flower

1280—White. TA. 25 feet. Packet, 10c.

### Nasturtiums

#### TALL OR CLIMBING VARIETIES

Fine for covering arbors, trellises and rustic work. The green seed pods make excellent pickles. 5 to 8 feet.

1306—Tall Nasturtium, all colors mixed. Ounce, 10c; ¼ lb., 30c; lb., \$1.00.

1310—Hybrids of Madame Gunter. Has very few of the light yellow variety, which is such an objection in the commoner mixtures.

Petals much broader and colors more varied and brilliant than other sorts.

Foliage generally dark, contrasting very effectively with the rich colors. One of the best mixtures of Tall Nasturtiums. Ounce, 15c

#### Named Varieties

1290—*Atropurpureum*. Rich, velvety crimson. Oz., 15c.

1292—*Coccineum*. Bright orange scarlet. Oz., 15c.

1294—Golden-Leaved Scarlet. Oz., 20c.

1296—King Theodore. Velvety dark crimson, dark foliage. Oz., 25c.

1298—*Luteum*. Pure, rich yellow, no blotches. Oz., 20c.

1300—*Regellanum*. Purple violet. Oz., 15c.

1302—*Scheuerianum*. Straw color, splashed crimson, garnet blotches. Oz., 15c.

1304—Von Moltke. Bluish Rose. Oz., 25c.

1308—Lobb's, mixed. Smaller than the Tall Nasturtiums; useful for vases, rockwork, etc. Oz., 25c.



TALL NASTURTIUM

1312—PERENNIAL PEAS (*Lathyrus latifolius*). If you have a fence or stump to cover with a vine that makes lots of growth, bears attractive large clusters of flowers, and never dies, but increases in size every year, plant this. A very small growth will be made the first year. HP. Packet, 10c.

1314—Scarlet Runner. 2 oz. for 10c, postpaid.

1316—*Thunbergia*, mixed (*Black-Eyed Susan*). Handsome foliage and flowers. HHA. 6 feet.

1320—Wild Cucumber. A rapid climber.

Sweet Peas. (See yellow pages.)

### Mixture of Rapid Climbers

The question is often asked us, "what is the prettiest, quick-climbing vine you have?" There are so many pretty ones that it is hard to make a distinction. So we have put into mixture eight varieties, the foliage and flowers of which harmonize.

Includes vines which succeed in shady, cool positions, and those that do best in dry, sunny ground; thus you are sure to have an abundance of vine with the prettiest flowers and foliage, no matter where planted. The different types of leaves and changes in color amongst the various flowers give a beautiful effect. Per packet, 10c; oz., 50c.

# Flower Seeds for Special Purposes

This list should be appreciated by anyone who has a certain place where he wants a flower to grow and does not know what variety to select that is best suited for the purpose.

Other varieties than are included below that may be just as good for the purpose, are omitted for lack of space for them all.

## Window Boxes

Numbers — 514, 592, 596, 710, 756, 764, 814, 840, 942, 1076, 1270, 1316, 1310.

### Low Growers — For Masses of Color

<b>White.</b>	Numbers —	514	624	726	1086	548
<b>Red.</b>	Numbers —	1024	1294	694	968	---
<b>Blue.</b>	Numbers —	510	598	778	812	860
<b>Yellow.</b>	Numbers —	746	1074	830	----	---

### For Bouquets

Numbers — 500, 510, 514, 1132, 558, 570, 584, 612, 614, 626, 654, 672, 702, 688, 732, 760, 768, 1136, 774, 806, 812, 854, 962, 842, 836, 1042, 1044, 1084.

### For Vases and Hanging Baskets

Numbers — 510, 514, 592, 604, 884, 1270, 686, 756, 812, 854, 896, 898, 1034, 626, 840, 886, 918, 936, 978, 1030, 1038, 1084, 1098, 1308.

### Dwarfs — For Edgings or Borders

Numbers — 510, 514, 686, 664, 726, 1008, 778, 812, 842, 860, 912, 736, 658, 1094, 790, 955.

### Fragrant Flowers

Numbers — 514, 634, 776, 778, 840, 834, 888, 1504, 732, 1062, 1066, 1046, 1084, 1100, 1104, 626.

### Ornamental Leaves

Numbers — 524, 534, 628, 686, 750, 716, 868, 1012, 1014, 1168, 666, 754.

As all Flower Seeds are ordered from us by their number, we have not mentioned the names in this list.

Any variety that you know the number of can readily be found in the preceding pages.

## Seeds of Winter-Blooming Plants

### And How to Sow FINE Seeds

Many of the choicest varieties can readily be grown in the house by those who are willing to give them careful attention. For winter blooming, the seed should be sown in shallow boxes any time during the spring or summer. Procure a mellow soil, almost one-fourth sand; sow the seeds on the surface, covering lightly with a little fine, sandy earth; cover the box with a pane of glass, keep darkened, and keep the soil slightly moist until the seeds germinate, when light and air should be admitted by partially or entirely removing the glass and placing boxes in a warm, sunny window. When the plants are large enough to handle, they should be potted singly into small pots, and afterward removed to six-inch pots for flowering; to insure an abundance of fine bloom in winter they should be kept growing vigorously during summer and fall in good, rich soil. Florists, as well as amateurs, can rely upon our strains of Begonias, Calceolaria, Cineraria, Coleus, Gloxinias and Primulas being of the very best. They are produced by growers who make them specialties, and we know them to be of the finest quality.

## Some Common English and Botanical Names of Flowers

Both the common and botanical names are given as far as space below will permit. If you know either one name or the other it will be easy to find its number. All are put up in richly colored packets.

\*Always order by number, as well as name

Number.	Number.	Number.			
Abronia .....	500	Eschscholtzia .....	746	Painted Daisies .....	672
Adlumia .....	502	Euphorbia .....	748	Pansy .....	900
Adonis .....	504	Evening Primrose .....	896	Papaver .....	972
Ageratum .....	510	Fennel Flower .....	894	Passion Flower .....	930
Agrostemma .....	1018	Ferns .....	754	Pentstemon .....	934
Althea Rosea .....	784	Feverfew .....	836	Periwinkle .....	1088
Alyssum .....	514	Flora's Paint Brush .....	600	Petunia .....	936
Amaranthus .....	520	Floss Flower .....	510	Pheasant's Eye .....	504
Amethyst .....	598	Flowering Flax .....	810	Phlox .....	952
Antirrhinum .....	528	Flowering Purslane .....	976	Picotee .....	640
Angel's Trumpet .....	782	Flowering Sage .....	1024	Pink .....	732
Aquilegia .....	696	Forget-Me-Not .....	860	Polyanthus .....	1000
Arabis Alpina .....	532	Four O'clock .....	832	Poppy, Annual .....	962
Asparagus .....	534	Foxglove .....	740	Poppy, California .....	746
Aster .....	540	French Honeysuckle .....	776	Portulacea .....	976
Auricula, Garden .....	998	Fuchsia .....	756	Pot Marigold .....	608
Bachelor's Button .....	652	Gaillardia .....	760	Primrose .....	990
Balsams .....	582	Gaura .....	762	Prince's Feather .....	522
Bartonia .....	590	Geranium .....	764	Pyrethrum .....	1008
Begonia .....	592	Gilia .....	768	Reseda .....	838
Bellis .....	726	Gillyflower .....	1044	Ricinus .....	1012
Blanket Flower .....	760	Gloxinia .....	770	Rock Cross .....	532
Brachycome .....	596	Godetia .....	772	Rocket .....	1062
Browallia .....	598	Golden Feather .....	1008	Rock Madwort .....	514
Cacalia .....	600	Grass Pinks .....	958	Roses .....	1016
Cactus .....	602	Gypsophila .....	774	Rose Campion .....	1018
Calceolaria .....	606	Hawk's Beard .....	708	Rose Moss .....	976
Calandrinia .....	604	Heartsease .....	900	Salpiglossis .....	1026
Calendula .....	608	Hedge Mustard .....	744	Salvia .....	1024
California Poppy .....	746	Hedysarum .....	776	Sand Verbena .....	500
Calliopsis .....	610	Helianthus .....	1056	Saponaria .....	1030
Callirhoe .....	614	Heliotrope .....	778	Satin Flower .....	786
Campanula .....	618	Hesperis .....	1062	Scabiosa .....	1032
Candytuft .....	624	Hibiscus .....	780	Scarlet Sage .....	1024
Canna .....	628	Hollyhock .....	784	Schizanthus .....	1034
Canterbury Bells .....	618	Honesty .....	786	Sensitive Plant .....	1036
Cape Marigold .....	608	Horn of Plenty .....	728	Silene .....	1038
Carnation .....	634	Iberis .....	624	Smilax .....	1040
Castor Oil Bean .....	1012	Ice Plant .....	788	Snapdragon .....	528
Catch-Fly .....	1038	Indian Shot .....	628	Snow on the Mountain .....	748
Celosia .....	642	Ionopsidium .....	790	Star Thistle .....	662
Centaurea .....	652	Ipomopsis .....	792	Stevia .....	1042
Cheiranthus .....	1098	Jacobaea .....	794	Stocks .....	1044
Chinese Pink .....	732	Joseph's Coat .....	524	Sunflower .....	1056
Chinese Primrose .....	990	Lady's Ear Drops .....	756	Swan River Daisy .....	596
Chrysanthemum .....	672	Lady Slippers .....	582	Sweet Alyssum .....	514
Cineraria .....	678	Lady's Work Pocket .....	606	Sweet Rocket .....	1062
Clarkia .....	680	Lantana .....	796	Sweet Sultan .....	662
Clianthus .....	684	Larkspur .....	802	Sweet William .....	1066
Climbing Fumitory .....	502	Leptosiphon .....	806	Sweet Violet .....	1100
Cockscomb .....	692	Linaria .....	808	Tagetes .....	828 and 1074
Coleus .....	686	Linum .....	810	Tassel Flower .....	600
Collinsia .....	688	Lobelia .....	812	Ten Weeks Stock .....	1044
Columbine .....	696	Love-in-a-Mist .....	894	Touch-Me-Not .....	582
Collomia .....	690	Love-Lies-Bleeding .....	520	Toadflax .....	532
Convolvulus .....	858	Lunaria .....	786	Torenia .....	1076
Corn Bottle .....	652	Lupinus .....	818	Tropaeolum .....	882
Corn Flower .....	652	Malope .....	824	Trumpet Flower .....	728
Cosmos .....	702	Marigold .....	828	Tulip Poppy .....	978
Crepis .....	708	Marsh Mallows .....	780	Unicorn Plant .....	826
Crimson Flax .....	810	Marthia .....	826	Umbrella Plant .....	716
Cuphea .....	710	Marvel-of-Peru .....	832	Venus' Looking Glass .....	618
Cyclamen .....	712	Matricaria .....	836	Venus' Navelwort .....	714
Cynoglossum .....	714	Mesembryanthemum .....	788	Verbena .....	1080
Cypress, Standing .....	792	Mexican Fire Plant .....	750	Vinca .....	1088
Cyperus Alternifolius .....	716	Mignonette .....	838	Violet .....	1100
Dahlia .....	722	Mimosa .....	1036	Virginian Stock .....	1098
Daisy, Double .....	726	Mimulus .....	854	Wallflower .....	1102
Daisy, Swan River .....	596	Monkey Flower .....	854	Whitlavia .....	1110
Datura .....	728	Morning Glory .....	858	Youth-and-Old-Age .....	1112
Delphinium .....	802	Mourning Bride .....	1032	Zinnia .....	1112
Devil-in-a-Bush .....	894	Mountain Fringe .....	502		
Dew Plant .....	788	Musk Plant .....	854		
Diamond Flower .....	790	Myosotis .....	860		
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Digitalis .....	740	Nemophila .....	886		
Dusty Miller .....	664	Nicotiana .....	888		
Dwarf Morning Glory .....	858	Nigella .....	894		
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Everlastings, Ornamental Grasses and Vines are not included above—find them on the pages preceding 126.

**TRY A DUSTING OF  
WALKER'S PLANT  
FOOD  
ON YOUR POT PLANTS**

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