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Shumway's

SEEDS & BULBS

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U. S. Department of Agriculture

PRODUCE THE ANTICIPATED
RESULTS



ESTABLISHED 1870

R.H. Shumway

ROCKFORD, ILL.

C. N. Sheemaker

Foreword

AFTER 58 years serving the gardening and farming public, it seems unnecessary to tell of the quality of seeds handled. That alone should be proof sufficient that only the choicest stocks and finest grades are carried. No business house can long continue, by not giving full value for money received.

Our seeds are all tested for germination, from **SELECTED STOCKS**. We know when shipments are made that each and every **WELL FILLED** package contains seed of **HIGH GERMINATION**; which will produce **RESULTS** for the customer if **PROPERLY CARED FOR** and **SUFFICIENT MOISTURE** provided.

Please mail your orders as early as possible after receiving this catalogue. We are well equipped to handle several thousand orders a day, but during the rush in March it is very difficult to give the prompt service that we do in February.

Our **MARKET GARDENERS' STRAINS** of all seed are offered at prices that are as low as it is possible to sell selected stocks.

"SEEDS AT LOWER PRICES may mean SEEDS OF LOWER QUALITY." Remember, **GOOD SEED** is one of the cheapest commodities purchased, considering the return from it.

WE PAY POSTAGE AND EXPRESS on all seeds except where otherwise noted. When a quantity is ordered at wholesale prices we reserve the right to inclose with the shipment the smaller packages which were ordered at the mail price. For this privilege we add extra packages to well satisfy our customers and the addition of these packages does not increase the transportation charge. A liberal amount of extra packages is presented with every order. If they are omitted in your order, please let us know at once, and they will be sent to you under separate cover.

If interested in tulips, hyacinths, narcissus, crocus, peonies, iris and lilies, request a fall catalogue, giving name and address on separate slip of paper. One will be mailed you during the month of August.

All remittances must be made with the orders, by an approved method. Money orders, bank draft or certified check. If currency is used it is well to register the letter, then it is not as safe as a money order. No goods shipped **C. O. D.**

NOTICE: We guarantee safe arrival of your order, and the seeds and bulbs up to the value of the purchase price. However, in common with all reliable seedsmen, we give no warranty, express or implied, as to purity, description, quality, productiveness, or any other matter or seeds or bulbs sent out, and will in no way be responsible for the crop. If the purchaser does not accept the goods on these terms they are to be returned at once.

(Signed) R. H. SHUMWAY, Seedsman.

TABLE OF WEIGHTS PER BUSHEL

Smooth Peas.....60 lbs.	Onion Sets.....32 lbs.
Wrinkled Peas....56 lbs.	All Clovers.....60 lbs.
Early Sweet Corn..50 lbs.	Timothy.....45 lbs.
Late Sweet Corn..45 lbs.	Field Corn.....56 lbs.
Lima Beans.....56 lbs.	Oats.....32 lbs.
All Other Beans...60 lbs.	Cane.....50 lbs.

Wholesale Prices to Large Planters

The purchaser must pay transportation charges when seeds are ordered at these prices. No charge will be made for bags or boxes.

BEANS (CROP SHORT)

	2 lb.	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Giant Stringless	60c	\$1.15	\$2.20	\$5.25	\$10.25	\$20.00
Refugee or 1000 to 1	55c	1.00	1.90	4.70	9.25	18.00
Improved R. P. Valentine	50c	.90	1.75	4.35	8.50	16.50
Pencil Pod Wax	50c	1.00	1.90	4.70	9.25	18.00
Lazy Wife	60c	1.15	2.20			
Old Homestead	45c	.90	1.75	4.25	8.25	16.00
Bountiful	60c	1.15	2.20	5.25	10.25	20.00
Shumway's Rust Proof	50c	1.00	1.90	4.70	9.25	18.00
Tennessee Green Pod	55c	1.10	2.00	4.85	9.50	18.50
Hodson Wax	60c	1.00	1.90	4.70	9.25	18.00
Davis Kidney Wax	55c	1.10	2.00	4.85	9.50	18.50
Currie's Rust Proof	50c	.95	1.85	4.50	8.75	17.50
Unrivaled Wax	65c	1.25	2.35	5.75	11.25	22.00
Wardwell's Kidney Wax	65c	1.25	2.40	5.75	11.25	22.00
Burpee's Stringless	55c	1.05	1.90	4.70	9.25	18.00
Full Measure	45c	.90	1.75	4.35	8.50	16.50
Long Yellow Six Weeks	60c	1.15	2.20	5.25	10.25	20.00
Prolific Black Wax	50c	1.00	1.90	4.70	9.25	18.00
Improved Golden Wax	55c	1.10	2.00	4.85	9.50	18.50
Brittle Wax	75c	1.35	2.60	6.25		
White Mexican or Tree	40c	.85	1.65	4.00	7.75	15.00
White Marrow	40c	.85	1.65	4.00	7.75	15.00
Long White Kidney	40c	.85	1.65	4.00	7.75	15.00
Long Red Kidney	40c	.85	1.65	4.00	7.75	15.00
Navy (Robust Strain)	38c	.80	1.50	3.70	7.25	14.00
White Creaseback	45c	.90	1.75	4.25	8.25	16.00
Cutshort or Cornfield	50c	.95	1.85	4.50		
Burpee's Bush Lima	60c	1.15	2.20	5.25	10.25	20.00
Henderson's Bush Lima	50c	1.00	1.80	4.40	8.65	17.00
Dreer's Bush Lima	65c	1.25	2.30	5.70	11.25	22.00
Fordhook Bush Lima	70c	1.30	2.40	6.15	12.00	23.50
King of the Garden	60c	1.15	2.20	5.25	10.25	20.00
Large White Lima	55c	1.00	1.90	4.70	9.25	18.00

SWEET CORN

(Late Varieties Short Crop)

	2 lb.	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Stowell's Evergreen	45c	\$0.95	\$1.75	\$4.25	\$8.25	\$16.00
Select White Evergreen	45c	.95	1.75	4.25	8.25	16.00
Mam. Late Sugar	45c	.95	1.75	4.25	8.25	16.00
Golden Evergreen	45c	.95	1.75	4.25	8.25	16.00
Early Evergreen	35c	.85	1.50	3.60	7.00	13.50
Golden Bantam	35c	.85	1.60	3.75	7.25	14.00
Champion Sugar	35c	.85	1.50	3.60	7.00	13.50
Market Gardener's	42c	.95	1.70	3.85	7.50	15.50
Howling Mob	38c	.90	1.70	4.00	7.50	14.75
Ex. Early Cory	32c	.80	1.40	3.30	6.50	12.75
Early Crosby	32c	.80	1.40	3.30	6.50	12.75
Mam. White Cory	35c	.85	1.60	3.75	7.25	14.00
Kendall's Giant	35c	.85	1.50	3.60	7.00	13.50
Country Gentleman	50c	1.00	1.85	4.50	8.75	17.00
Early Minnesota	32c	.80	1.40	3.30	6.50	12.75
White Mexican	38c	.90	1.65	3.75	7.25	14.00
Ext. Early Adams	30c	.65	1.20	2.75	5.25	10.00
Yaeger's Golden Sunshine						
(New) Stock limited	80c	1.90				

PEAS

(Crop Short)

	2 lb.	5 lb.	10 lb.	25 lb.	50 lb.	100 lb.
Shumway's Perfection	45c	\$0.95	\$1.85	\$4.50	\$8.75	\$17.00
Sutton's Excelsior	50c	1.00	1.90	4.70	9.25	18.00
Little Marvel	55c	1.15	2.20	5.25	10.25	20.00
American Wonder	45c	.95	1.85	4.50	8.75	17.00
First & Best	40c	.90	1.70	3.85	7.50	14.75
Tom Thumb	45c	.95	1.85	4.50	8.75	17.00
Philadelphia Ext. Early	40c	.90	1.70	3.85	7.50	14.75
Champion of England	45c	.95	1.85	4.50	8.75	17.00
Horsford Market Garden	40c	.85	1.65	3.75	7.35	14.50
McLean's Advancer	40c	.85	1.65	3.75	7.35	14.50
Ext. Early Gradus	50c	1.00	1.90	4.70	9.25	18.00
Thomas Laxton	50c	1.00	1.90	4.70	9.25	18.00
Laxtonian	60c	1.35	2.60	5.75	11.25	22.00
Imp. Large Telephone	50c	1.00	1.90	4.70	9.25	18.00
Dwarf Telephone	50c	1.00	1.90	4.70	9.25	18.00
Bliss Everbearing	45c	.95	1.85	4.50	8.75	17.00
Large White Marrowfat	40c	.85	1.65	3.75	7.35	14.50
Alaska	40c	.90	1.70	3.85	7.50	14.75
Ameer	45c	.95	1.85	4.50	8.75	17.00
Nott's Excelsior	50c	1.00	1.90	4.70	9.25	18.00
Alderman	50c	1.00	1.90	4.70	9.25	18.00
Melting Sugar	50c	1.00	1.90	4.70	9.25	18.00
Improved Stratagem	45c	.95	1.85	4.50	8.75	17.00
Premium Gem	45c	.95	1.85	4.50	8.75	17.00
McLean's Little Gem	45c	.95	1.85	4.50	8.75	17.00

ASPARAGUS

	1/2 lb.	1 lb.
Palmetto or Giant	.20	.35 .65
Conover's Colossal	.20	.35 .65
Barr's Mammoth	.20	.35 .65
Pedigreed Washington	.60	1.10 2.10
Martha Washington	.70	1.30 2.50

BEET

Dark Red Beauty	.25	.45 .80
Dark Blood Turnip	.25	.45 .80
Early Model	.30	.55 1.00
Market Gardener's	.25	.45 .80
Detroit Dark Red	.30	.55 1.00
Early Wonder	.35	.60 1.10
Early Egyptian	.20	.35 .65
Crosby's Egyptian	.30	.55 1.00
Crimson Purple	.30	.55 1.00
Early Eclipse	.20	.35 .65
Long Dark Blood	.25	.45 .80
Mammoth Mangel	.12	.22 .40
Golden Tankard	.12	.22 .40
Red Globe Mangel	.15	.30 .50
Yellow Globe Mangel	.15	.30 .50
Klein Wanzleben	.15	.30 .50
Imp. White Sugar	.15	.30 .50

CABBAGE

Charleston Wakefield	.70	1.35 2.65
Jersey Wakefield	.70	1.35 2.65
Copenhagen Market	.65	1.25 2.35
Early Summer	.60	1.10 2.15
Early Express	.60	1.10 2.15
Winningstadt	.60	1.10 2.15
Newark Dutch	.60	1.10 2.15
Hartmann's Copenhagen		
Market	1.10	2.00 3.90
Shumway's Imp. Sure-head	.60	1.10 2.15
Excelsior Flat Dutch	.55	1.00 1.85
All Season	.55	1.00 1.85
Premium Flat Dutch	.60	1.10 2.15
Autumn King	.55	1.00 1.85
Succession	.55	1.00 1.85
Allhead Early	.60	1.10 2.15
Imp. Large Drumhead	.55	1.00 1.85
Houseman's Mam.	.55	1.00 1.85
New Holland	.75	1.40 2.75
Shumway's Peerless	.55	1.00 1.85
Early Spring	.75	1.40 2.75
Danish Ballhead	.75	1.40 2.75

CARROT

Shumway's Early Mkt.	.30	.55 1.00
Early Chantenay	.35	.60 1.10
Early Long Forcing	.30	.55 1.00
Early Scarlet Horn	.25	.45 .80
Oxheart or Guerande	.30	.50 .90
Scarlet Perfection	.35	.70 1.40
Long White Belgian	.18	.30 .50
Mammoth Orange	.20	.35 .60
Imp. Long Orange	.18	.30 .50
Danver's Half Long	.30	.55 1.00
Nantes	.40	.75 1.35

CELERY

Golden Self Blanching	1.20	2.35 4.75
Giant Pascal	.75	1.45 2.80
White Plume	.70	1.35 2.60
Giant White Solid	.60	1.10 2.10
Kalamazoo	.60	1.10 2.15
Golden Plume	3.00	5.75

CUCUMBER

Early Fortune	.30	.55 1.00
Imp. Long Green	.25	.45 .80
Shumway's Pickling	.30	.55 1.00
Davis Perfect	.38	.70 1.30
Early Long Green	.28	.50 .90
Everbearing	.28	.50 .90
White Wonder	.30	.55 1.00
Chicago Pickling	.28	.50 .90
Shumway's Giant	.75	1.40 2.65
Fordhook Pickling	.28	.50 .90
Cool & Crisp	.28	.50 .90
Green Prolific	.25	.45 .80
Evergreen	.25	.45 .80
Imp. White Spine	.30	.55 1.00
Short Green	.28	.50 .90
Japanese Climbing	.40	.70 1.30
Early Green Cluster	.25	.45 .80

LETTUCE

	1/4 lb.	1/2 lb.	1 lb.
New York	.60	1.15 2.20	
Grand Rapids	.38	.70 1.30	
Hanson	.38	.70 1.30	
Big Boston	.40	.75 1.40	
Iceberg	.45	.85 1.65	
Early Curled Simpson	.35	.65 1.25	
Chartier	.32	.60 1.15	
Prizehead	.40	.75 1.40	
Black Seed Simpson	.40	.75 1.40	
Paris White Cos.	.32	.60 1.15	
Denver Market	.32	.60 1.15	
Giant Crystal Head	.40	.75 1.40	
Cal. Cream Butter	.32	.60 1.15	
Salamander	.32	.60 1.15	

MUSKMELON

Rocky Ford	.25	.45 .80
Hearts of Gold	.35	.60 1.15
Burrell's Gem	.25	.45 .80
Tip Top	.30	.55 1.05
Lake Champlain	.60	1.15 2.15
Bender's Surprise	.40	.75 1.40
Acme or Baltimore	.20	.35 .65
True Jenny Lind	.25	.45 .80
Early Green Nutmeg	.23	.40 .70
Princess or Ideal	.23	.40 .70

Asparagus

There is no doubt but what Asparagus is one of our most liked spring vegetables. It seems as if there should be an Asparagus bed in every garden. One ounce produces about 250 plants, 4 to 5 lbs. to the acre.

GIANT OR PALMETTO

An early variety that produces very large straight stalks. Adapted to all parts of the country. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

CONOVERS COLOSSAL

One of the standard large varieties of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

BARR'S MAMMOTH

This is a large quick growing tender variety widely used by many gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

PEDIGREED WASHINGTON

This variety is the result of very careful breeding by the experimental department of Agriculture at Washington, resulting in a strain that is considered rust resistant. The tips are tight and firm and do not begin to branch until the stalk is well above the surface. This feature makes it a very desirable variety for home as well as market use. Pkt., 8c; oz., 23c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.30.

MARTHA WASHINGTON

A later development of the above considered as rust resistant and equally as desirable for market purposes. The tips have a pinkish cast. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.40; lb., \$2.75.



NOTICE

Prices quoted by the ½ pound, pound and 2 pounds are postage paid. Five pounds and up are shipped at the purchaser's expense, by express or freight.

All prices listed in the catalog are postage paid except where otherwise noted.

Beans



GIANT STRINGLESS GREEN POD

A large strain of the Valentine type, long round green pods 6 inches in length, of exceptional quality, meaty and crisp. Not quite as early as Valentine, but much more prolific. Considered one of the best market gardeners' varieties and one of the most desirable for home planting. Ready for table use 60 days after planting. ½ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.

LONGFELLOW

An excellent variety for market gardening and canning. Pods are 6½ inches long, round, straight, dark green. Ready for table use 62 days from planting. ½ lb., 17c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.35; 50 lbs., \$8.50; 100 lbs., \$16.50.

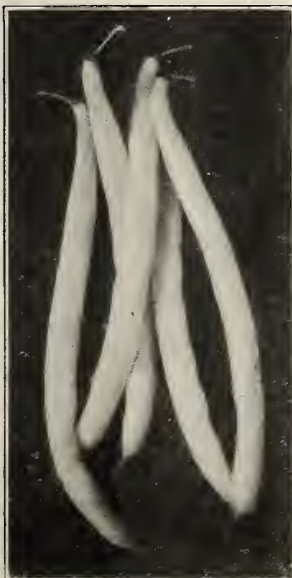


BOUNTIFUL STRINGLESS

This bean has long semi-round stringless green pods. A very early and prolific variety, another excellent home, as well as market gardeners' sort. ½ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.

PENCIL POD BLACK WAX

Very prolific variety bearing thick round stringless pods 6 to 7 inches long. Excellent market gardeners' variety. ½ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



WARDWELL'S KIDNEY WAX

A favorite of the market gardener, very beautiful, waxy, flat pods, 7 inches long. A very productive early variety. Grown in any part of the country. 60 days from planting to table. ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$5.75; 50 lbs., \$11.25; 100 lbs., \$22.00.

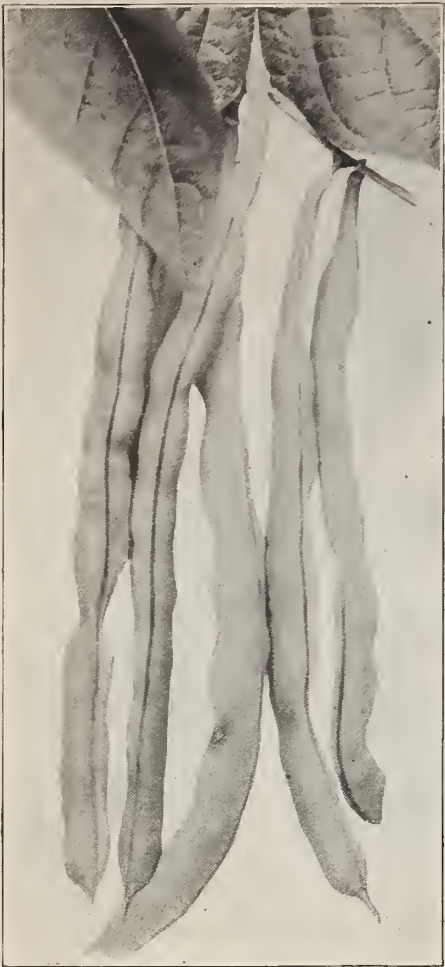
DAVIS WHITE KIDNEY WAX

A vigorous grower, very prolific, bearing long, straight, waxy-white pods carried well up from the ground. Excellent shipping variety. Ready in 58 days from planting. ½ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., \$4.85; 50 lbs., \$9.50; 100 lbs., \$18.50.

As Beans are planted two or three different times during the growing season, we feel that ½ lb. is the least amount anyone would wish for. If you think you need less remit 10c for a packet size of any variety listed.

In ordering specify for Beans
Inoculator size for 1 bu.,
\$1.00; ½ bu., 60c; ¼ bu., 40c;
Garden size, 20c.





OLD HOMESTEAD OR KENTUCKY WONDER

The old standard green pod pole bean. The most generally planted of all the pole varieties. Excellent for home and market gardening. Pods are 9 inches in length, nearly round and stringless. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00.

GOLDEN POD WAX POLE

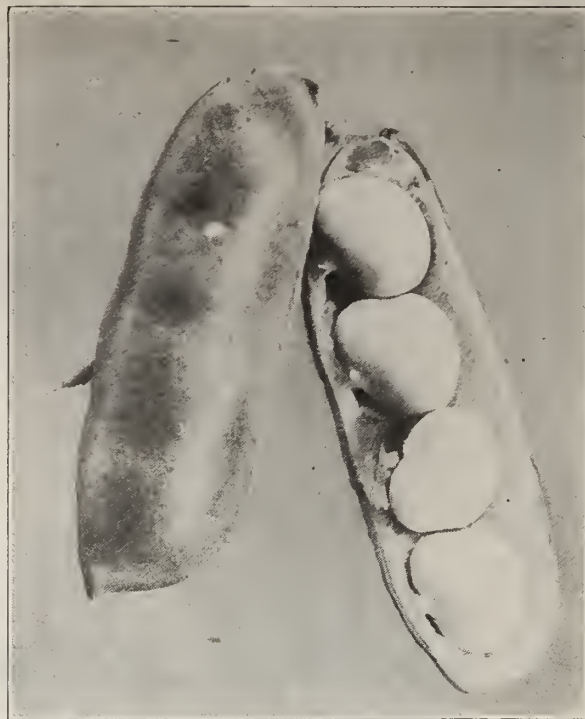
This variety resembles the Old Homestead in habit and growth as well as its prolific bearing. The pods are flat, waxy and stringless; 10 inches in length. $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25.



HODSON WAX

The best yielder for home garden; the season is medium early and vines bear a mass of long, semi-round, straight, waxy pods. $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.

Packet Size of Any Variety of Beans, 10c.



DREER'S BUSH LIMA

Bush form of Dreer's Pole Lima. Beans crowd each other in the pod, they are very thick and meaty. $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 25 lbs., \$5.70; 50 lbs., \$11.25; 100 lbs., \$22.00.



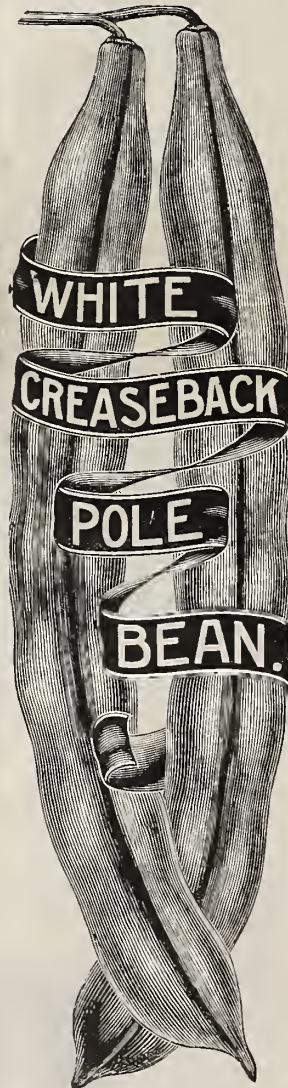
GOLDEN CLUSTER WAX POLE

Produces long, stringless, golden waxy pods. It is early and bears wonderfully all through the season until ruined by frost. $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.



In ordering specify for Beans

Inoculator size for 1 bu., \$1.00; $\frac{1}{2}$ bu., 60c; $\frac{1}{4}$ bu., 40c; Garden size, 20c.



WHITE CREASE BACK

Vigorous grower, wonderfully productive. Very early white variety, good to cook either green or dry. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00.

LAZY WIFE POLE

Excellent variety for snap as well as shell bean. Long, thick, stringless, green pods. $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20.



UNRIVALLED WAX

An immensely productive, first early variety. Pods are 5 to 5 $\frac{1}{2}$ inches long, rather narrow and as cut shows perfectly straight, somewhat flattened but very fleshy. Color is a clear yellow. The plants are large, vigorous, and can be called quite disease resistant. Without doubt this variety will be a leader with the market gardener as it is now with the home gardeners. $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40; 25 lbs., \$5.75. Stock limited.

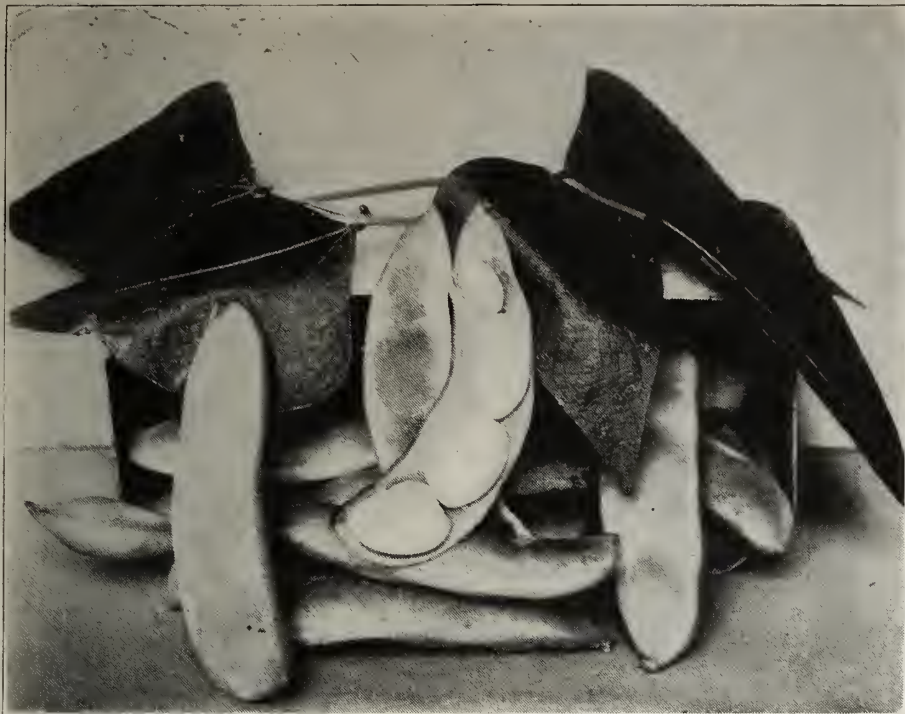


SHUMWAY'S RUST PROOF WAX

An improvement on the Golden Wax. Early, very prolific and a superior variety for general purposes. Pods are flat, straight and stringless. $\frac{1}{2}$ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.

CURRIE'S RUST PROOF

A variety extensively used by the market gardeners. The vine is of vigorous growth bearing long yellow flat, straight, pods of excellent quality. Practically rust proof. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.50.



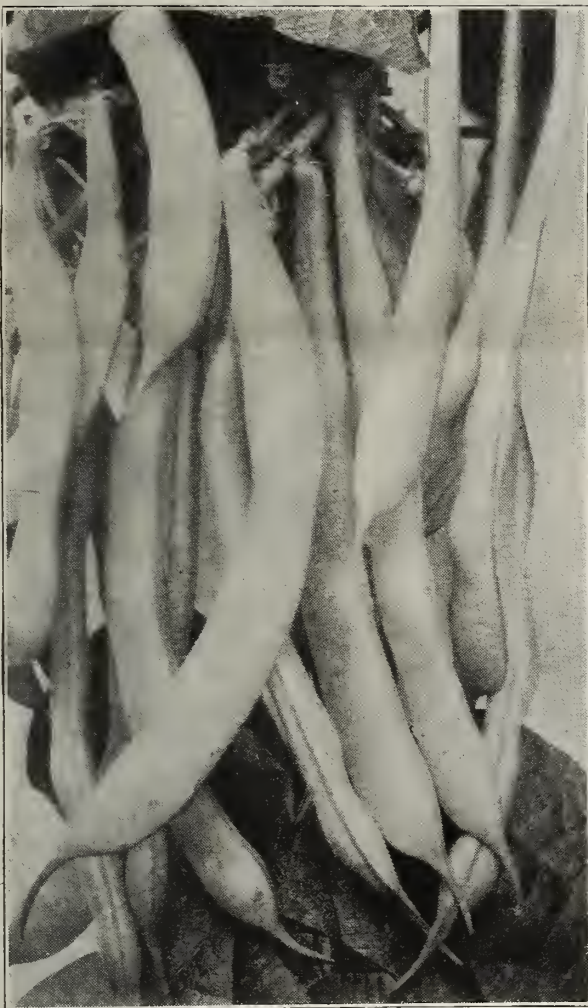
FORDHOOK BUSH LIMA

A perfected strain of Dreer's Bush. Beans are larger, however, but of the same general shape. It produces large pods well filled in clusters. The shelled beans are excellent in flavor and green in color. This variety is always in demand on the markets. 1/2 lb., 26c; lb., 47c; 2 lbs., 85c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 25 lbs., \$6.15; 50 lbs., \$12.00; 100 lbs., \$23.50.



BURPEE'S STRINGLESS GREEN POD

This is the leader in green pod varieties for general purposes. It is early and the vines bear long, round, thick pods, free from strings. Very attractive and excellent quality. 1/2 lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



IMPROVED GOLDEN WAX

Medium early, heavy cropper, vines of strong, bushy growth. The pods are golden yellow, brittle and solid. An excellent variety for all purposes. 1/2 lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.50.

DWARF HORTICULTURAL OR CRANBERRY

This variety does well in a cool climate. Its growth is compact, upright and vigorous. Very productive. Excellent for shelling and succotash. This variety is very popular in the East. 1/2 lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., \$4.85; 50 lbs., \$9.50; 100 lbs., \$18.50.



PROLIFIC BLACK WAX

A very early bush sort, bearing round, fleshy pods of good quality. Very productive, making it an excellent variety for both market and family gardens. 1/2 lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.

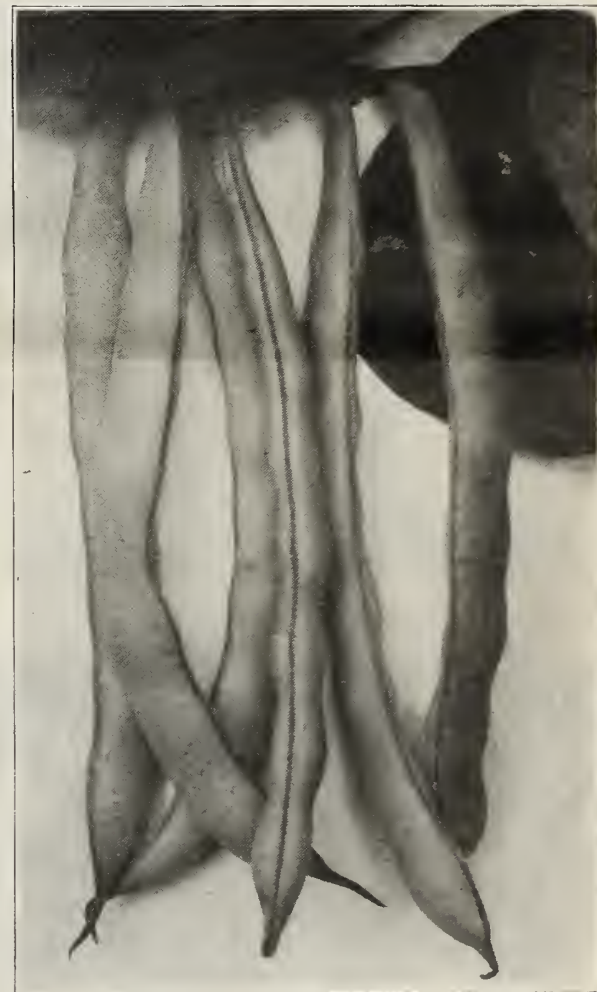
Packet Size of Any Variety of Beans, 10c

CUT SHORT OR CORNFIELD POLE

A popular variety in the South for planting in the corn, however, it yields well without support. The pods are short and flat. Quality good. 1/2 lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50.

BLACK VALENTINE

A variety not as early as Red Valentine from which this was developed. The pods are green, nearly round, straight, and slender growing in clusters. This variety is used by the large shippers and market gardeners. 1/2 lb., 17c; 1 lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.35; 50 lbs., \$8.50; 100 lbs., \$16.50.



BRITTLE WAX

A bean of excellent quality, very early and productive. Pods are long, round and stringless. This is considered the quality bean for home gardens and for market gardeners who sell on a local market. 1/2 lb., 27c; lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.60; 25 lbs., \$6.25. Very short crop.

EARLY LONG YELLOW SIX WEEKS

A green pod snap variety liked for its productiveness and adaptability to soil. Very hardy and will bring a full crop. 1/2 lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.

FULL MEASURE

This is a main crop variety, stringless, green, round pod. Excellent shipping variety. Very heavy yielder. Steadily growing in popularity. 1/2 lb., 17c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.35; 50 lbs., \$8.50; 100 lbs., \$16.50.



In ordering specify for Beans.

Inoculator size for 1 bu., \$1.00; 1/2 bu., 60c; 1/4 bu., 40c; Garden size, 20c.



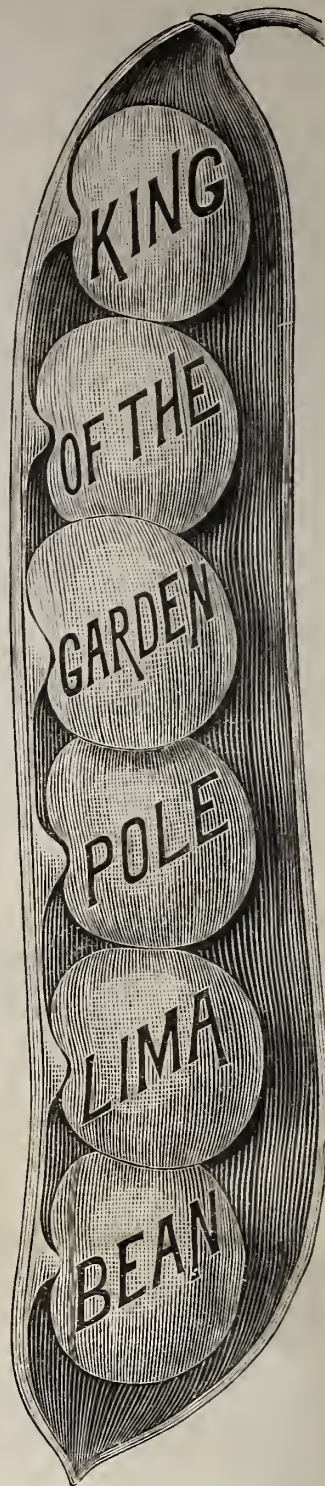
BURPEE'S BUSH LIMA

A bush type of the Large White Lima. Beans of the same size. It is considered one of the most desirable lima beans introduced, growing only 20 inches high and branching freely, bearing heavily. 1/2 lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.



REFUGEE OR 1000 TO 1

Very productive late variety particularly desirable for canning and pickling. Pods are green, large and nearly round. Excellent for shipping. 1/2 lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



KING OF THE GARDEN POLE LIMA

A variety that produces all through the season. Pods 5 to 8 inches long, well filled with beans of excellent quality. 1/2 lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.

LARGE WHITE LIMA

One of the best large pole varieties. Desirable for cooking in both the green as well as the dried stage. 1/2 lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



HENDERSON'S BUSH LIMA

This is without doubt the very earliest of all the Lima beans, but it is not as large as the others. It is more prolific and produces more than twice as many pods to each plant. The quality is excellent, being rich and delicious, plants bear continuously. 1/2 lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.40; 50 lbs., \$8.65; 100 lbs., \$17.00.



IMPROVED ROUND POD VALENTINE

An early standard variety doing well in cool ground. Very popular with the market gardeners as it is very prolific, bearing fleshy round green pods. Ready for table use in 50 days. 1/2 lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.75; 25 lbs., \$4.35; 50 lbs., \$8.50; 100 lbs., \$16.50.

DRY OR SHELL BEANS



SHUMWAY'S WHITE MEXICAN OR PROLIFIC TREE

Selected out of the Navy variety reducing the runners and making it a bush form variety. Very prolific, producing under normal conditions 20 to 30 bushels to the acre. An excellent bean used in the dried stage. 1/2 lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$4.00; 50 lbs., \$7.75; 100 lbs., \$15.00.

LARGE WHITE MARROW

Very hardy robust plant, bearing large round shaped beans, used when dry for baking or in soups. 1/2 lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$4.00; 50 lbs., \$7.75; 100 lbs., \$15.00.

WHITE NAVY FIELD

(Robust strain). Small white variety which has been greatly improved by practically eliminating the runners. Excellent yielder. 1/2 lb., 15c; lb., 27c; 2 lbs., 50c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$3.70; 50 lbs., \$7.25; 100 lbs., \$14.00.



TENNESSEE GREEN POD

A second early green pod variety. Because of its excellent flavor and quality it is considered a variety of merit. The pods are irregular, long and flat. Ready in 60 days after planting. 1/2 lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.00; 25 lbs., \$4.85; 50 lbs., \$9.50; 100 lbs., \$18.50.

LONG WHITE KIDNEY

A favorite variety in many markets, desirable as a shell bean for succotash or when dry for baking. 1/2 lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$4.00; 50 lbs., \$7.75; 100 lbs., \$15.00.

LONG RED KIDNEY

Good to be used as a shell or dry bean. It is used extensively for canning purposes. 1/2 lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$4.00; 50 lbs., \$7.75; 100 lbs., \$15.00.



In ordering specify for Beans
Inoculator size for 1 bu., \$1.00; 1/2 bu., 60c; 1/4 bu., 40c; Garden size, 20c.

Beets



MARKET GARDENERS OR HALF LONG

An excellent winter variety. Smooth, rich dark red, tender and crisp. Pkt., 6c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



CRIMSON PURPLE GLOBE

A second early main crop variety, medium size globe shaped, no side roots and perfectly smooth. The foliage is small, purple bronze in color. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



Early Eclipse

EXTRA EARLY DARK BEAUTY

One of the earliest beets we offer. Beautiful oval shape with a rich dark red color. The flesh is fine grained and cooks up very tender, its flavor is superb. Practically free from side roots and appears very smooth, thus making a good appearance on the market. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.

EXTRA EARLY ECLIPSE

Globular shaped root, flesh dark red, zones a lighter shade, sweet and tender. Pkt., 7c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

EXTRA EARLY LENTZ

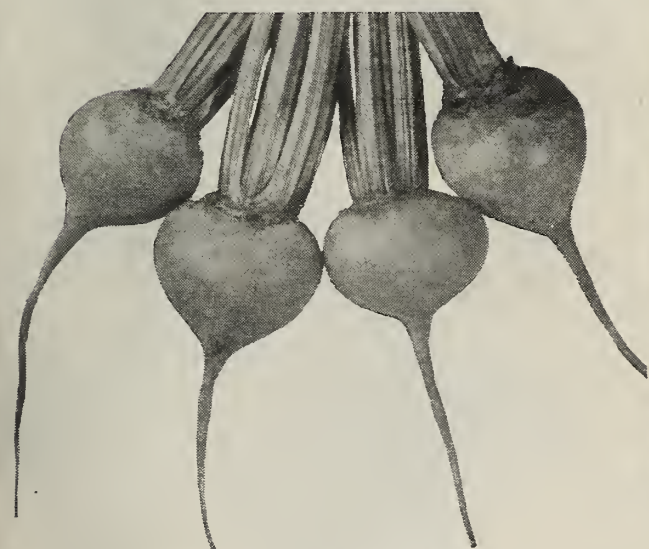
A choice strain of extra early Beets, small tops, never stringy or woody. Smooth, perfect shaped variety. Pkt., 6c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



DETROIT DARK RED TURNIP

Main crop variety unequalled for its desirable size, shape and color. Produces the largest crop of any variety. The extra selected strain that we carry is readily sought for by the market gardening trade. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.

Swiss Chard



CROSBY'S EGYPTIAN

This variety is used extensively by the market gardeners. Uniformity of shape and color has made this one of the most popular varieties. It is a deep red in color and the flesh very sweet. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.

EXTRA EARLY EGYPTIAN

Considered the best variety for forcing an early crop. Roots are dark red, round top and flat beneath, not many tops. Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



This variety of beet is grown exclusively for use as greens; it replaces spinach during the hot summer months. The plants are hardy and will yield all summer long until heavy frosts kill them.

LUCULLUS

The leaves of this variety of chard are heavily crumpled and savoyed, deep green in color, being nearly the color of spinach. The mid-rib or thick white stalk may be creamed like asparagus. Do not pull up the plants; cut off the outer leaves and a small patch of it will provide greens all summer long. Pkt., 7c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



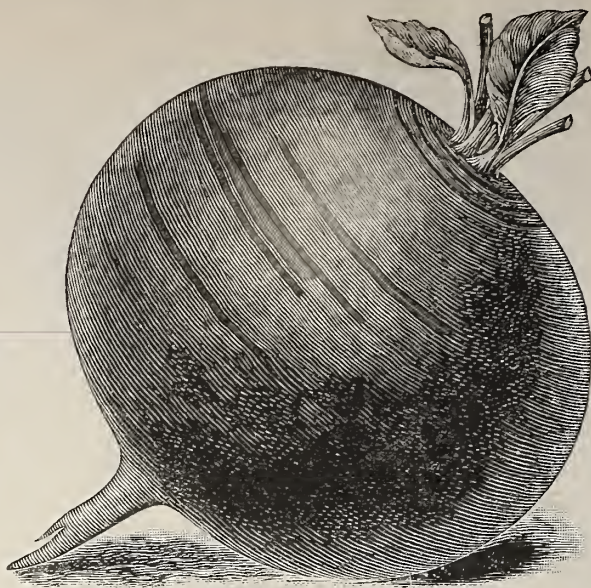
EXTRA EARLY DARK BLOOD TURNIP

Beautiful color and shape, only a few leaves, very small tap root without any side roots. Very smooth and large for an extra early variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



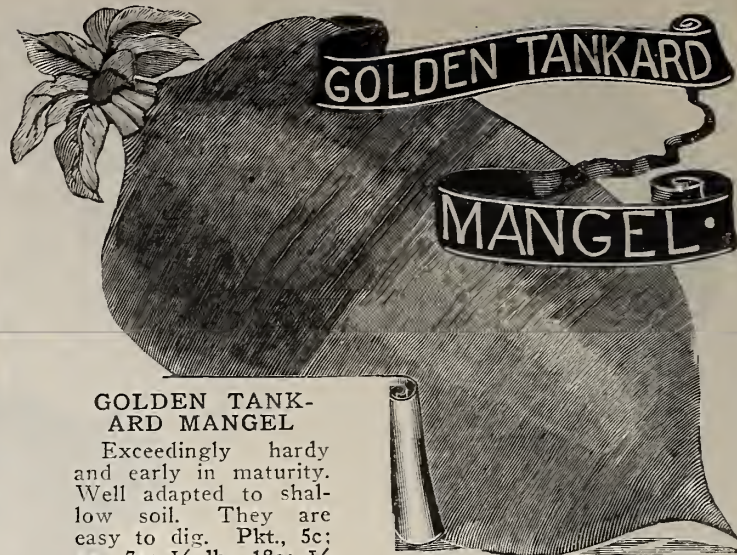
EARLY WONDER

This variety is of the Egyptian strain but we feel it is superior in shape and color. The cross sections show almost no light zones and the dark red color and short tops make it a desirable variety for the gardener. Pkt., 8c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



EXTRA EARLY MODEL BEET

A variety of recent introduction selected for its blood red color and for its smooth uniform globe shape. No light rings in the cross sections. An excellent variety for home gardening, and on account of its earliness well adapted for market use. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



GOLDEN TANKARD MANGEL

Exceedingly hardy and early in maturity. Well adapted to shallow soil. They are easy to dig. Pkt., 5c; oz., 7c; ¼ lb., 18c; ½ lb., 30c; lb., 55c.

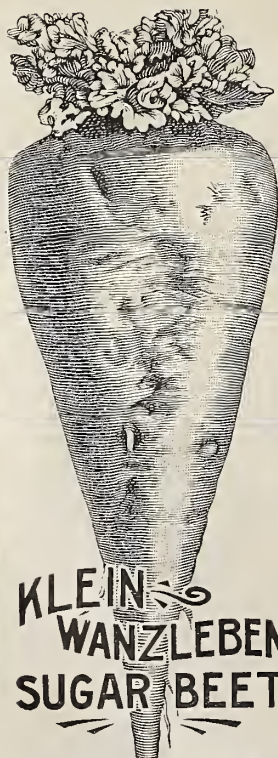


GLOBE SHAPE MANGEL WURTZEL

A desirable variety for planting in shallow soil. Comparatively easy to dig as it has a short oblong root. A good keeper for winter use.

Yellow—Pkt., 5c; oz., 7c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.35, postpaid.

Red—Pkt., 5c; oz., 7c; ¼ lb., 20c; ½ lb., 35c; lb., 60c.



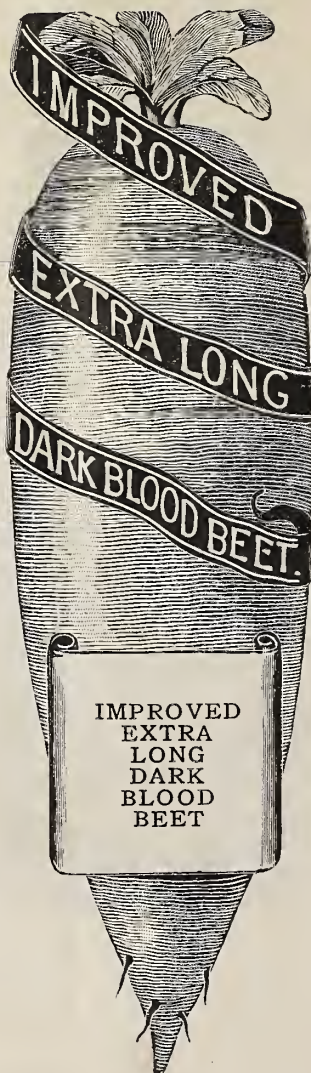
KLEIN WANZLEBEN SUGAR BEET

KLEIN WANZLEBEN BEET

An excellent variety for stock food. A good tonnage per acre. Pkt., 5c; oz., 7c; ¼ lb., 20c; ½ lb., 35c; lb., 60c.

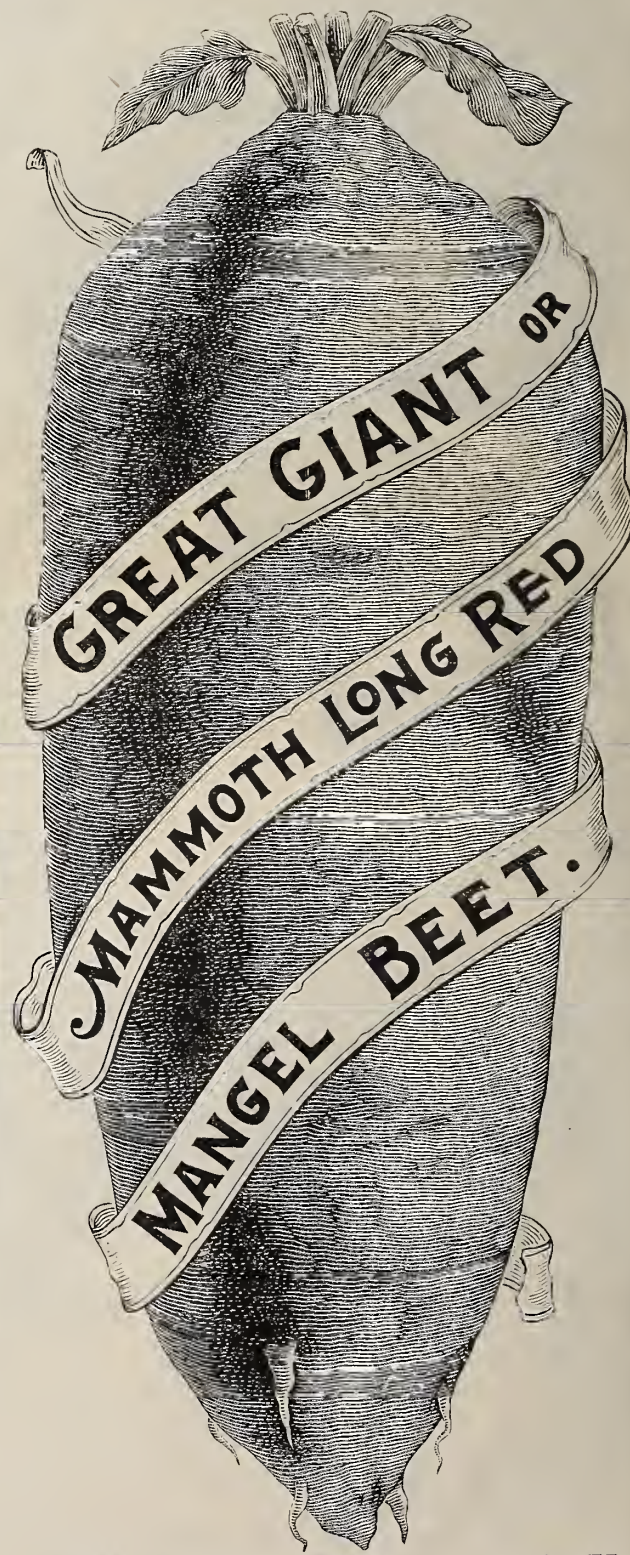
IMPROVED WHITE SUGAR BEET

A large, sweet, choice beet, like the Mangels. Grown extensively for feeding stock, contains a large per cent of sugar. Pkt., 5c; oz., 7c; ¼ lb., 20c; ½ lb., 35c; lb., 50c; 5 lbs., \$2.10.



IMPROVED EXTRA LONG DARK BLOOD BEET

By careful selection this has been brought to a standard of excellence, uniform in size and shape, very smooth, dark red and sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



GREAT GIANT OR MAMMOTH LONG RED MANGEL BEET

The largest mangel beet in cultivation, regular shape, growing half out of the ground. Blood red in color, very smooth. The greatest tonnage per acre is secured from this variety. Pkt., 5c; oz., 7c; ¼ lb., 18c; ½ lb., 30c; lb., 55c. 5 lbs., \$2.25; 10 lbs., \$4.00, postpaid.

Cabbage

CULTURE

One of the vegetables enjoyed the year round. About the last of February or the first of March sow the seeds of early varieties in a box, transplanting the seedlings into flats a fair distance apart as soon as they are large enough to transplant. When the weather permits set out of doors each day for a little air to help harden them off. About the middle of April, in the latitude of Northern Illinois, or first of May, set into the open ground in rows 2½ feet apart, the plants about 2 feet apart in the row, keep well cultivated. The same method may be used with the second early varieties, transplanting them about the middle of May into the open ground. At this time plant the seed of the late winter varieties in the open ground, about July 1st they are ready to be set into their permanent position. Sprinkle Slug Shot over the plants if the cabbage worm appears.



EARLY SUMMER

A second early variety, maturing large, solid, flat heads with short outer leaves, therefore can be planted very close in rows. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



EXTRA EARLY EXPRESS

Compact oval head large for the size of the plant. Thicker and less pointed than the Wakefield type. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



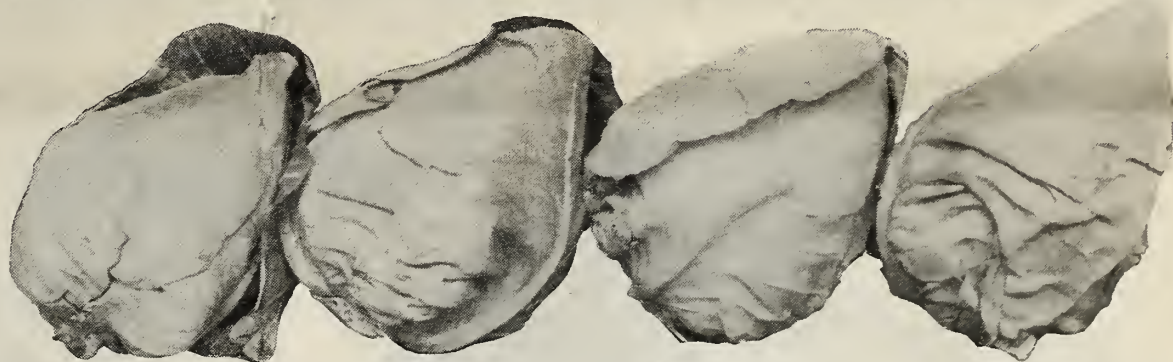
CHARLESTON WAKEFIELD

This variety is very similar to Jersey Wakefield but it is a few days later and the heads considerably larger. Long Island seed from selected stock. Pkt., 10c; oz., 28c; ¼ lb., 80c; ½ lb., \$1.40; lb., \$2.75.



EARLY WINNINGSTADT

A conical shaped variety, sure header and good keeper. Considered one of the best varieties for general use. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



EARLY JERSEY WAKEFIELD

An extra early cone shaped head cabbage. Its earliness and hard heading makes this one of the most desirable for early markets. Successfully grown anywhere in the United States. Seed we have to offer of this variety is produced on Long Island, generally conceded as producing the finest seed. Pkt., 10c; oz., 28c; ¼ lb., 80c; ½ lb., \$1.40; lb., \$2.75.



NEWARK EARLY DUTCH

A valuable second early variety, solid heads weighing 10 to 12 lbs. Considered one of the best in this class, as it stands long without bursting. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



COPENHAGEN MARKET

One of the earliest large heading varieties. Now in great demand and used extensively to follow first early, very popular with the market gardeners. Heads solid, round and perfect form. Pkt., 10c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35; lb., \$2.50.

Yellows Resistant Varieties:

Within the last ten years the spread of the disease known as cabbage yellows has become very pronounced and can now be found over the entire middle west.

Various governmental experiment stations have been working on this problem and we are now able to offer two varieties which are very largely immune to the disease.

The disease is easily identified by the gradual yellowing of the plant, beginning generally on one side and spreading around until the whole plant dies. If you notice this condition on your place or in cabbage near you you should use seed of the resistant sorts.



WISCONSIN HOLLANDER NO. 8

Bred for resistance from a good strain of Danish Ball Head, produces large round heads, very heavy crop and an excellent storage cabbage. Pkt., 15c; oz., 40c; ¼ lb., \$1.25; ½ lb., \$2.40; lb., \$4.50.

WISCONSIN ALL SEASONS

A medium season flattened cabbage bred from one of the old standard varieties to be especially immune to Yellows disease—produces a large head and is well bred, uniform and hardy. An excellent Kraut cabbage. Pkt., 15c; oz., 40c; ¼ lb., \$1.25; ½ lb., \$2.40; lb., \$4.50.



EXCELSIOR LATE FLAT DUTCH

A variety which produces very large heavy flat uniform heads. When opened the leaves are very white, crisp and tender. A good keeper. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.



ALL SEASONS

A good second early variety of the Drumhead type. Large solid heads. An exceptionally good keeper for a mid-season variety. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.



HARTMAN'S RESELECTED COPENHAGEN MARKET

This is a selection made by the introducer of Copenhagen Market. It has the same general shape as the parent but is selected for a small solid heading variety. Heads 4 to 6 lbs. We suggest trying out this variety alongside of Golden Aere. We see no difference. Without doubt this is the best variety to grow for market as so many people nowadays want a small heading cabbage. Pkt., 12c; oz., 35c; ¼ lb., \$1.10; ½ lb., \$2.10; lb., \$4.00.



SHUMWAY'S IMPROVED SUREHEAD

Produces very large perfect shaped heads similar to Flat Dutch, uniform in shape and very sure heading. None have finer texture. Very popular variety for market as well as home use. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



PREMIUM LATE FLAT DUTCH

This is the most popular of the late flat-headed varieties. Selected strain of this variety which produces solid uniform heads of finest quality. Sow the seeds in the open ground and thin out or transplant into the proper distance apart in the row. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.

AUTUMN KING

It is one of the most popular of the late flat headed varieties for the market. Dark green leaves, solid flat head, a good keeper, fine quality for both home and market. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.

SUCCESSION OR MID-SUMMER CABBAGE

A variety that can be used as a summer as well as a late variety by successive plantings. Quick to mature and sure to head. A good variety for market gardeners where their market calls for large heads. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.



BRUSSELS SPROUTS

The heads resemble very small cabbages, being formed on a plant stalk. The flavor of Brussels Sprouts is greatly improved after a frost. The culture is the same as for cabbage. When wanted late, sow the seed in June. Pkt., 10c; oz., 25c; ¼ lb., 90c.



SHUMWAY'S EARLY PEERLESS
A choice early variety, uniform round shaped heads growing on a short stem. Sure heading, solid and good keeper. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.

EARLY SPRING

An early variety with much merit. Solid oval head which forms very compactly. Desirable for family garden and market. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.



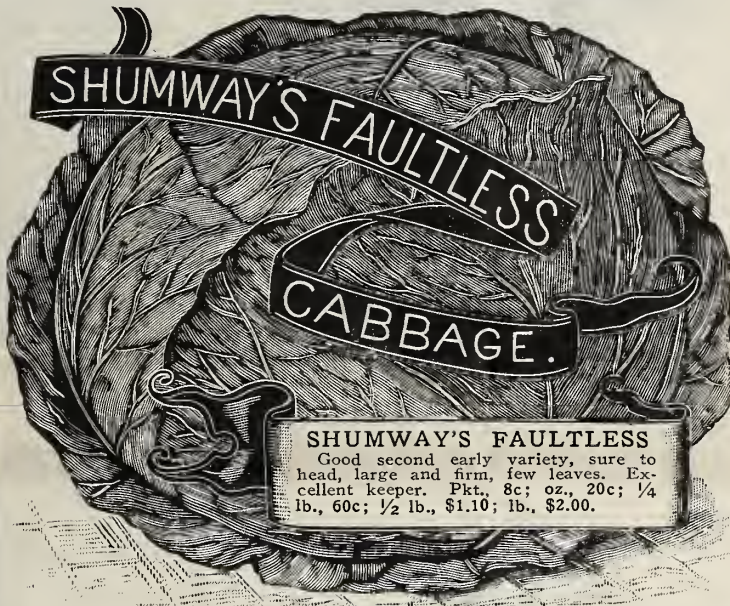
ALLHEAD EARLY OR SOLID SOUTH

This variety matures uniform large heads of excellent quality. Successive plantings will insure cabbages for use through the summer and winter. A good keeper. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



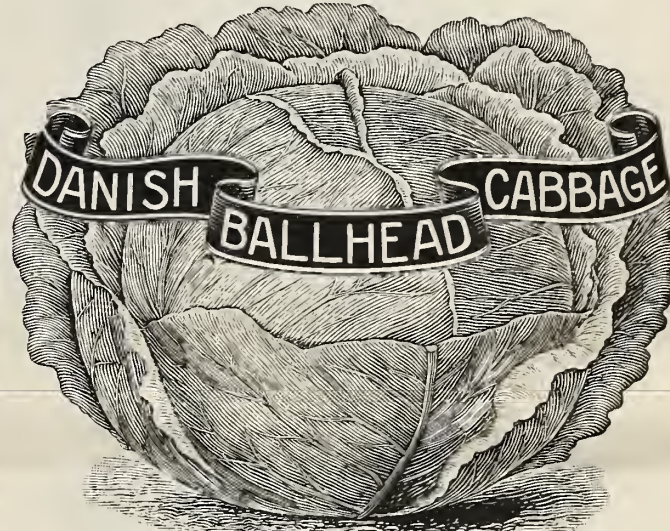
CHINESE OR CELERY CABBAGE

Wongbok. This variety seems to be an improvement over all the others, therefore we are only listing the one. The seed should be sown in the vicinity of Chicago about the last week in July or first week of August. The one outstanding requirement for good celery cabbage is cool weather. The plants grow rapidly, large, tightly folded heads which are well blanched in the heart. Very desirable as a salad and boiled it is more palatable than cabbage. Don't pass up this very popular vegetable. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; ½ lb., \$1.85; lb., \$3.40.



SHUMWAY'S FAULTLESS
Good second early variety, sure to head, large and firm, few leaves. Excellent keeper. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.

Destroys bugs, beetles, green or black flies, caterpillars, lice, worms, etc. Prepaid, lb., 30c; 5 lb. bag, \$1.00; 10 lb., \$1.90. Not prepaid, 5 lb., 60c; 10 lb., \$1.10; 25 lb., \$2.35. 1 lb. cartons have sifter top.



DANISH BALLHEAD

The stock of this variety is grown for us in Denmark. This is the leading late variety used extensively throughout the country. Heads average 10 to 12 lbs. It is exceptional cabbage for storing away. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.

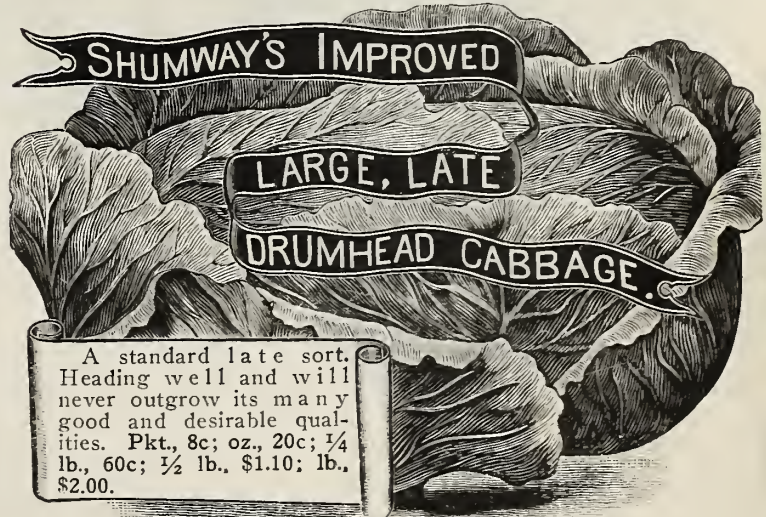
NEW HOLLAND OR GERMAN EXPORT

A medium size, hardy sort that endures drought or freezing that would ruin any other variety. An excellent keeper. So solid that the small size heads will weigh as much as the large heads of other varieties. A favorite with the truckers for long distance shipping and unsurpassed for the market gardeners. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.



MAMMOTH RED ROCK

Hard round heads, very solid and keeps exceptionally well. Good red color to the center. Pkt., 8c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



A standard late sort. Heading well and will never outgrow its many good and desirable qualities. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.

PERFECTION DRUMHEAD SAVOY

A highly recommended variety for its flavor. The largest solid heading of the Savoy types. Pkt., 8c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; lb., \$2.50.



IMPROVED LARGE LATE DRUMHEAD

A standard late sort which heads well and keeps well. Extra selected strain. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.

HOUSEMAN'S MAMMOTH OR LATE FLAT DUTCH

After many years selecting seed a perfect header is obtained. It opens very white and crisp. It has all the valuable qualities to be found in any large late variety. Heads are large and heavy. Sells well in the markets. Pkt., 8c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.00.

Carrots



DANVER'S HALF LONG

Selected stock. One of the most popular and widely used carrots. A rich orange red color, smooth and beautiful appearance. The roots taper to a blunt point averaging about 5 to 6 inches in length. Excellent table variety. The ideal sort for market gardeners as its yield per acre is great. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.10.



EARLY SCARLET HORN

A very fine early stump rooted variety. $1\frac{1}{2}$ inches thick and 3 inches long. A deep orange color making it attractive for bunching. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.



NANTES, HALF LONG, OR CORELESS

A beautiful cylindrical half long variety. It is blunt-ended with a very small tap-root. This variety is very smooth and grows about 6 inches long, very sweet and practically without a core. Color is red. This carrot is considered the best known for table use. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; lb., \$1.50.



Hazeltine's Hand-Weeder.

A good, large, useful hand-tool, and is considered a desirable implement. Sure to please. By mail, only 25c.



OXHEART OR GUERANDE

A very rapid growing variety attaining a weight of a lb. and better. It is thick shouldered, grows about 5 inches long. A deep orange red in color. Recommended for home gardens and truckers. A fine second early variety. Pkt., 7c; oz., 15c; $\frac{1}{2}$ lb., 60c; lb., \$1.00.



EARLY CHANTENAY

An early variety in use 60 days after sowing, being a little earlier than Danvers. It is shorter, averaging 4 to 5 inches in length. Color is deep orange. Root smooth and of excellent table quality. A fine variety for the kitchen garden. A favorite with market gardeners. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.25.



EARLY LONG FORCING

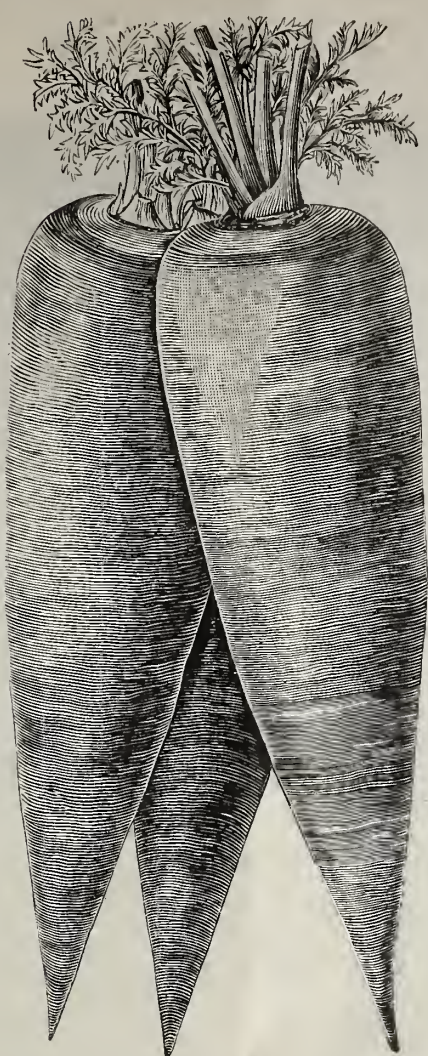
A long variety that may be forced. It grows rapidly in its texture and produces greater weight of roots than shorter varieties. Market gardeners may profit by using this sort as they will be able to supply carrots early while the prices are high. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.10.

CARROTS
Carrots are one of the most valuable vegetables. Not only being wholesome they supply essential vitamins. The leading baby specialists of the country demand that they be fed regularly to children. The medical profession generally advises their use for young and old.

Carrots when real young, properly prepared, are a real delicacy.



A large improved new variety which is beautiful both in shape and color. A rich dark orange red. Very productive and cannot be surpassed for family use and marketing. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c.



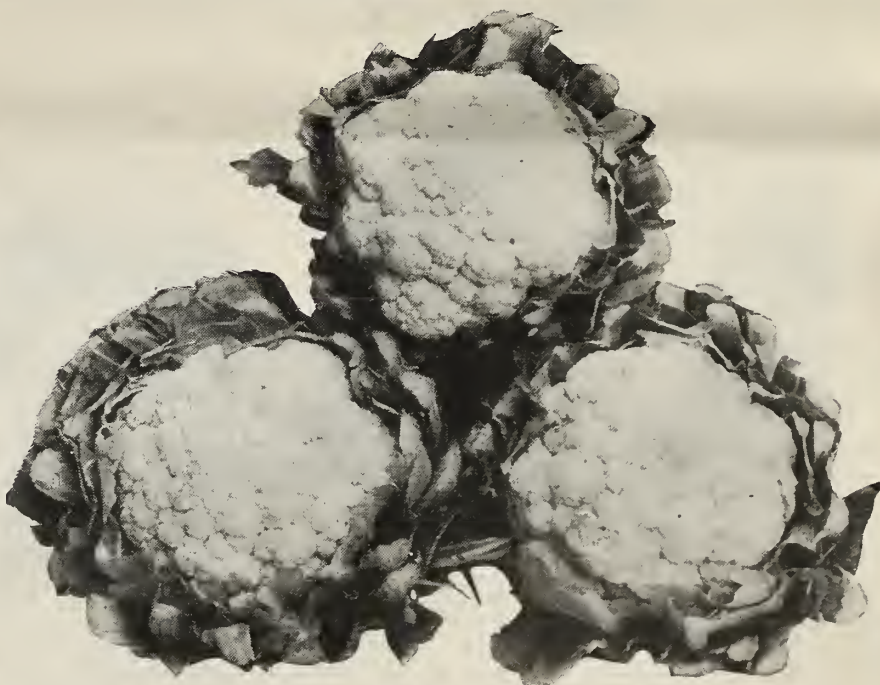
IMPROVED LONG ORANGE

The well known standard sort for feeding stock. Dairy-men esteem them highly for feeding cows. An excellent food for horses during the cold months. It is a good keeper of fine quality. May be used as a table carrot. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c.



Very early smooth large variety. Quality is excellent. Make successive plantings. Pkt., 8c; oz., 17c; ¼ lb., 45c; ½ lb., 80c.

Cauliflower



EXTRA EARLY SNOWBALL

The seed of this variety is produced in Denmark for us from extra selected stock. It produces heads that will measure about 10 inches across, very solid and perfectly white. Its growth is dwarf and heads earlier than any other variety. The plants can be grown close together as the leaves set close to the head. Pkt., 10c; ½ oz., \$1.10; oz., \$2.00; ¼ lb., \$7.00.

DRY WEATHER

This seed is also produced for us in Denmark. It is a strain perfected to stand hot dry weather. It stands weather conditions better than some of the other varieties. It is a sure header, larger than Snowball. A snow white and second early. Pkt., 10c; ½ oz., 90c; oz., \$1.75; ¼ lb., \$6.00.

EXTRA EARLY FAVORITE

A popular variety giving general satisfaction. The head is white and tender. It resembles Snowball in shape and earliness. Pkt., 10c; ½ oz., 90c; oz., \$1.75.

AUTUMN GIANT

Very large pure white heads, well protected with leaves which keeps it in a good condition for a long time. A good variety for gardeners who wish a large type. Pkt., 8c; oz., 50c; ¼ lb., \$1.75.

EXTRA EARLY ERFURT

A favorite with all who have grown it, almost the same as Snowball. Produces very beautiful compact heads of fair size. Pkt., 10c; ½ oz., \$1.10; oz., \$2.00.

EARLY PARIS OR NONPAREIL

A popular variety in some localities. Very white, sweet and tender. Pkt., 8c; oz., 45c; ¼ lb., \$1.50.

LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH. 25¢ BY MAIL PREPAID



GARDEN TROWEL. 20c.
Handy tool in garden, or greenh'se.



LONG WHITE BELGIAN

A long white productive sort. Grown largely to feed stock. Cut and feed with meal or grain. Good winter keeper. Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 35c; lb., 60c.

MAMMOTH ORANGE

This is an exceptionally good variety for feeding stock. It is a large orange yellow sort. Very productive and keeps remarkably well. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

Celery



GOLDEN SELF BLANCHING

The peer of yellow varieties. It is dwarf in nature forming large bunches with broad heavy stalks, which are sweet, tender, and crisp. It is considered one of the best table varieties. Market gardeners and truckers use this sort for supplying big markets where it always meets with ready sale. Extra selected stock. Pkt., 12c; oz., 45c; ¼ lb., \$1.35; ½ lb., \$2.60; lb., \$5.00.



GOLDEN PLUME OR WONDERFUL

A new variety which evidently is a selection out of Golden Self Blanching, however, it withstands the heat and blight better. A beautiful shade of gold in color, very brittle and excellent table quality. It blanches quickly with a full heart and good growth of outer stalk. A very desirable variety. Pkt., 15c; oz., 90c; ¼ lb., \$3.25; ½ lb., \$6.00.



WHITE PLUME

Considered the best white variety. Market gardeners use this extensively because of its crisp, tender eating qualities, making it meet with ready sale. In growth it is vigorous, large size and uniformly white. An excellent variety when celery is in season. Not recommended as a keeper. We carry only selected stocks of this variety. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.45; lb., \$2.75.

GIANT PASCAL

This is a selection from Golden Self Blanching retaining many of the qualities of that variety with the added keeping qualities. The stalks are solid, large, crisp, and have a rich nutty flavor. The heart is golden yellow blanching very easily and quickly. Without a doubt the best fall and winter sort. One of the favorites of the market gardeners. Pkt., 10c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.



KALAMAZOO

A variety creamy white in color, large size, of perfect shape, straight, solid and of excellent flavor. A beautiful appearing celery in the market, meeting with ready sale. Pkt., 8c; oz., 22c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



CORN SALAD

An excellent and valuable vegetable for salads, which can be had constantly by successive sowings. Late sowings may be covered with straw in winter for early use in the spring. In some sections of the country it is used in place of lettuce for winter use. Pkt., 6c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



CHICORY OR FRENCH ENDIVE

It is easily grown, requiring little care. Sow the seed in the spring and store the roots in sand until wanted for growing in the winter at which time they may be forced and the white celery like stalk cut off and used in salads. The root may also be dried, cut up into small pieces and roasted, using same as a substitute for coffee. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



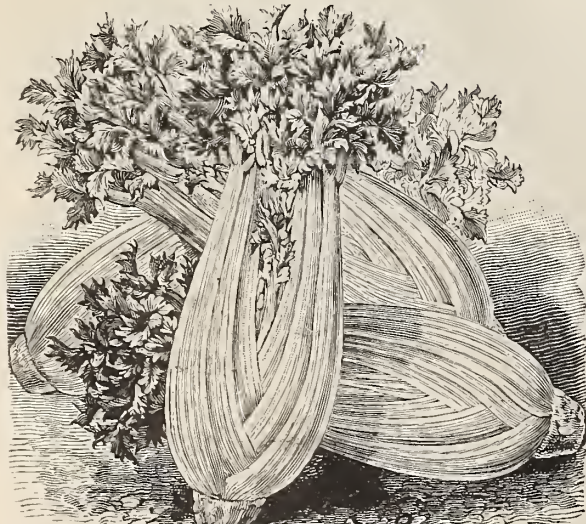
BROAD LEAVED DANDELION

An improved large variety from Europe. Not to be confused with the common varieties. Very large size and when cultivated makes an excellent vegetable for spring greens. Pkt., 10c; oz., 50c.



GEORGIA COLLARDS

A valuable vegetable used for greens. Leaves grow anew after picking. The quality improves with freezing. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



GIANT WHITE SOLID

An improved strain of White Solid. Very crisp, tender, rich nutty flavor. Very compact grower making it a good keeping variety. Pkt., 8c; oz., 22c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.



CELERIC-TURNIP ROOTED CELERY

A vegetable deserving of wider cultivation. When cooked and prepared in a salad it is very tasty. It has a rich celery flavor. They are nice creamed or used in soups. The roots keep well when stored and will last well into the winter. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.45; lb., \$2.75.



CURLED CRESS OR PEPPER GRASS

A desirable vegetable with a pungent flavor, to be mixed with lettuce or other vegetables for salads. Grows quickly and is ready for use with other vegetables. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

Sweet Corn



STOWELL'S EVERGREEN

This is the standard late variety for family and market gardeners' use. Excellent for canning. Stalks 7 to 8 feet high, producing ears 8 to 10 inches long and about 16 rows of very fine quality corn. Pkt., 8c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$4.20; 50 lbs., \$8.00; 100 lbs., \$15.75.

SELECT WHITE EVERGREEN

This is a decided improvement on all the other strains of Evergreen. The ear is pure white, the kernels are long and slender. The stalks are strong and vigorous, producing ears 8 to 10 inches long, 16 rows. This strain stays "in the milk" for a long time, therefore it remains in market condition longer than the other varieties. Pkt., 8c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00.

MAMMOTH LATE SUGAR

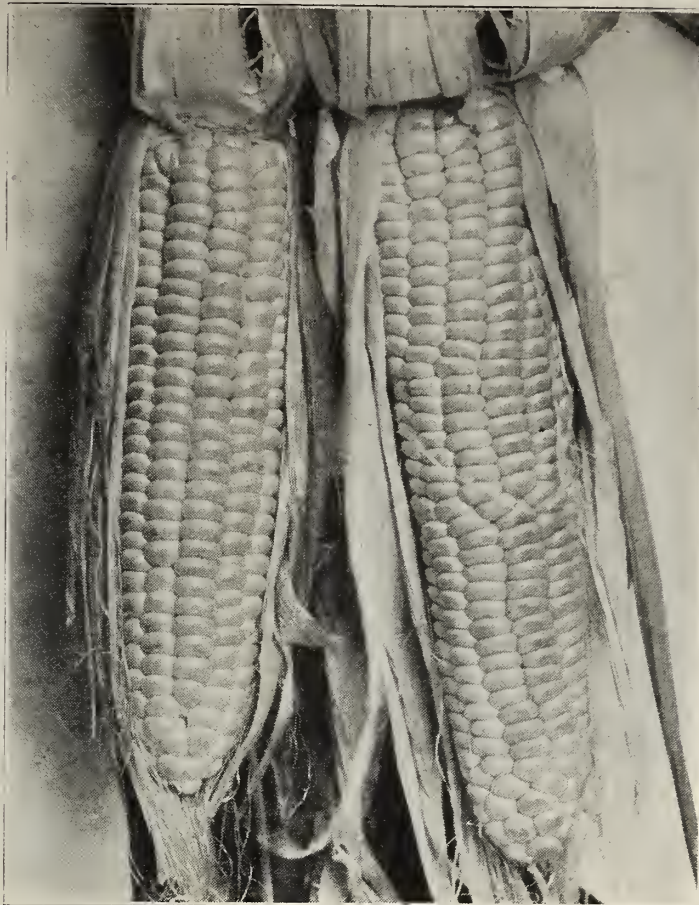
A large strain of the evergreen type. This variety produces well both in ears as well as foliage, making an abundant supply of fodder. Pkt., 8c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$4.20; 50 lbs., \$8.00; 100 lbs., \$15.75.

MAMMOTH WHITE CORY

The popular extra early white variety. Known for its earliness, sweetness, and good size. The ears are long with the rows set very close and compact on the cob. There isn't a variety of better quality for table use. The market gardeners use largely of this variety to supply the early market. Pkt., 7c; ½ lb., 17c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.60; 25 lbs., \$3.75; 50 lbs., \$7.50; 100 lbs., \$14.50.

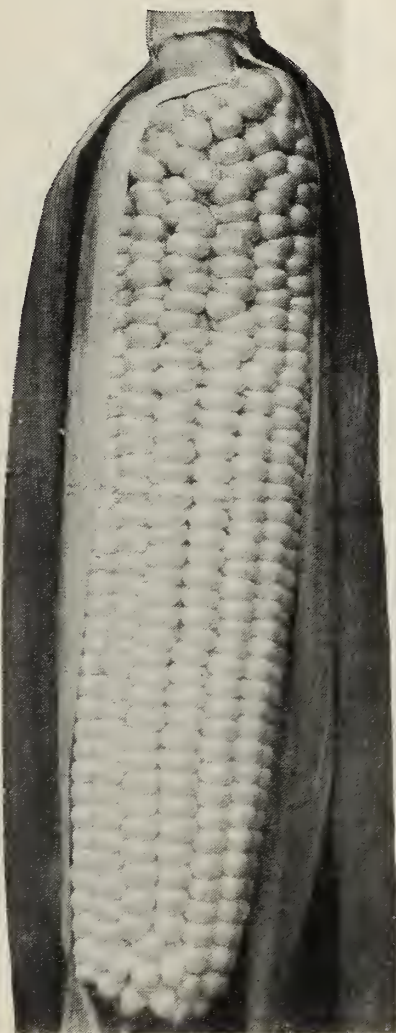
SHUMWAY'S EXTRA EARLY CORY

Very early, medium sized variety of good quality. The stalk is short and ears are produced a comparatively short distance from ground. Cannot be excelled for extremely early sort. Pkt., 6c; ½ lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.40; 25 lbs., \$3.30; 50 lbs., \$6.50; 100 lbs., \$12.75.



GOLDEN SUNSHINE

This variety was bred up by Prof. A. F. Yeager of the North Dakota Agricultural College. Up to the present time there is no yellow variety produced that is earlier or better. We can vouch for this through our own trials. The following are the main characteristics of this variety: the ears are from 6 to 8 inches in length, yellow in color, and carry 12 rows of kernels. It reaches the roasting ear stage from 3 to 10 days before Golden Bantam. It stays in table quality stage longer. The stocks grow about 5½ feet tall and bear the ears about 15 inches from the ground. This variety certainly bears our endorsement. Pkt., 15c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.00. Stocks limited, order early.



Mammoth White Cory



HOWLING MOB

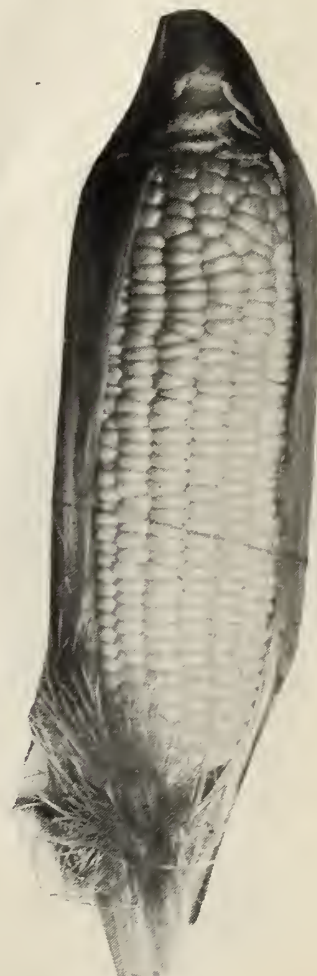
A second early large-eared sweet corn. The season is about the same as Champion Sugar, but the ears are a little larger and the kernels are smaller. Flavor cannot be excelled by any variety. This sort always meets with ready sale on the market, in fact it dominates some markets. Pkt., 8c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$14.75.

SHUMWAY'S EXTRA EARLY MARKET GARDENERS

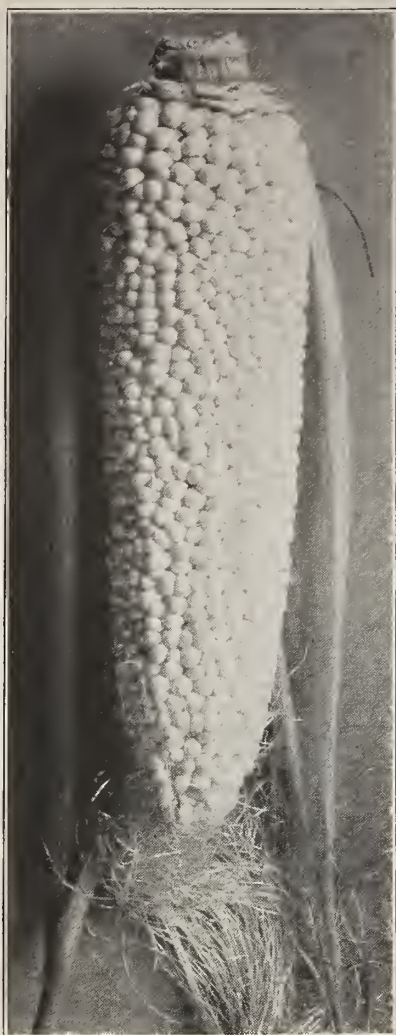
Introduced after twenty years of careful selection. It is extra early, large, rich, sweet, and good yielder in any climate. Fine for both the market and family use. All desirable points for a perfect early variety were obtained by hybridizing and crossing and then very carefully selecting the largest, most perfect shaped early ears. In this variety we consider we have one of the best varieties of sweet corn offered. Pkt., 8c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$15.50.

KENDALL'S EARLY GIANT

A standard large early variety for market and family use. Very prolific, sometimes 3 ears to the stalk, 12 rows pure white, tender, milky kernels. Pkt., 7c; ½ lb., 17c; lb., 32c; 2 lbs., 58c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.60; 50 lbs., \$7.00; 100 lbs., \$13.50.



Market Gardeners

**COUNTRY GENTLEMAN**

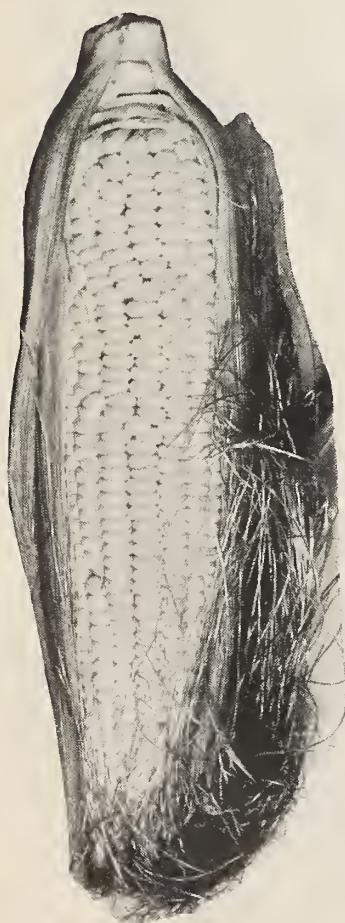
It is readily recognized by its irregular arrangement of the kernels on the cob. The kernels are plump, milky, pearly white and tender, very deep. The husk of this variety is very heavy which protects the cob and keeps the corn in edible condition for a long time. Each stalk usually produces 3 ears of corn, 8 to 9 inches long, small cob, deep grain. Pkt., 10c; ½ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.

**EARLY MINNESOTA**

A variety producing fair sized ears, 8 to 10 rows of very sweet, tender kernels. A very productive variety only a few days later than Mammoth White Cory. Pkt., 6c; ½ lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.40; 25 lbs., \$3.30; 50 lbs., \$6.50; 100 lbs., \$12.75.

**GOLDEN BANTAM**

By far the most popular of all the first early varieties of sweet corn. Two ears to the stalk which are about 6 inches in length with 8 rows of beautiful golden kernels. This variety is raised extensively by market gardeners and by the amateur gardener. Pkt., 7c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.75; 50 lbs., \$7.25; 100 lbs., \$14.00.

**EARLY CROSBY**

A very high grade second early variety. Ears 6 to 7 inches long, 14 rows, kernels pure white, very sweet and tender. Pkt., 6c; ½ lb., 16c; lb., 30c; 2 lbs., 55c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.40; 25 lbs., \$3.30; 50 lbs., \$6.50; 100 lbs., \$12.75.

SHUMWAY'S CHAMPION SUGAR CORN

Second early variety which ranks highly in the markets. This is considered one of the earliest large sweet corns. Medium sized ears with 12 uniform rows, pure white kernels, tender and sweet. Pkt., 7c; ½ lb., 17c; lb., 32c; 2 lbs., 58c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.60; 50 lbs., \$7.00; 100 lbs., \$13.50.

SHUMWAY'S HONEY

A sort that is very sweet and tender. It is medium early, rather tall in its growth. Cobs are small, kernels quite deep. A variety of merit. Should be given space in every garden. Pkt., 8c; ½ lb., 18c; lb., 34c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.50.

Early Crosby

**GOLDEN EVERGREEN**

This variety was produced by hybridizing Golden Bantam and Evergreen. It retained the color and quality of Golden Bantam and took very nearly the size of the Evergreen. It is considered one of the sweetest varieties of corn that is grown today. A favorite wherever offered. Pkt., 8c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 25 lbs., \$4.25; 50 lbs., \$8.25; 100 lbs., \$16.00.

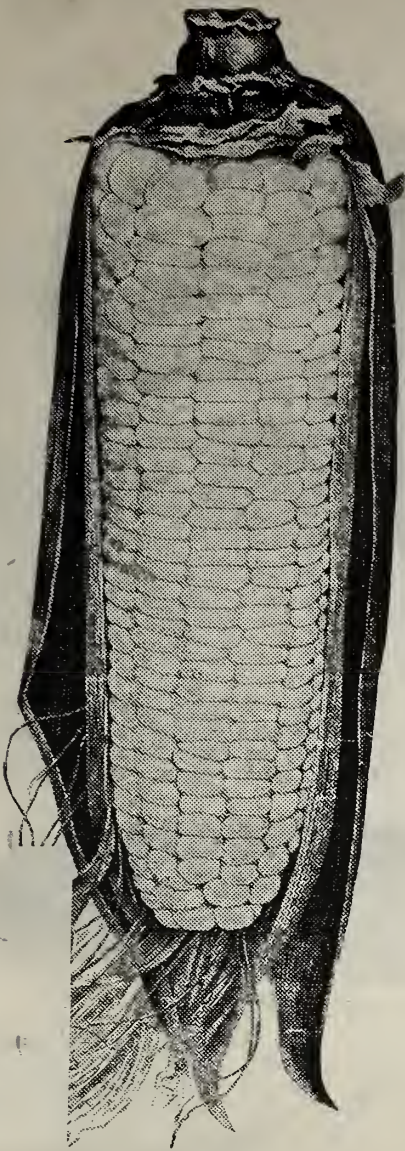
EARLY EVERGREEN

Eight to ten days earlier than Stowell's Evergreen. Remains in edible condition a long time, making it a very desirable variety for the trucker as well as a home garden. The ideal strain of Evergreen for the Northern part of the country. Pkt., 7c; ½ lb., 18c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.60; 25 lbs., \$3.75; 50 lbs., \$7.25; 100 lbs., \$14.00.

GOLDEN CREAM

This is a cross between Golden Bantam and Country Gentleman, retaining the color of Bantam, sweetness and depth of kernel of Country Gentleman. This is an exceptionally good medium late yellow corn. Pkt., 8c; ½ lb., 18c; lb., 34c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.70; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.50.

Golden Evergreen

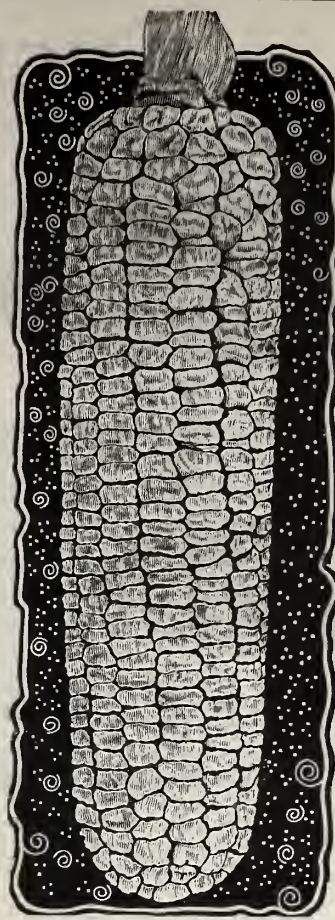


WHITE MEXICAN

A good large extra early variety that has become very popular in many places on account of its superb quality, size and earliness. It is rich and sweet and is ready for use shortly after Mammoth White Cory. A variety we recommend highly. Pkt., 8c; ½ lb., 18c; lb., 34c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.65; 25 lbs., \$3.75; 50 lbs., \$7.25; 100 lbs., \$14.00.



This is not a sweet corn but nevertheless is prized highly for roasting ears, being ready for table use 65 days after planting. Very prolific and makes very fine food for stock. Pkt., 5c; ½ lb., 15c; lb., 27c; 2 lbs., 50c, postpaid. Not prepaid, 5 lbs., 65c; 10 lbs., \$1.20; 25 lbs., \$2.75; 50 lbs., \$5.25; 100 lbs., \$10.00.



BLACK MEXICAN

Considered the most delicious, sweetest corn grown. To those who know it no other variety can take its place. Gaining in favor annually. The ears are 8 inches long and 10 rows, kernels when the corn is ready to eat are white but the ripe kernels are a bluish black. It is the most desirable second early variety for private use. Pkt., 10c; ½ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.



POP CORN

AUSTRALIAN HULLESS

Also known as Japanese Rice, Tom Thumb. A dwarf growing variety that is a very heavy yielder. Ears are peculiar in form, being nearly as broad as they are long. The kernels are very similar to those of White Rice. It is considered the best popping variety as it pops without hull or shell. Pkt., 5c; ½ lb., 17c; lb., 30c; 2 lbs., 50c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.60.

WHITE RICE

The old standard variety which has been in use for many years. Long ears with very sharp kernels, very prolific variety as ears are usually produced 3 or 4 to the stalk. Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.40.

QUEEN'S GOLDEN

This variety produces the largest ears of any and in great abundance. The kernels are orange-yellow in color, round and very smooth. It pops a creamy white. Pkt., 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.40.



BRUSSELS SPROUTS

The heads resemble a lot of very small Cabbages growing on the stalk. They are delicious when cooked the same as Cabbage. They are also very nice to use for greens. Frost improves them. Pkt., 10c; oz., 25c.



SPANISH PEANUTS

This variety is much earlier than the Virginia, and is richer and sweeter, but not as large. Nuts grow in the hill instead of from the vine or runners. ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.25.



A short time after these are ripe they become mellow and fit for use in making pickles, pies, preserves or to fry in butter before ripe. It is very desirable in localities where fruit is scarce or high in price. Pkt., 8c; oz., 25c.



Plant in a warm location if possible, and when runners are a foot long cease cultivating. 5 lbs., \$1.25; 2 lbs., 55c; lb., 30c; ½ lb., 17c.



HORSE RADISH SETS

Can be set any time in the spring, and will grow rapidly. The grated root is a fine relish and tops are good greens. Dozen, 18c; 50 for 65c; 100, \$1.25; 1,000, \$10.00, postpaid.



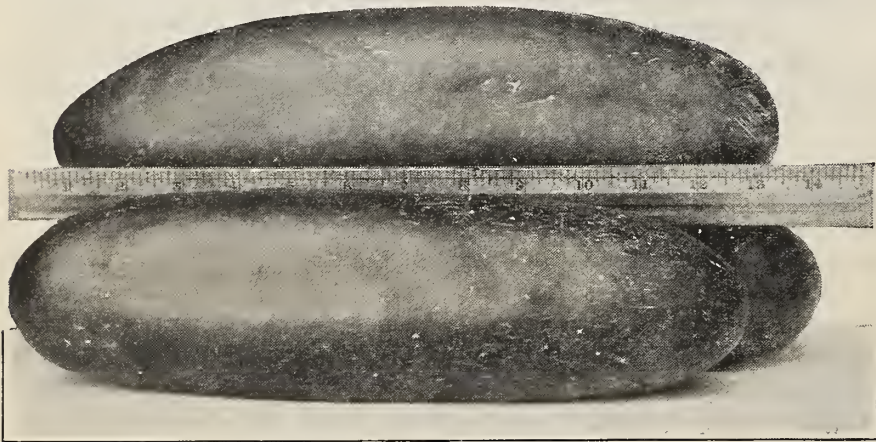
GARDEN TROWEL, 20c
Handy tool in garden, or green'ise.

Cucumbers



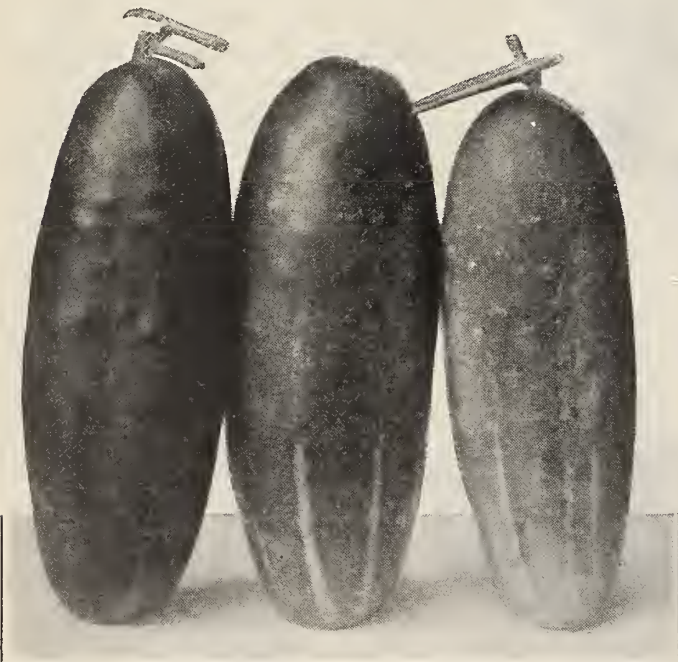
EARLY FORTUNE

Without a doubt one of the best long distance shipping cucumbers. It holds its dark green color and remains in an edible condition longer than any other white spine strain. The fruits are uniform and symmetrical. A variety used extensively by truckers and market gardeners. Its size when mature is 9½ inches long by 2½ inches in diameter. Edible in 65 days. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



IMPROVED LONG GREEN

The standard variety for slicing or pickling. It is extremely prolific, medium late, hardy and disease resistant. The ends taper a little and are slightly warted. For general purposes it has no superior. Matured fruit 13 by 3 inches. Edible in 62 days. Pkt., 7c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.30.



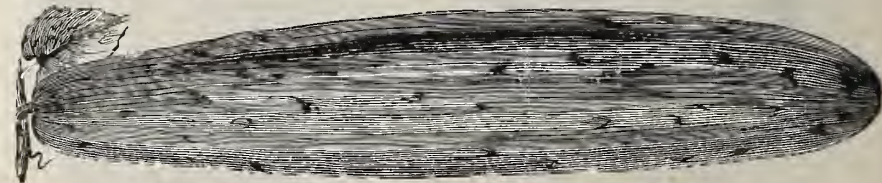
SHUMWAY'S FANCY PICKLING

A perfected strain of the pickling varieties, sometimes called Snow's Pickling. The cross for this variety was suggested by R. H. Shumway and worked out with Mr. Snow, who was one of the early cucumber picklers of the country. This variety is perfectly symmetrical in shape with no small or pointed ends. This is the variety generally used by pickling works today as they are big yielders of excellent quality. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



DAVIS PERFECT

A long smooth cucumber tapering to both ends. It is the most popular of the white spine strains. A very shy seeder. It is deep green in color when in the slicing stage. Deliciously crisp flavor. May be forced in greenhouses. Length 10 to 12 inches, diameter about 2½ inches. Pkt., 7c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40.



EXTRA EARLY LONG GREEN

A selected strain of Long Green with white crisp flesh. Very rapid grower and productive in any soil or climate. Not many seeds, which adds to its desirability. Beautiful color and attractive shape. When mature the fruit measures about 10 by 3 inches. Edible in 60 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00.

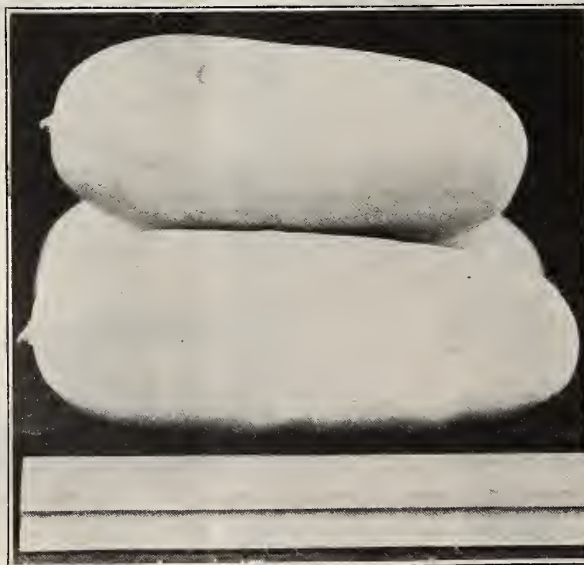


WEST INDIA GHERKIN OR BURR

It is a native of Jamaica and is used for very small pickles. Must be used when young. Pkt., 7c; oz., 15c; ¼ lb., 45c.

EVERBEARING

An extremely small early variety. If the fruits are kept picked during the growing season it will bear until killed by frost. Very productive and exceptionally good for small pickles. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00.



WHITE WONDER

A novelty with merit. It is white at all stages of its growth. Medium late and the ends are square and blocky. It is very prolific and its snow white color makes it attractive. Size is 7 by 2½ inches. Edible in 58 days. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



WESTERFIELD'S CHICAGO PICKLING

The most popular of the small early pickling varieties. Very uniform in size and shape, producing a great quantity of fruit. It meets the most exacting criticism of the pickle works. The vines bear continuously if the cucumbers are picked. When ripe the fruit measures 7 by 2½ inches. Edible in 58 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00.



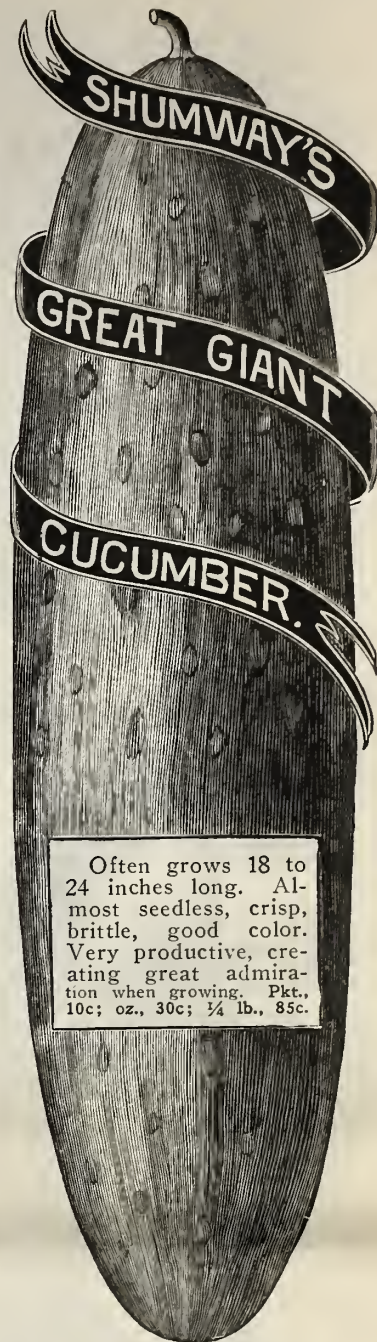
JAPANESE CLIMBING CUCUMBER

A distinct variety used to cover trellises and fences. Very rugged and disease resistant. Edible qualities are superb. Size 9 by 2½ inches. Ready to use in 58 days. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.



GREEN PROLIFIC

This variety is also known as Boston Pickling. It is in general use and is excellent for early uniform pickles. The fruits are cylindrical, square ends and quite smooth. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

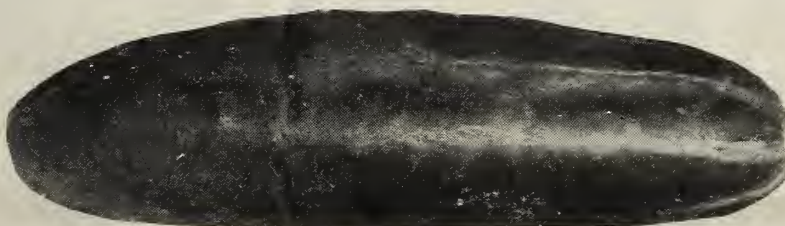


Often grows 18 to 24 inches long. Almost seedless, crisp, brittle, good color. Very productive, creating great admiration when growing. Pkt., 10c; oz., 30c; ¼ lb., 85c.



IMPROVED WHITE SPINE

One of the earliest and most prolific of cucumbers of the white spines. A variety in general use adapted for slicing or pickling. Color attractive and for the home garden as well as market gardens it remains very popular. Size 7 by 2½ inches. Edible in 58 days. Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



Improved White Spine

EXTRA EARLY GREEN CLUSTER

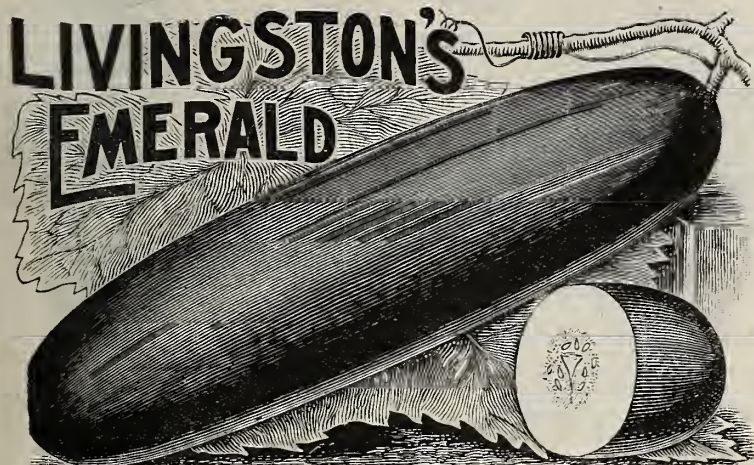
A small variety supposed to grow in clusters near the roots. It is very early, prolific and uniform. A very popular pickling strain. The skin is smooth and ends taper slightly. Edible in 52 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

GARDEN LEMON

The fruits are very small with lemon colored skin flecked with brown. An enormous yielder and its chief use is for salads. Very nice when stuffed with relishes. Pkt., 8c; oz., 20c.

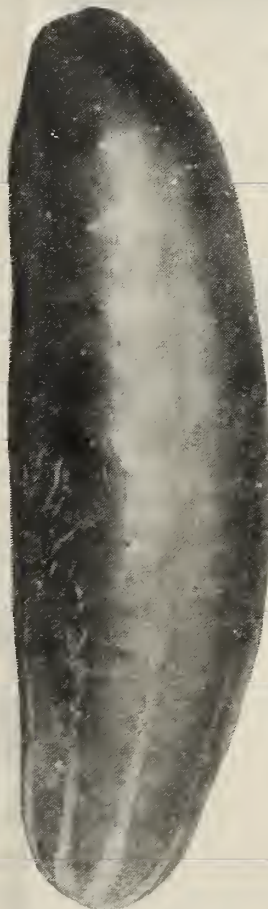
LANG'S HAND WEEDER

HANDEST TOOL ON EARTH. 25¢ BY MAIL PREPAID



LIVINGSTON'S EMERALD

A very choice dark green variety retaining its color until ripe. The skin is spineless and the fruit sets early bearing long beautifully shaped crisp tender fruit. An excellent slicing variety. Pkt., 7c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



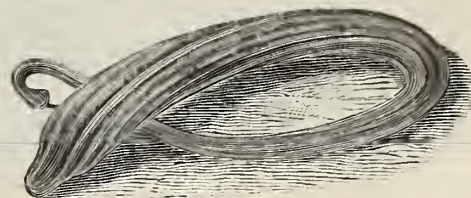
FORDHOOK PICKLING

Similar in size and shape to Cool and Crisp. The fruits taper at both ends with warts mostly toward the stem end. Early prolific and a desirable variety for slicing as well as pickling. Size 8 by 3 inches. Edible in 54 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00.



SHORT GREEN OR EARLY FRAME

Very early bright green cucumber. The ends are abrupt and the hardness is unexcelled. A little late in maturing, but fine for the second crop of picklers. Edible in 60 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; lb., \$1.00.



SERPENT OR SNAKE CUCUMBER

Really a muskmelon. Always classed, however, as a cucumber. The fruits are green, 24 inches long. Grows in a variety of interesting shapes. Not much value as an edible variety. Grown mostly as a curiosity. It never grows straight unless suspended. Pkt., 12c; oz., 40c.



ENDIVE

Extra Fine Moss Curled. One of the finest of all salads for fall and winter use. Very easily blanched as the leaves are very compact. Tender and crisp. Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.
Broad Leaved Batavian. A favorite variety with wide ruffled edges. The inner leaves blanch readily to a creamy-white. Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



NEW YORK PURPLE EGG PLANT

Large fruit, produced in great quantities on bush of low growth. Dark purple and excellent quality. Standard variety for market gardeners and shippers. Pkt., 12c; oz., 50c; ¼ lb., \$1.50; ½ lb., \$2.90; lb., \$5.50.

EARLY LONG PURPLE

Hardy and very productive. Good quality. 6 to 10 inches long. Good color and excellent flavor. Pkt., 10c; oz., 35c; ¼ lb., \$1.25.



KALE OR BORECOLE

Dwarf Curled Scotch. Excellent greens for winter or spring. Leaves bright green, curly and tender. Fine flavor. Frost improves it. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

Siberian. Grown at almost any season of the year, it makes excellent greens. This variety not so curled as the Dwarf Scotch. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

Tall Curled Scotch. A beautiful curled sort, strong spreading habit. Bright green in color. The plant holds the leaves well up off of the ground. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



MUSHROOM SPAWN

Mushrooms are readily produced in cellars by amateurs, if they will follow the instructions. A very palatable fungi when prepared with steaks or creamed on toast. Full cultural directions with each order. Per brick 35c; 3 bricks, \$1.00, postpaid. Not prepaid, 5 bricks, \$1.00.



LEEK

American Flag Leaf. A vegetable regarded by many as very valuable for soups and salads. When sown in rich garden soil it is easily produced. Meets with ready sale on the markets. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.



KOHL RABI

EARLY WHITE VIENNA

An intermediate vegetable between the turnip and cabbage. Very delicious when cooked the same as turnips. They are ready for use when about 2 to 4 inches in diameter. Sow in rows the same as radish or carrot, then thin so the seedlings stand 4 to 6 inches apart in the row. Pkt., 6c; oz., 15c; ¼ lb., 50c.

EARLY PURPLE VIENNA

Same as above, only the skin being purple, the flesh is white and of good flavor. Will stand the heat a little better. Pkt., 6c; oz., 15c; ¼ lb., 50c.



MUSTARD

Chinese. Another vegetable used extensively for salads and greens. This variety very finely curled; beautiful in appearance. Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

Ostrich Plume. Leaves are beautifully curled. Very large plant producing a quantity of leaves. Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

Fordhook Fancy. Large light green leaves, well curled. Excellent for salads and greens. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

White Seeded. Leaves dark green and smooth, desirable for greens. Seeds are nice when used in preparing pickles. Pkt., 5c; oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 50c.

Black Seed. The same as the above used for the same purposes. The only difference being in the seed. Pkt., 5c; oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 50c.



ONION SETS

	Bu.	½ bu.	¼ bu.	⅛ bu.
Red	\$2.85	\$1.55	\$0.85	\$0.50
Yellow				
Mixed				
White	\$3.50	\$1.90	\$1.00	\$0.60

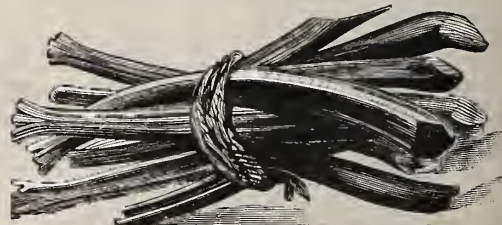
By mail, 4 qts., 90c; qt., 25c; pt., 15c.

Standard weight of 32 lbs. per bushel.



MARTYNIA

The seed pods when green may be picked and used in pickles. The flowers are very pretty and interesting. Pkt., 8c; oz., 35c; ¼ lb., \$1.20.



RHUBARB OR PIEPLANT

A well known useful plant, from which the stalks are used in making pies, sauce and wine. Many have been successful in canning it. A most healthful vegetable. Pkt., 6c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.30.



PARSLEY

Moss Curled. This variety is very curled, making a beautiful garnish. Good flavor, seasoning soups and meats very tastily, easily grown in the open or in pots. Every garden should have a planting. Pkt., 8c; oz., 15c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.00.

Emerald Green. Suited for the same purposes as the above variety, but not quite so curly. Pkt., 6c; oz., 10c; ¼ lb., 30c; ½ lb., 45c.



ORNAMENTAL GOURDS

A very interesting annual climber which rapidly covers fences, trellises or any unsightly places that one might wish to obscure from view. The ornamental fruit which they bear is very attractive. Mixed. Pkt., 6c; oz., 12c; ¼ lb., 40c.

Dipper Gourd. Pkt., 8c; oz., 20c.

Sugar Trough. Pkt., 8c; oz., 20c.

Nest Egg. Pkt., 8c; oz., 20c.

Hercules Club. Pkt., 8c; oz., 20c.

Calabash. Pkt., 8c; oz., 20c.



PEANUTS

The peanut can be grown in any part of the country. Plant in a warm, sunny location about corn planting time, not over 2 inches in depth. Do not cultivate nor disturb them after the stems spread over the soil, as the vines throw down little rootlets on which the peanuts are produced. ½ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.25; postage paid.

Lettuce



NEW YORK

This variety is listed under its true name. It has been given many others such as Los Angeles, Mountain Iceberg, Wonderful. A variety used extensively by the large lettuce growers of the Pacific Coast, Colorado and Idaho. It is crisp heading, large dark green, and leaves slightly curled on the edges. The mature head is globular and the market growers prefer it as the folded leaves over the head protect it from sunburn. This sort is distinct and is readily recognized at all stages of its growth. Without doubt the leading head lettuce. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.20; lb., \$2.30.



BIG BOSTON

Probably the most generally used head lettuce in cultivation. Butter type, medium large, light green with a slight tinge of brown on the edges of the outer leaves. It is early and hardy and stands shipping well. The head is very crisp and the interior a golden yellow. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 80c; lb., \$1.50.



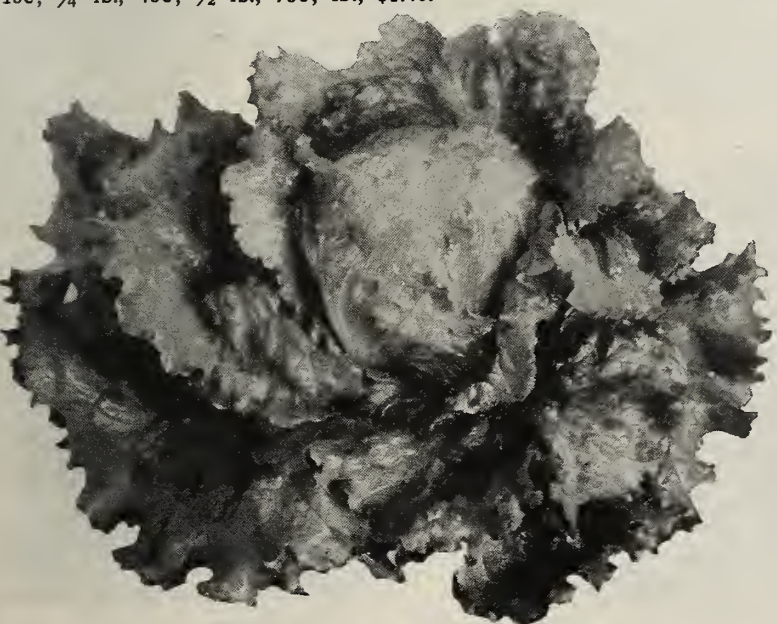
GRAND RAPIDS

A well known and popular variety, non-heading. Leaves wavy, fringed, and very curly. Extensively used for forcing. When grown under glass it makes a very tender leaf of fine quality. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; lb., \$1.40.



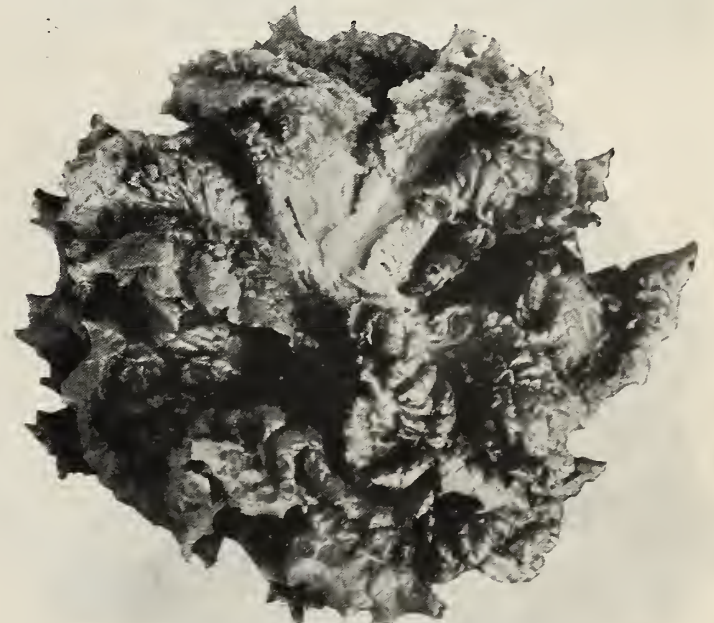
ICEBERG

Forms a large, compact curled, crisp head. Medium large with leaves wavy and fringed edge. A variety extensively used by market gardeners and lettuce shippers. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 90c; lb., \$1.75.



HANSON

One of the best known old standard varieties. Crisp heading, good size, light green. The best lettuce of its class and of excellent quality. A variety used extensively by market gardeners and truckers. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; lb., \$1.40.

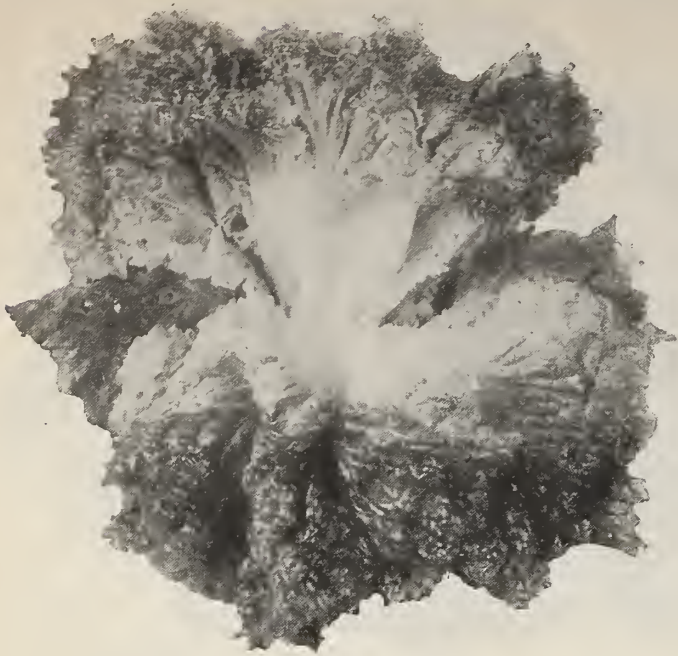


EARLY CURLED SIMPSON

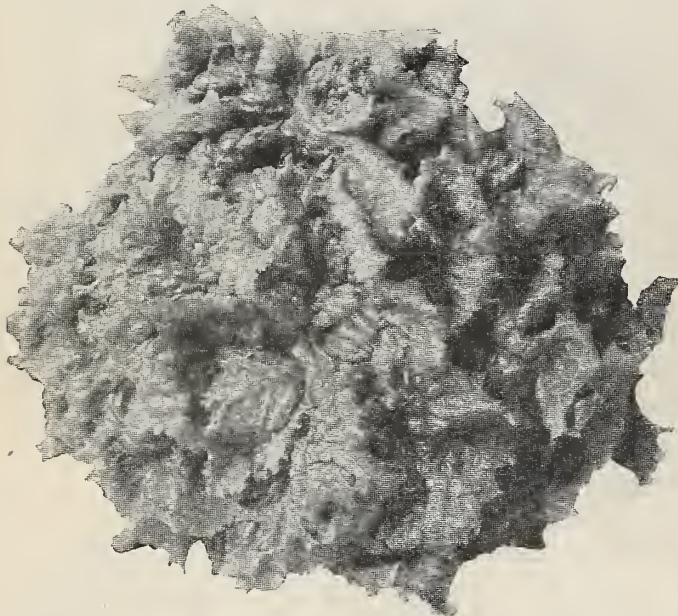
A decidedly crisp variety, strictly bunching, medium in size. Desirable for early market as well as an intermediate sort. Slow to go to seed. A dense cluster of curly leaves. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.30.

CHARTIER

A curled, crisp, medium size heading variety. Leaves are a beautiful shade of green with outer ones tinged with brown. Stands the heat well and slow to go to seed. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 65c; lb., \$1.25.

**PRIZEHEAD**

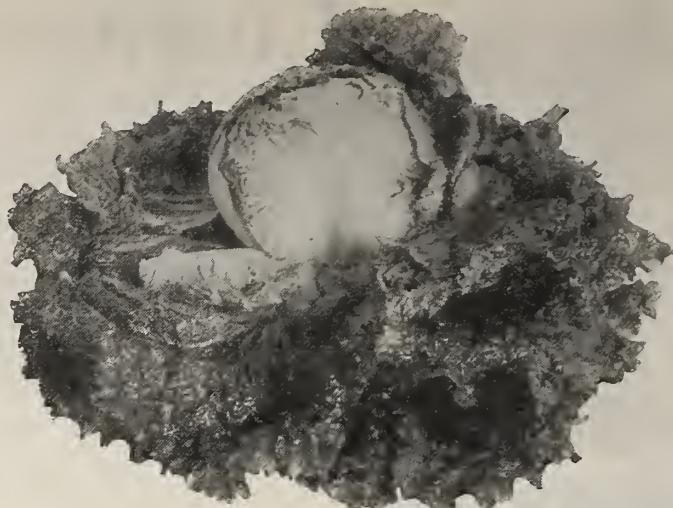
One of the best known popular varieties of the leaf or non-heading type. Medium size light brown edges on a green base. One of the best home garden varieties as it grows quickly and makes many leaves which are of excellent flavor. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.

**BLACK SEED SIMPSON**

A non-heading bunching crisp light yellowish green variety. Early and of fine quality. This variety may be used for hot bed culture. This sort in general use. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.

**PARIS WHITE COS**

Sometimes called Trianon Cos. The best known and most popular variety of its type. Medium large in size. Forms a good well folded long head of excellent quality. Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.25.

**DENVER MARKET**

A standard variety which is well known. Medium size, curled, crisp heading, light green leaves very much crumpled. Leaves are very tender and delicious. Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.25.

**HARDY GREEN WINTER**

This variety also known as Hammer-smith. A cabbage butter head medium size variety. Leaves crumpled with straight edges. This sort forms tight hard heads in the late fall or early winter, hence deriving its name. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.

**ALL THE YEAR ROUND**

A medium sized cabbage butter heading variety of fine quality. Bright green in color. Continually throws out new leaves. Pkt., 6c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.

**GIANT CRYSTAL HEAD**

A large heading variety remaining in good condition for a long time. The plants should stand 12 to 15 inches apart to allow regular cultivation. Leaves are wavy with fringed edges. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.

**TOMHANNOCK**

Decidedly crisp, strictly bunching. Leaves are crumpled and the color almost a bright brown varying to bright green near the center of the plant. Very good quality, sweet in flavor. Pkt., 6c; oz., 12c; ¼ lb., 40c.

**MAY KING**

A popular variety of recent introduction. Heads rather small, light green, tinged slightly at the edge with brown. This variety is highly recommended. Pkt., 7c; oz., 15c; ¼ lb., 45c; ½ lb., 75c.

**CALIFORNIA CREAM BUTTER**

A butter head variety with thick leaves. Large in size. Dark green in color. The inside of the head is a rich golden yellow. Quality first class. A good shipper and forms a good solid head under ordinary conditions. Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.25.

**SALAMANDER**

This is a cabbage butter head medium size variety. Leaves are straight on the edges but crumpled. Does well under any weather conditions. Pkt., 6c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.25.

Muskmelon



ROCKY FORD

An improved strain of the Netted Gem, now developed into a round typed melon. The fruits are uniform in size, making it a very desirable melon to pack in baskets or crates. The flesh is green, very sweet and spicy. For its size it cannot be excelled. Edible in 96 days. Size 5½ by 5 inches. Weight 2½ lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



LAKE CHAMPLAIN

This is an extra early variety of good quality. Deep golden yellow, sweet flesh. Medium size, ribbed with a pronounced netting. It is not adapted to shipping great distances but is the earliest melon of quality for the local market. Very productive and recommended for the revenue it will bring for the space given to it. Edible in 85 days. Selected stock seed. Pkt., 10c; oz., 25c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.30.



HEARTS OF GOLD

Selected from the Hoo-Doo. A splendid shipping variety as it runs very uniform in size. The flesh is pink and very deep, making a remarkably small seed cavity. A very solid melon standing long distance shipping. Edible in 92 days. Size 6 by 5 inches. Weight, 2 lbs. Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



BENDER'S SURPRISE

A large sized fine flavored early melon. A great favorite on the markets. The melons are oval shaped, slightly ribbed with coarse netting. The flesh is deep orange. Very thick and sweet. Growing to a fairly large size, 8 to 10 lbs. This melon keeps well after being picked, which is a very desirable feature. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.

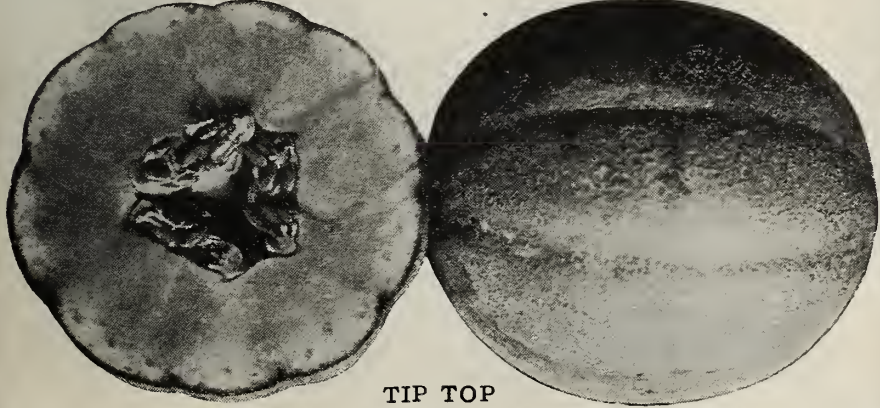
ACME OR BALTIMORE MARKET

An excellent medium early variety, small in size, heavily ribbed and netted. It is long with distinct neck at the stem end. The flesh is green. Eating quality is excellent. Edible in 90 days. Size 7½ by 5 inches. Weight 3½ lbs. Pkt., 5c; oz., 8c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



BURRELL'S GEM

An oval pink fleshed variety with small seed cavity. Rib not prominent. The flesh is very sweet and spicy. Its shipping qualities are excellent. Edible in 87 days. Size 6½ by 5 inches. Weight 3 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



TIP TOP

Cannot be excelled for its eating qualities. The flesh is bright salmon, remarkably thick, sweet and spicy. Its shape varies from round to slightly oblong. Slightly netted and ribbed. A shipping melon for moderate distances. Excellent market gardeners' variety. Edible in 96 days. Size 8½ by 7½ inches. Weight 6 to 7½ lbs. Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.15.



EXTRA EARLY HACKENSACK

A popular early green fleshed variety. The shape of the melon is flat and the size about 4 by 6 inches. Distinct ribs and netting. Very prolific and hardy. Not adapted for shipping, being a home garden sort. Flesh is very sweet and spicy. Ready for use in 90 days. Weight 2¾ lb. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

CHICAGO MARKET

This variety is similar to the above but the shape is more round. The flesh is green. A very desirable sort for the home garden or to be sold on the local markets. Edible in 90 days. Size 7 by 6½ inches. Weight 4 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



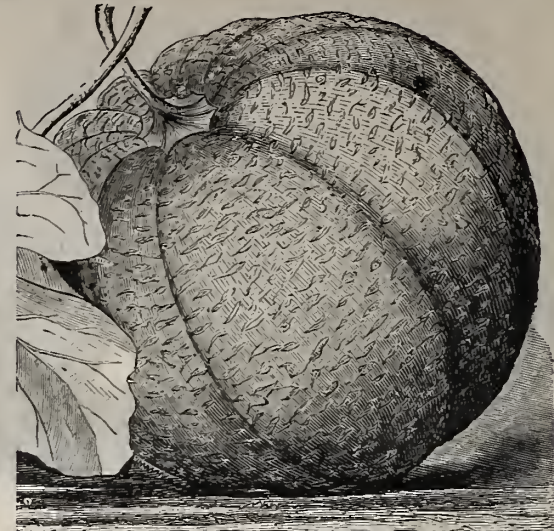
SHUMWAY'S SILVER NETTED

A perfectly round green fleshed variety a little larger than Rocky Ford. Completely covered with netting with no trace of ribs. It is early and the remarkable feature is the thickness of the flesh which is not excelled by any other sort. An excellent shipping variety. Edible in 94 days. Size 6 by 6 inches. Weight 3 1/4 lbs. Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1/2 lb., 60c; lb., \$1.10.



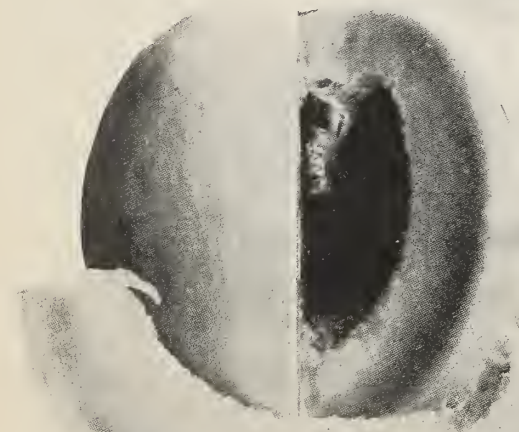
MILWAUKEE MARKET

A variety which has attained prominence in all of the markets of the large cities. A medium large pink fleshed variety with remarkable eating qualities. It is early in maturing. The rind is extremely hard, making it an excellent shipping variety. Very prolific and handsome in appearance. A very profitable sort to grow. Edible in 87 days. Size 7 1/2 by 6 1/2 inches. Weight, 5 to 6 lbs. Pkt., 7c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 70c; lb., \$1.30.



SHUMWAY'S GIANT

The largest of the pink meated melons. Deeply ribbed, slightly netted. Skin lemon color as it ripens. The fruits average 12 to 15 lbs. Have been known to go as high as 25 lbs. The flesh for a large melon is very sweet and spicy. Not a shipping variety but for home use. Edible in 94 days. Pkt., 7c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 70c; lb., \$1.30.



HONEY DEW

A green fleshed perfectly round smooth skinned melon, light cream in color. The length of the melon is about 10 inches and about 9 1/2 inches in diameter. It is late in maturing and does not grow to perfection in the northern states. An excellent shipping variety and if properly kept will remain in edible condition for a long time. It is claimed this variety had its origin in Africa. Pkt., 7c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.40.



BANANA

A long variety tapering at both ends. Skin is lemon colored when mature. Pink flesh, delicious eating qualities. Edible in 94 days. Size 14 by 4 inches. Weight 7 lbs. Pkt., 7c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 70c; lb., \$1.30.



EMERALD GEM

A small smooth skinned variety. Slightly ribbed. The flesh is pink, very sweet and spicy. It should be picked when the skin is still green. When it starts to color it is over ripe. Excellent home garden variety. Edible in 87 days. Size 4 by 5 inches. Weight 2 lbs. Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c.

JENNY LIND

A small flat green fleshed early maturing variety. It is a standard early home variety. Edible in 87 days. Size 4 by 3 inches. Weight, 1 lb. Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c.



EARLY GREEN NUTMEG

The fruits are rather heavily ribbed and netted. Green fleshed, small size and almost round. This is one of the most prolific melons known. A very desirable variety for home use. Matures in 88 days. Size 5 by 5 inches. Weight 2 3/4 lbs. Pkt., 5c; oz., 10c; 1/4 lb., 28c; 1/2 lb., 45c; lb., 80c.

PRINCESS OR IDEAL

A large pink fleshed melon. Heavily ribbed and netted. An excellent main crop variety. Flesh is very thick, sweet and spicy. Another excellent variety for home gardening and local markets. Edible in 95 days. Size 7 1/2 by 7 inches. Weight 6 lbs. Pkt., 5c; oz., 8c; 1/4 lb., 28c; 1/2 lb., 45c; lb., 80c.



OSAGE

One of the most widely used melons in this country. The flesh is salmon colored, thick and spicy. A small seed cavity for so large a melon. An excellent melon for local markets and to ship where the distances are not great, in fact it is one of the finest all purpose muskmelons. Edible in 92 days. Size 8 by 6 inches. Weight 6 lbs. Pkt., 6c; oz., 12c; 1/4 lb., 35c; 1/2 lb., 65c; lb., \$1.20.

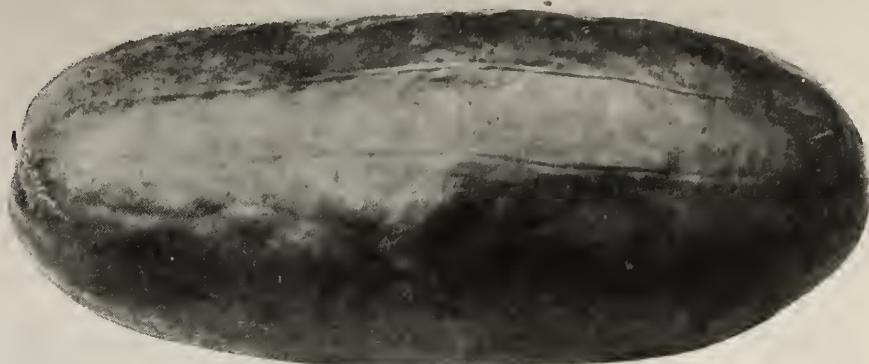
GREEN FLESH OSAGE

A selection out of the original Osage. Same as Osage except for its color. Pkt., 6c; oz., 12c; 1/4 lb., 35c; 1/2 lb., 65c; lb., \$1.20.



HALBERT HONEY

A fine medium early local market melon enjoying universal use. As the cut shows it is a long cylindrical variety with a deep green rind. A solid melon, firm sweet flesh weighing about 35 lbs. Vines are vigorous in growth, bearing very prolifically, making it a very profitable melon to grow. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



KLECKLY'S SWEET

A variety widely used for the home garden and market. It is long and symmetrical often reaching 22 inches in length and attaining a weight of 50 lbs. Skin dark green, flesh is a bright red, very tender and melting. Medium early in maturity. Edible in 87 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



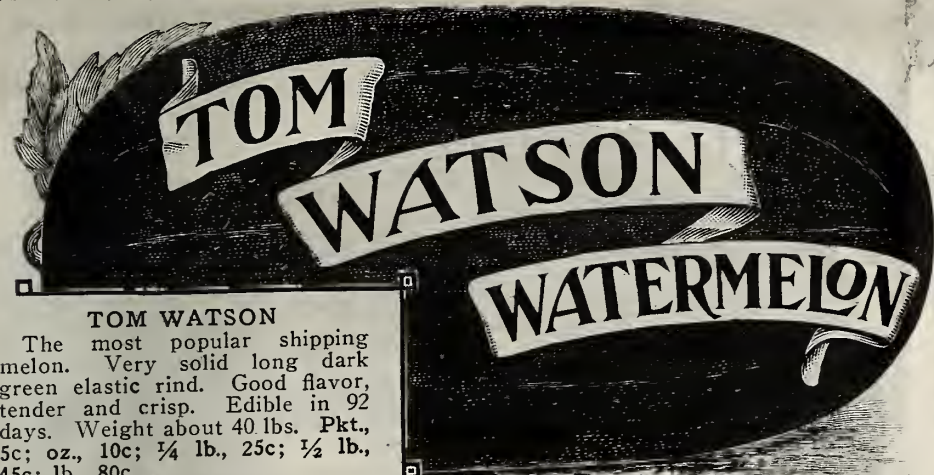
GREY MONARCH

A light green large type long melon. Not a shipping variety but excellent for local markets. Very prolific and fairly early in maturity. This sort is also called Long White Icing. Weight 25 lbs. Edible in 90 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



GOLDEN HONEY

The best yellow fleshed variety. Oblong in shape, rind a dark green. The flesh is a bright golden color. Very attractive and of excellent flavor. Weight about 20 lbs. Edible in 90 days. Pkt., 7c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10.



TOM WATSON

The most popular shipping melon. Very solid long dark green elastic rind. Good flavor, tender and crisp. Edible in 92 days. Weight about 40 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



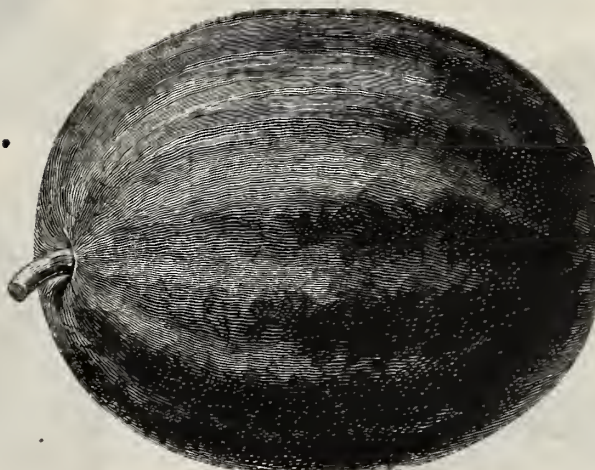
McIVER'S WONDERFUL SUGAR

This melon has remarkable shipping qualities. The shape is long, rind is light green with irregular dark green stripes. Very prolific. A profitable melon to grow. Weight 30 lbs. Edible in 92 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



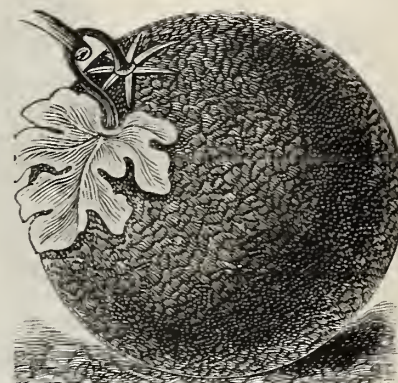
FORDHOOK EARLY

A variety widely used because of its extreme earliness. Slightly oval in shape and excellent quality. The rind is dark green with darker green stripes. A good variety for local markets. Weight 25 lbs. Edible in 85 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



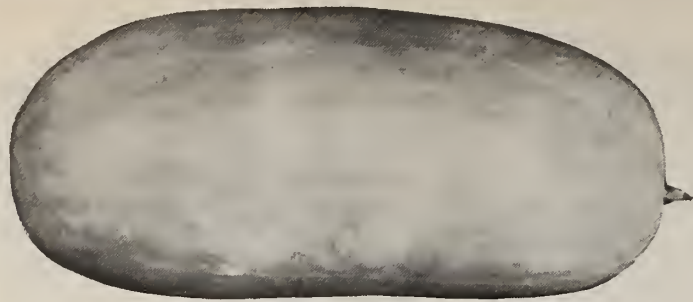
ICE CREAM

A white seeded early variety of excellent quality. The rind is very thin and medium green in color. This sort is very prolific. Not adapted for shipping. Edible in 90 days. Weight 20 to 25 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



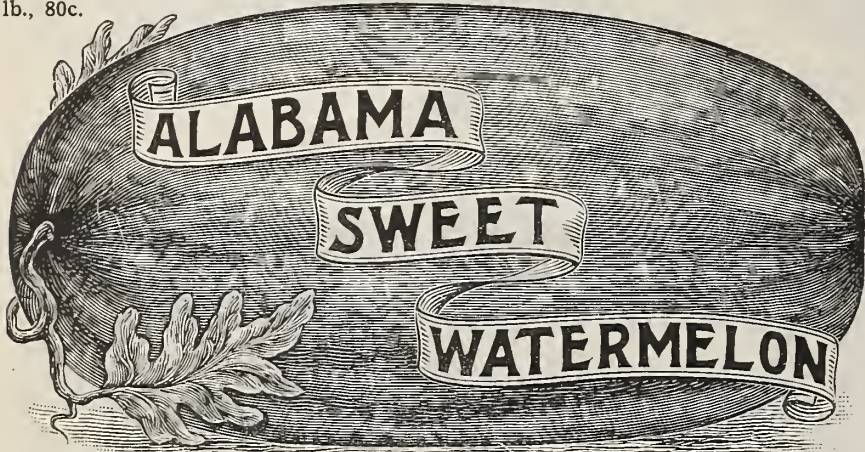
HUNGARIAN HONEY

A very early round variety, excellent in flavor, which cannot be surpassed by any sort. Edible in 87 days. Weight about 15 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



IRISH GREY

A very popular shipping variety. Rather large in size, long in shape. The rind is light green in color. The flesh is red, not stringy or coarse, very sweet. This is recommended equal to Tom Watson as a shipping variety. Average weight, 35 lbs. Edible in 90 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



ALABAMA SWEET

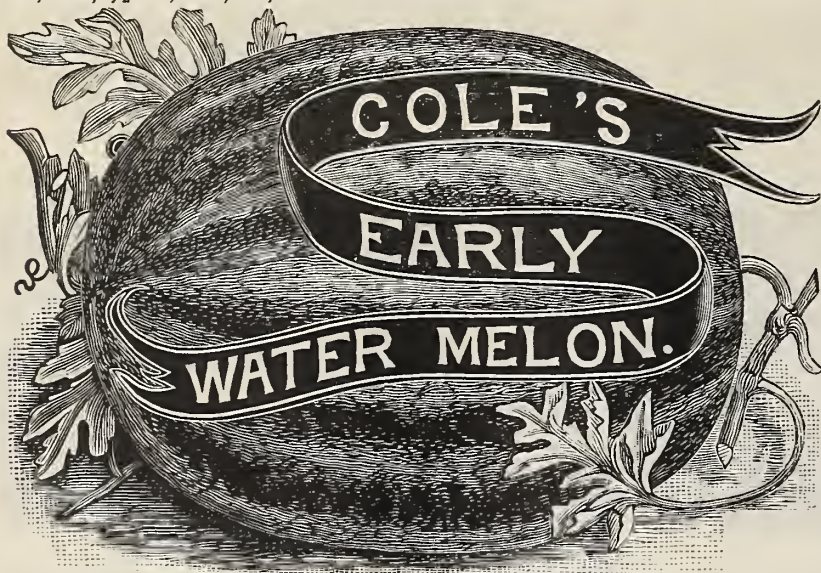
Another excellent shipping variety with tough, elastic rinds. A well known, widely used kind. The flesh is bright red, fine grained and sweet. White seeded. A melon that always sells well on the markets. Weight, about 30 lbs. Edible in 90 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.

FLORIDA FAVORITE

A large early variety of attractive shape. Excellent eating qualities. Flesh bright crimson. Good local market variety. Edible in 87 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.

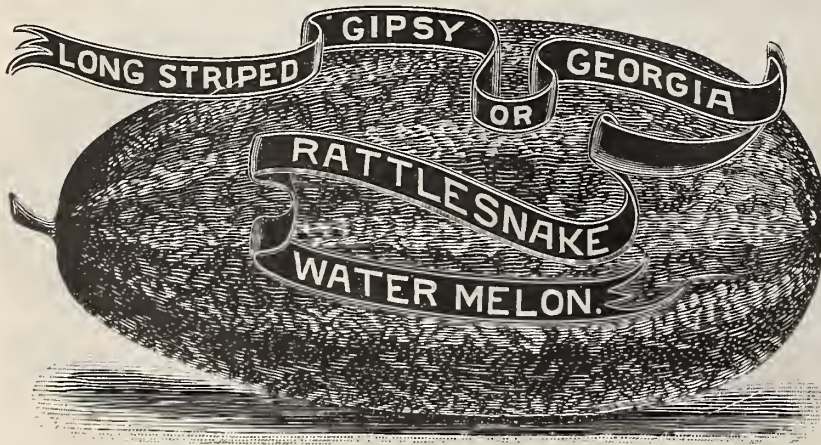
DIXIE

This melon has remarkable keeping qualities. The flesh is a bright red, seed black, rind striped dark and light green. Weight 25 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



COLE'S EARLY

An extra early sure cropper. This sort is medium in size, thin, brittle rind. The flesh is deep red, firm and delicious. Without a doubt the finest variety for home gardens. Weight about 20 lbs. Edible in 80 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



LARGE STRIPED GIPSY OR GEORGIA RATTLESNAKE

A standard variety of excellent shipping qualities. Light green color irregularly mottled with dark green stripes. Flesh a bright red and very sweet. Cannot be surpassed. White seeded. Weight 30 lbs. Edible in 92 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



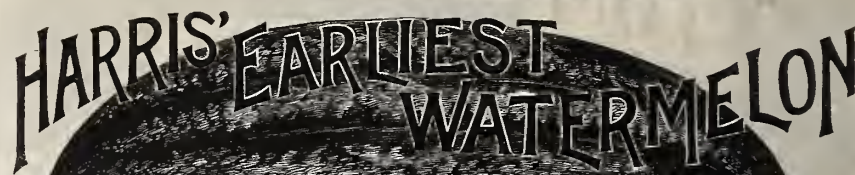
CHRISTMAS OR WINTER

A novelty in the line of watermelon. The fruits are medium size, pale yellow when ripe. The flesh is very sweet, bright red in color. This variety is extremely prolific. There is no doubt about its keeping qualities; melons may be taken from the patch or field before frost and stored away in a cool cellar and one may partake of watermelon for their Thanksgiving dinner. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



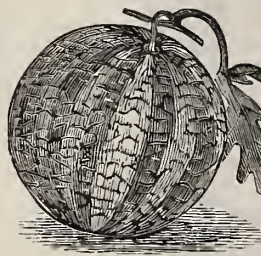
FERRY'S SWEETHEART

An extremely large melon of excellent quality. Rind is light green with fine veins. An excellent shipping variety. Black seeded. Weight 25 lbs. Edible in 88 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 80c.



HARRIS EARLIEST

An almost round black seeded melon. Rind is dark green striped with a lighter shade, flesh firm and delicious. A home as well as local market sort. A variety adapted for short growing season. Edible in 80 days. Weight about 20 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.



CITRON

Used exclusively for preserving. It is very hard, slightly striped, round in shape. The preserves made from this melon are transparent and of excellent flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c.



Destroys bugs, beetles, green or black flies, caterpillars, lice, worms, etc. Prepaid, 1 lb., 30c; 5 lb. bag, \$1.00; 10 lbs., \$1.90. Not prepaid, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.35; 1 lb. cartons have sifter top.

Onions



YELLOW FLAT DANVERS

A standard medium size flat variety. The onion is quite thick and has a yellow skin with creamy-white flesh, mild and crisp. A large yielder, ripening very uniformly. Very profitable where the market calls for a flat variety. This strain is also used for producing onion sets. Pkt., 6c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40.

EXTRA EARLY FLAT RED

An extra early sort that can be put upon the market earlier than any other variety. Purplish red flesh very solid and a good keeper. This variety will ripen well in the Northern states such as Wisconsin, Minnesota and Dakota. Pkt., 6c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40.



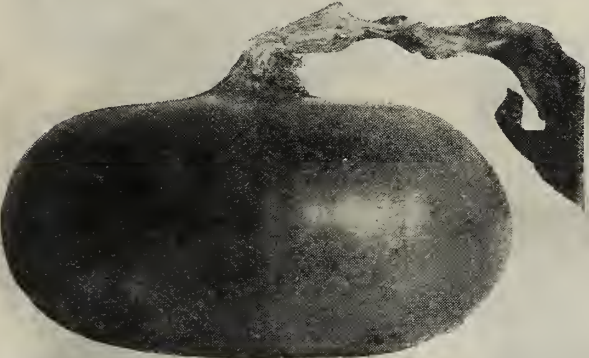
SOUTHPORT YELLOW GLOBE

This strain runs very uniform in size, beautiful ball shaped variety. A very heavy yielder, long keeping yellow variety. Used extensively in the onion growing districts of Indiana and Ohio. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



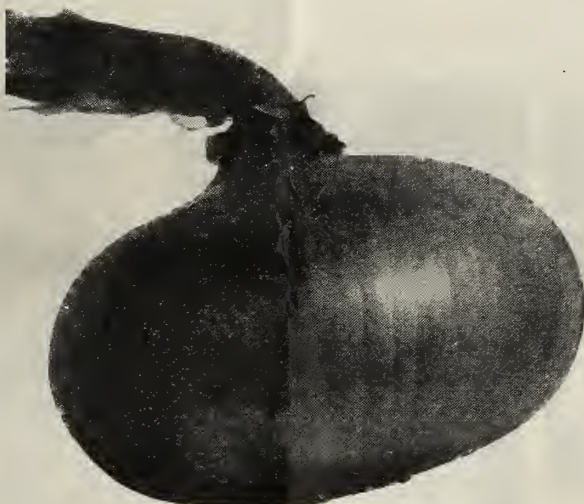
OHIO YELLOW GLOBE

Another variety of the yellow globe type which is used extensively in the onion growing districts. Very uniform shape, good color and fine size. The flesh is solid and mild. This variety is a heavy yielder of uniform growth. Keeping qualities excellent. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



STRASBURG OR FLAT DUTCH

A sort that is a little more flat than the Yellow Danvers. Its flesh is white, mild and fine grained. This variety is extensively used for the growing of onion sets. Pkt., 6c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40.



LARGE RED WETHERSFIELD

This variety is universally used. Very productive and fine keeper. Grown in large quantities for the markets. The skin is a purplish red with flesh just off of the white toward purple. The bulb is flattened with a comparatively thin neck, fine grained and a fairly mild flavor. This variety seems to do better than any of the others in poor soil. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



SOUTHPORT RED GLOBE

This onion is similar in shape to the Southport Yellow Globe. The color is dark red. An exceptionally good keeper, and a heavy yielder. Very popular with the onion growers who produce the red variety. Pkt., 6c; oz., 15c; ¼ lb., 55c; ½ lb., \$1.00; lb., \$1.90.



SOUTHPORT WHITE GLOBE

A very highly recommended beautiful globe shaped onion. Early, ripens evenly and good keeper. Growers for market find this very profitable as the demand is great due to its sweet flavor. Pkt., 10c; oz., 20c; ¼ lb., 75c; ½ lb., \$1.40; lb., \$2.70.



AUSTRALIAN BROWN

A flat medium sized sort. The skin is amber brown, white flesh. This variety is early, solid and a heavy yielder. Its keeping qualities are excellent even in the warmer sections of the country. Pkt., 6c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40.



YELLOW GLOBE DANVERS

Another very popular variety with the onion growers. It is earlier than Southport Yellow Globe, therefore demanding a little higher market price. Good size, thin neck and its keeping qualities cannot be excelled. Pkt., 6c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



AILSA CRAIG

Popular variety with the growers, as it is a real money maker. A beautiful straw colored skin covering a very large bulb that will average close to 2 lbs. A desirable onion to eat raw, as it is mild, sweet and crisp. There is no doubt but what this variety is a real competitor of the Spanish Onions. Pkt., 7c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; lb., \$2.50.



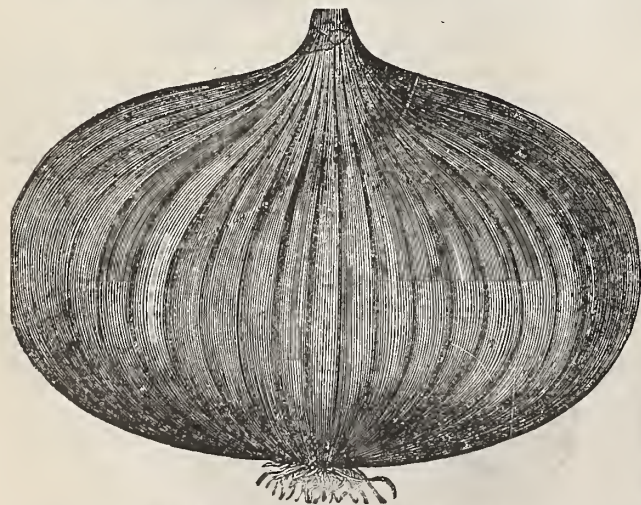
SWEET SPANISH

A large globe shaped light yellow onion, with small neck. This variety ripens very evenly. It is very sweet and crisp. In some sections of the country it is earlier than Prizetaker and larger. Being very mild shows plainly it is of the Spanish type which has become so popular the last few years. Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.75; lb., \$3.40.



WHITE PORTUGAL, OR SILVER SKIN

This variety is used for the growing of white onion sets, pickles and early bunching green onions. It cannot be surpassed for this all purpose demand. The matured bulb is medium size, flat and when properly cured will keep to about mid-winter. A variety that is sweet and mild in flavor. Pkt., 7c; oz., 18c; ¼ lb., 65c; ½ lb., \$1.25; lb., \$2.40.



EARLY WHITE BERMUDA

Really light yellow or straw in color. This variety is in general use throughout the onion growing district of Texas. The seed we have of this variety comes from the Teneriffe Islands, known as producing the best stocks of this variety. There is no onion that can compare with it in mildness and flavor. Always in great demand and all growers derive great profits from growing this sort. Pkt., 10c; oz., 25c; ¼ lb., 90c; ½ lb., \$1.75; lb., \$3.40.



MAMMOTH PRIZE TAKER

For a large onion this sort is quite exceptional. Fine grained, sweet, and if properly ripened and stored it will keep well. This variety is a yellow globe requiring a long season. Used extensively in Texas and some of the Western states. Pkt., 7c; oz., 18c; ¼ lb., 60c; ½ lb., \$1.10; lb., \$2.10.



GARDEN TROWEL, 20c

Handy tool in garden, or greenhouse.



SCUFFLE HOE

Each by mail, 50c

A very useful tool on the farm or in a garden. A long handle can be inserted. Two edges, draw and push.



GARLIC BULBS OR SETS

They have an onion or pungent flavor, making them desirable when used in the flavoring of soups, sausage as well as salad dressings. The set multiplies, which may be divided and grow large bulbs. ¼ lb., 15c; ½ lb., 25c; lb., 40c.



Connecticut Seed Leaf, Pkt., 10c; oz., 35c
Havana, Pkt., 10c; oz., 35c
Broad Leaf, Pkt., 10c; oz., 35c
Sweet Oronoco, Pkt., 10c; oz., 35c
White Burley, Pkt., 10c; oz., 35c
Sumatra, (Imported), Pkt., 10c; oz., 60c



LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH. 25¢ By Mail PREPAID



Large, smooth, superior variety. The young tender pods are cooked in soups, stews, etc. Healthful and delicious. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

LONG GREEN POD OKRA

The seed pods are used while tender and succulent, in soups and stews. Very nutritious. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

Shumway's Onion Sets

Set 10 to 12 Bushel to the Acre

The onion sets we have to offer are all graded, passing through a one-inch screen, making them run about 2/3 of an inch in diameter. Our sets are all fanned and picked over before making shipment, so the purchaser receives only solid sets.

Sets that are greater than 1 inch in diameter will throw off a seed stalk making it impossible to produce large onions from that size.

RED—Grown from seed of Red Wethersfield. 1 bu., \$2.85; 1/2 bu., \$1.55; 1/4 bu., 80c; 1/8 bu., 50c.

YELLOW—Grown from Yellow Flat Danvers. 1 bu., \$2.85; 1/2 bu., \$1.55; 1/4 bu., 85c; 1/8 bu., 50c.

WHITE—Grown from seed of White Portugal. 1 bu., \$3.50; 1/2 bu., \$1.90; 1/4 bu., \$1.00; 1/8 bu., 55c.

MIXED—Mechanically made by mixing the three varieties together. 1 bu., \$2.85; 1/2 bu., \$1.55; 1/4 bu., 85c; 1/8 bu., 50c.

All of the above prices are quoted transportation charges collect.

Prepaid, any color, 4 qts., 90c; 1 qt., 25c; pint, 15c.

Shipped on a basis of 32 lbs. to the standard bushel.

Shumway's Onion Plants

You can now have onions two weeks earlier by setting onion plants. We recommend them for early bunching or for dry onions to be used early in the season. However, do not use them to grow large onions for all winter storage as they will not keep so well. If you desire onions for this purpose use the seed of the well known sorts such as the Southports, Danvers, or Wethersfield.

The plants are shipped from our growing station and orders are only accepted up to May 1st in lots of hundreds of a variety. For example: 100, 200, 300, etc. We cannot accept orders for 150 or 350, they must be in even hundred lots.

Plant in rows 15 inches apart and 3 to 4 inches apart in the row.

We offer plants of the following varieties only: By mail, postage paid.

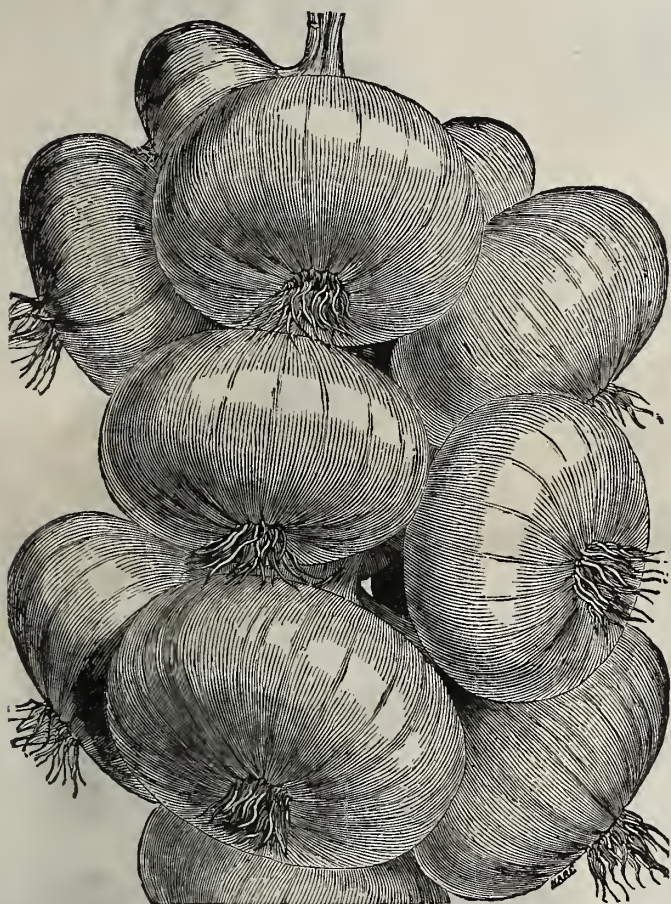
Southport White100, 45c; 300, \$1.15; 500, \$1.50; 1,000, \$2.75

Prizetaker100, 45c; 300, \$1.15; 500, \$1.50; 1,000, \$2.75

Yellow Bermuda100, 45c; 300, \$1.15; 500, \$1.50; 1,000, \$2.75

If wanted in larger lots ask for special prices.

NOTICE. Do not expect your plants to arrive with your seed order. They will be shipped in a separate package. No plants shipped to California on account of Quarantine laws which cause delays and damage to plants.



WHITE QUEEN

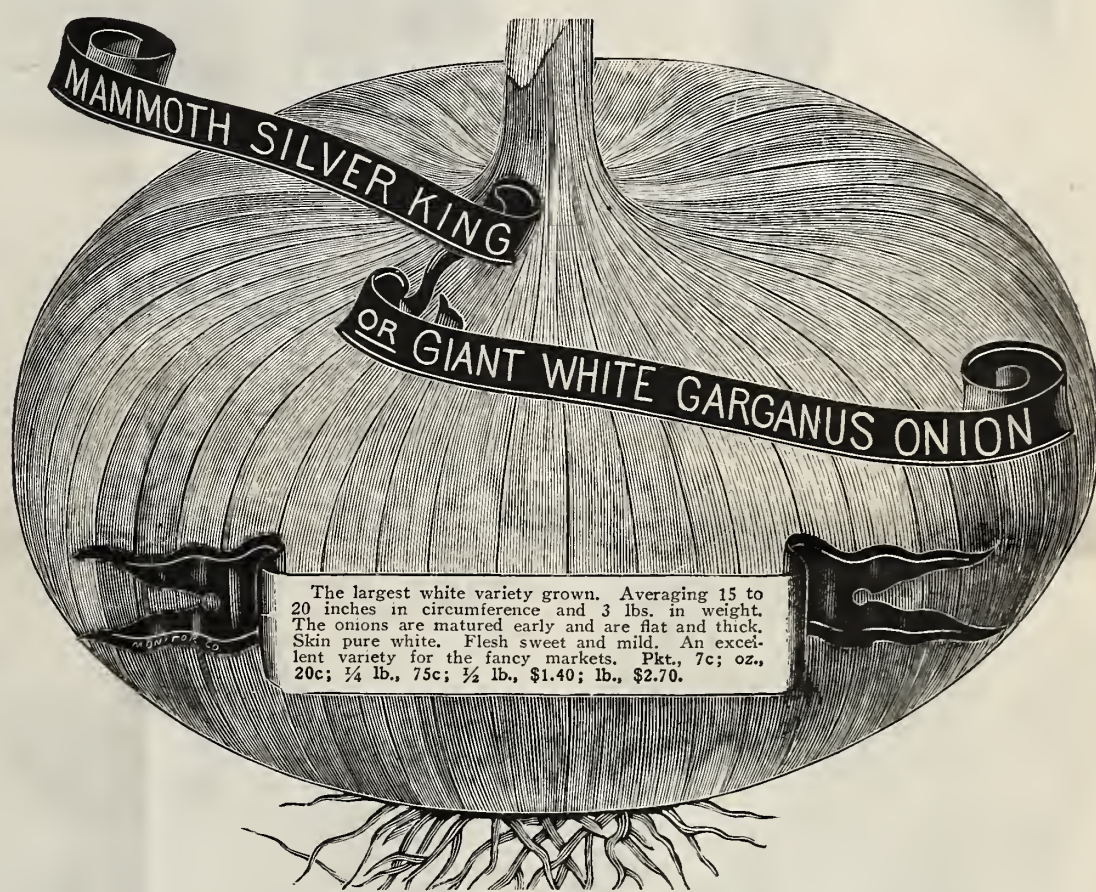
One of the earliest varieties grown. Small in size when sown rather thickly. Desirable as a pickling variety, also desirable for bunching to supply the early market. Its extreme earliness makes this desirable for supplying the early trade. Pkt., 7c; oz., 20c; 1/4 lb., 75c; 1/2 lb., \$1.40; lb., \$2.70.

WHITE ADRIATIC

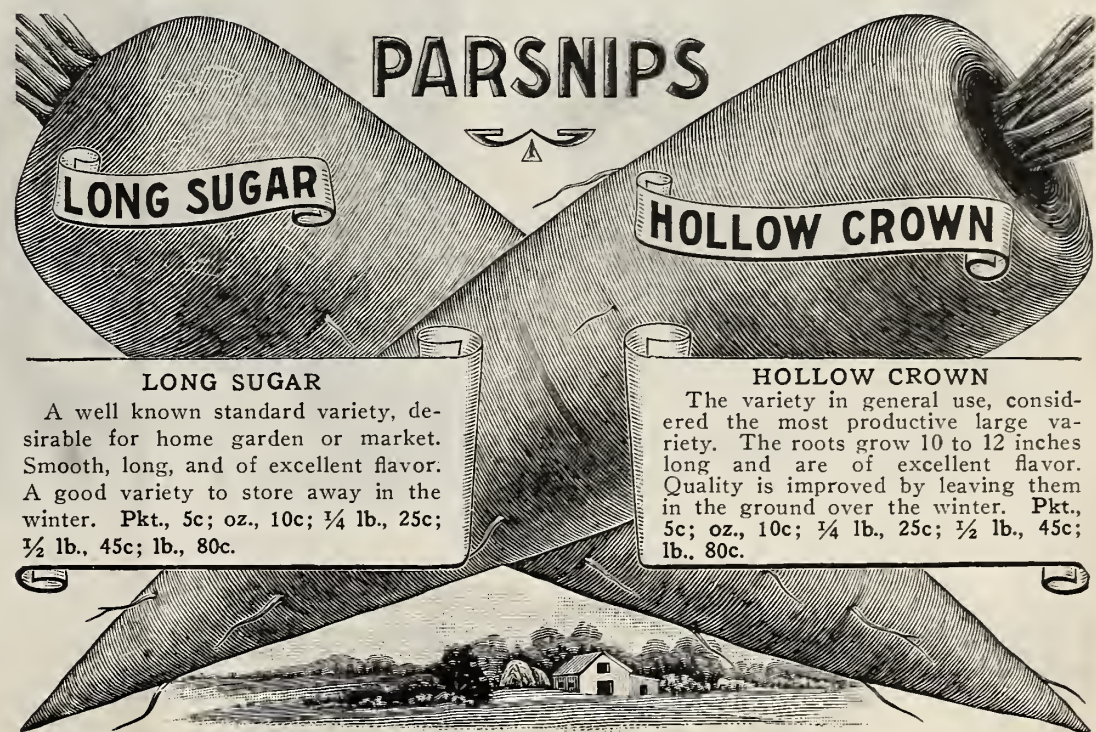
Barletta. A very early, beautifully white, small, mild variety. Used extensively for pickling. The skin is silvery-white and as thin as tissue paper. Pkt., 7c; oz., 20c; 1/4 lb., 75c; 1/2 lb., \$1.40; lb., \$2.70.

WHITE PEARL OR AETNA

Considered one of the earliest white varieties. The shape is almost round, beautiful in appearance. The skin is thin and the flesh a clear white. Flavor is very mild. Pkt., 7c; oz., 20c; 1/4 lb., 75c; 1/2 lb., \$1.40; lb., \$2.70.



The largest white variety grown. Averaging 15 to 20 inches in circumference and 3 lbs. in weight. The onions are matured early and are flat and thick. Skin pure white. Flesh sweet and mild. An excellent variety for the fancy markets. Pkt., 7c; oz., 20c; 1/4 lb., 75c; 1/2 lb., \$1.40; lb., \$2.70.



PARSNIPS

LONG SUGAR

LONG SUGAR
A well known standard variety, desirable for home garden or market. Smooth, long, and of excellent flavor. A good variety to store away in the winter. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; lb., 80c.

HOLLOW CROWN

HOLLOW CROWN
The variety in general use, considered the most productive large variety. The roots grow 10 to 12 inches long and are of excellent flavor. Quality is improved by leaving them in the ground over the winter. Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; lb., 80c.

**LANG'S
HAND
WEEDER**

HANDIEST TOOL ON EARTH. 25¢ By Mail PREPAID



Peas



LITTLE MARVEL

The best early dwarf variety. A favorite with the market gardener and excellent for home use. Pods are 3 inches long, heavily set, often producing in pairs, dark green in color, well filled to the ends. Vines are strong and robust, holding the pods well off of the ground. This variety cannot be recommended too highly. Straw 15 inches long. $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 75c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00.



GRADUS

This has been one of the leading varieties since its introduction. It is a large wrinkled early sort with pods nearly as large as Telephone. Peas good size, tender and excellent quality and flavor. The foliage is vigorous and luxuriant pale green. Pods four inches long, straight and slightly rounded at the point. An excellent variety for the home garden and market purposes. Length of straw 36 in. $\frac{1}{2}$ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



IMPROVED LARGE TELEPHONE

One of the grandest, largest late peas. Vigorous in growth, rich, dark green foliage. Pods, 5 to $5\frac{1}{2}$ inches long, dark green. Extensively used for the select late market trade. An excellent yielder, therefore, profitable. Length of straw, 42 inches. $\frac{1}{2}$ lb., 18c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.

DWARF TELEPHONE OR DAISY

A mid-season variety ripening about a week earlier than Stratagem. The pods are 4 inches long, broad, straight, round at the point, often containing 10 peas. This is remarkable for a dwarf variety. Length of straw, 20 inches. $\frac{1}{2}$ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



BLISS EVERBEARING

A variety vigorous and branching in habit of growth. The peas are borne very abundantly, and if kept picked the pods will continue to form. Pods 3 inches long, broad and wrinkled. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.



In ordering specify for Peas.
Inoculator size for 1 bu., \$1.00;
 $\frac{1}{2}$ bu., 60c; $\frac{1}{4}$ bu., 40c; Garden
size, 20c.

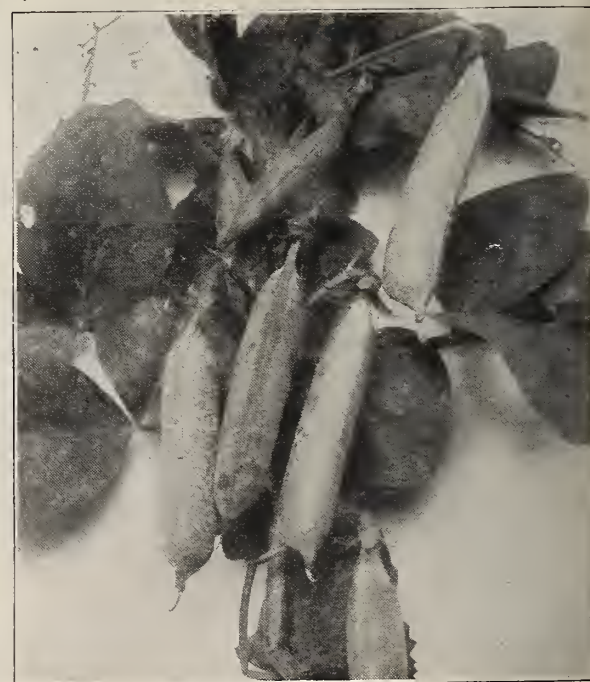
Notice

Peas are not listed by the packet, as there would not be sufficient seed in a packet to produce a picking large enough to serve two people



CHAMPION OF ENGLAND

Prized highly by those who are fond of large, tender, luscious peas. Hardy and vigorous in growth, the pods are 3 inches long, blunt, dark green in color, nearly straight. One of the old standbys, remaining very popular. Straw, 48 inches in length. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.



NOTT'S EXCELSIOR

This is one of the best dwarf wrinkled peas in cultivation. Very sweet and prolific. It resembles Premium Gem, but is more uniform in growth and a heavier yielder. The peas seem to be packed tight in the pods which are produced in great abundance on the straw. The pods are light green in color, straight and round, $2\frac{1}{2}$ inches long. This is one of the most popular varieties with the market gardener and an excellent variety for the home garden. Length of straw, 14 inches. $\frac{1}{2}$ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.85; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



THOMAS LAXTON

This variety resembles Gradus in habit, but is hardier, as early and foliage similar. The pod is darker in color and a little shorter, however, they are well filled and very prolific, generally exceeds the Gradus in this respect. Pods $3\frac{1}{4}$ inches long. This variety is in great demand with the market growers for supplying the fancy markets. Length of straw, 36 inches. $\frac{1}{2}$ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.

In ordering specify for Peas. Inoculator size for 1 bu., \$1.00; $\frac{1}{2}$ bu., 60c; $\frac{1}{4}$ bu., 40c; Garden size, 20c.



SHUMWAY'S PERFECTION

The most delicious sweet early variety. A sort that will surely please those who wish to be the first on the market with green peas. Straw 18 inches in length. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.

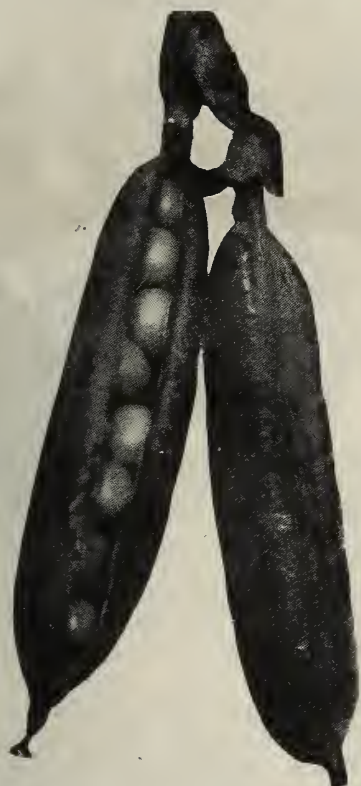


PREMIUM GEM

There is no variety of the earlies that is more popular. It is hardy, prolific and uniform in habit and growth. Pods $2\frac{1}{2}$ inches long, well filled in the end, containing peas of fine flavor which are produced about a week later than American Wonders. Straw 18 inches in length. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.

McLEAN'S LITTLE GEM

Similar to Premium Gem, but more straggling in growth. This variety has been handed down over a great number of years and still retains its popularity with the market and home gardener. Straw 18 inches in length. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.15; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.



ALASKA

A variety extensively used by the canning factories. It is very early and when properly cared for will bear the peas at one time. The foliage is light green in color, the pods $2\frac{1}{2}$ inches long, round and well filled. The seed is round, with a bluish cast, slightly pitted. This variety keeps well in the basket after being picked, making it a desirable variety for the early market. Height, about 30 inches. $\frac{1}{2}$ lb., 17c; lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.75.

AMEER

Sometimes called Large Podded Alaska. It is similar in growth and appearance, but the pods are longer and the peas larger, about 3 inches long and slightly curved. A good variety for the market gardener as well as the home garden. Straw, 30 inches in length. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.



LAXTONIAN

This extremely early variety is really a giant of the Dwarf growing peas, remarkable for the small home garden, as it yields abundantly for the small space given to it. Pods 4 inches long and well filled with 8 dark green peas. Excellent flavor. This variety is also used by the market gardeners to supply the fancy markets, as it is the pea of real quality. Length of straw 18 inches. Ready for use 70 days after time of planting. $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.60; 25 lbs., \$5.75; 50 lbs., \$11.25; 100 lbs., \$22.00.

AMERICAN WONDER

One of the well known early varieties that has been before the garden public for a great many years. An excellent sort for the home garden as well as market gardeners. It has dark green luxuriant foliage, leaves produced on one side of the stalk. Pods dark green, straight, well filled to the ends, $2\frac{1}{2}$ inches long. Straw 10 inches in length. $\frac{1}{2}$ lb., 18c; lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.



ALDERMAN

A large podded late variety, $4\frac{1}{2}$ to 5 inches long and of excellent quality. The vines are vigorous and produce abundantly. A variety of merit for the market gardener. Length of straw, 45 inches. $\frac{1}{2}$ lb., 20c; lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



SUTTON'S EXCELSIOR

This is a very popular dwarf wrinkled variety. Vines are somewhat more vigorous than Nott's Excelsior and equally productive. The pods are large, broad and well filled with large peas; heavily set and often produced in pairs, pale green in color. Straw 16 inches in length. ½ lb., 20c; 1 lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.

IMPROVED STRATAGEM

This variety comes into use after the Gems; it is a heavy cropper, very vigorous in habit, pods are 4½ inches in length, large, broad, dark green in color. Peas are of superior quality. An excellent variety for market and home use. Straw 20 inches long. ½ lb., 18c; 1 lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.

LARGE WHITE MARROWFAT

Hardy, vigorous, bearing prolifically. Pods 3 inches long near the top of the vines. This is one of the older varieties and many people prefer them to the varieties that are sweeter. This sort is also used for sowing with oats for feeding stock. ½ lb., 17c; 1 lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$3.75; 50 lbs., \$7.35; 100 lbs., \$14.50.



FIRST & BEST

Productive extra early variety with a vigorous vine light in color and uniform in growth. Pods are straight, 2¾ inches long, round, light in color with blunt ends. A desirable variety for the extra early market. Straw 30 inches in length. ½ lb., 17c; 1 lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.75.

TOM THUMB

This sort is very early and hardy. Will stand very early planting. Pods are pale green, 2½ inches long, round and nearly straight. A variety of good quality considering the extreme earliness. Straw 12 inches in length. ½ lb., 18c; 1 lb., 34c; 2 lbs., 65c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.85; 25 lbs., \$4.50; 50 lbs., \$8.75; 100 lbs., \$17.00.

PHILADELPHIA EXTRA EARLY

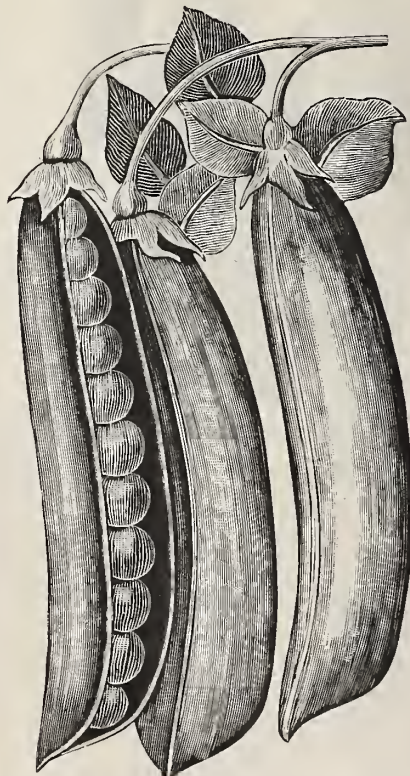
An exceedingly productive extra early variety. A sort that will stand very early planting. Vines are healthy and vigorous. Seed is light cream color and smooth. Pods 2¾ inches long. Length of straw, 30 inches. ½ lb., 17c; 1 lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$3.85; 50 lbs., \$7.50; 100 lbs., \$14.75.



MELTING SUGAR

A large late sugar pod pea. The pods are edible and snap the same as beans without any strings. Extremely sweet, rich and tender, should be used while pods are small.

½ lb., 20c; 1 lb., 37c; 2 lbs., 70c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90; 25 lbs., \$4.70; 50 lbs., \$9.25; 100 lbs., \$18.00.



HORSFORD MARKET GARDEN

This variety resembles Premium Gem in habit, but is about 10 days later. Producing pods in pairs very prolifically. The foliage is dark green. Pods 2½ inches long, straight and blunt. This sort is very popular with the canners as well as the market gardener. Straw 24 inches in length. ½ lb., 17c; 1 lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$3.75; 50 lbs., \$7.35; 100 lbs., \$14.50.

McLEAN'S ADVANCER

Another well known variety largely used by market gardeners and canners. The vines are upright and vigorous in growth. Very productive. Pods 2¾ inches long, round, abundantly borne near the tops of the stalks. Peas are of fine quality. Straw 22 inches in length. ½ lb., 17c; 1 lb., 32c; 2 lbs., 60c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$3.75; 50 lbs., \$7.35; 100 lbs., \$14.50.



In ordering specify for Peas. Inoculator size for 1 bu., \$1.00; ½ bu., 60c; ¼ bu., 40c; Garden size, 20c.

Peppers



MAMMOTH GOLDEN QUEEN

A novelty in the pepper family. Very large, bright, waxy golden yellow. Very mild, making them a delightful addition to salads. Pkt., 10c; oz., 40c; ¼ lb., \$1.75.



CHINESE GIANT

This variety is correctly named as it produces fruit of an enormous size. Very prolific. The flesh is thick, tender and sweet. Very desirable for salads or to be stuffed and baked. This is the choice late variety. Pkt., 12c; oz., 55c; ¼ lb., \$1.85.



LONG RED CAYENNE

A well known, pungent, very sharp variety. Used in pickles and pepper sauce, also desirable for feeding birds. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

HARRIS EARLY GIANT

A new variety which is readily sought for on all markets. Early, beautiful red, extremely tender variety. Really a peer in the pepper family. Very desirable in size and for the preparing of all pepper delicacies. Should be planted by all who desire peppers in their garden. Pkt., 15c; oz., 60c; ¼ lb., \$2.00.



RUBY KING

Very large ruby red variety. Flesh thick, crisp and tender. Very prolific. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.

SMALL RED CHILI PEPPER



SMALL RED CHILI

Beautiful red pods about 2 inches long. They are very hot, desirable in the making of pepper sauce or pickles. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

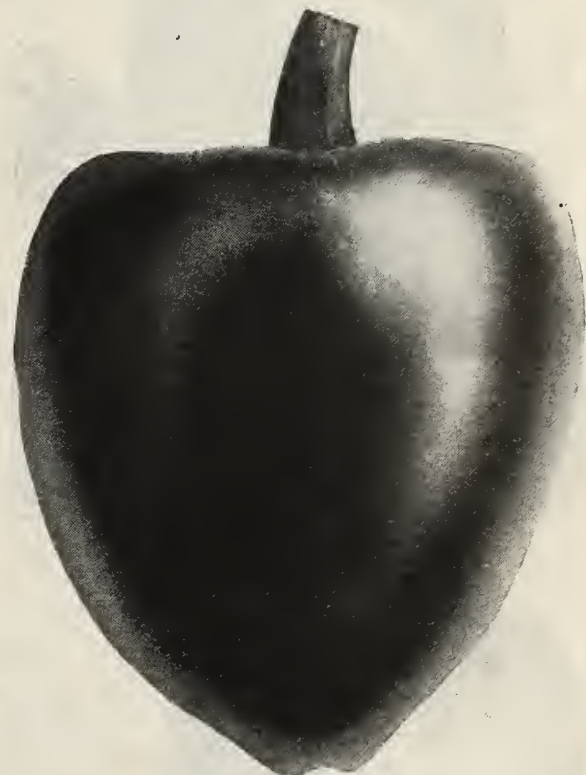
BULLNOSE OR LARGE BELL

Large, extremely prolific mild variety. The skin is bright glossy red, flesh very thick. They sell readily on the markets, being a favorite pickling as well as salad variety. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.75.



CELESTIAL

This is a sharp, pungent, useful variety which bears fruit the whole season. This is a valuable ornament for the flower garden as fruit appears in all stages at one time. Desirable for pickles or pepper sauce. Pkt., 10c; oz., 40c.



PIMENTO

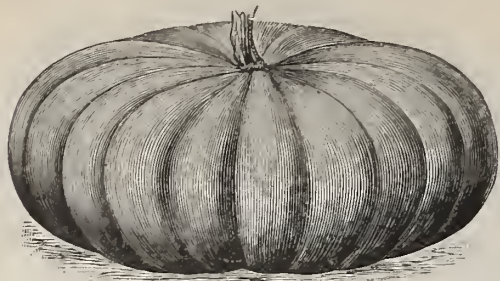
This is the sweetest pepper grown; no trace of sharpness. The peppers are medium size and are grown abundantly on a well formed bush. An excellent variety to be used in salad or for baked stuffed peppers. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.



MOUNTAIN SWEET

A very popular pepper for salads and pickles. A glossy red thick flesh and is not pungent. This variety meets with ready sale wherever offered. Pkt., 10c; oz., 30c; ¼ lb., 90c.

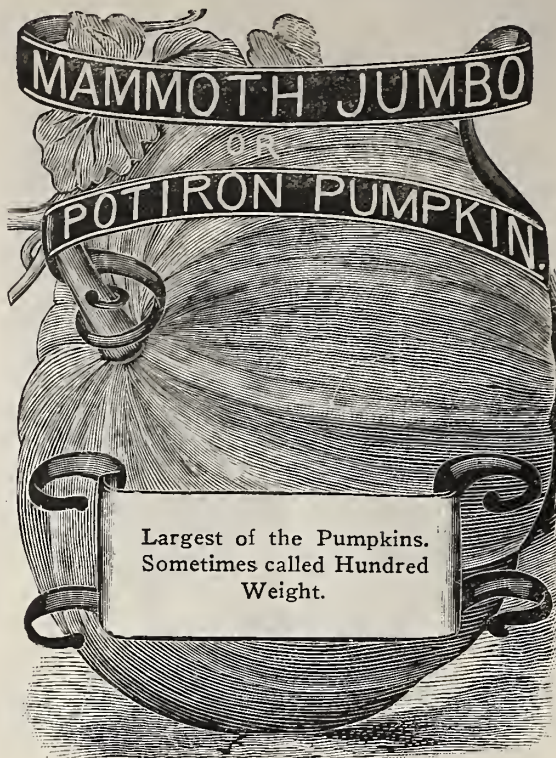
LANG'S
HAND
WEEDER
 HANDIEST TOOL ON EARTH. 25¢ BY MAIL PREPAID



LARGE CHEESE

Similar to a cheese box in appearance. They are very flat, cream colored and slightly ribbed. Keeping qualities excellent. This is one of the older varieties which is still very popular. Very prolific and disease resistant. Matures in 110 days. Weight, 10 lbs. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

Pumpkins



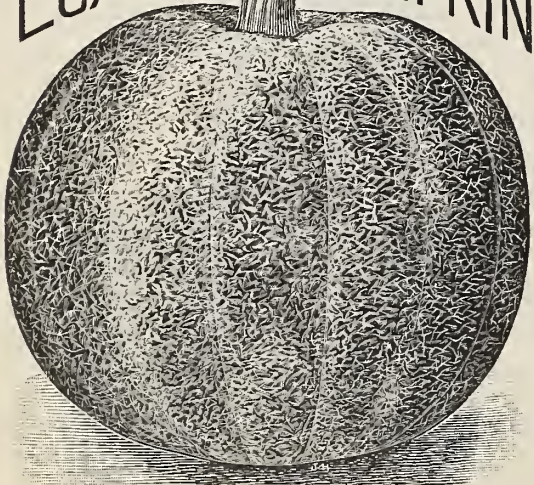
This sort is generally used for stock feeding and for exhibition purposes. They are a bright lemon in color, mottled with orange; round with a trace of ribs. The flesh is very hard and firm. Matures in 120 days. Average weight, 60 lbs. Pkt., 8c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.50.



SUGAR

This is also called Boston Pie and Sugar Pie. Without a doubt this is the best pumpkin for general use. It is late, very prolific, thick, sweet flesh. They are round and flat on the ends. Deep orange in color. It will store exceptionally well. Used largely for canning but more for home and market gardens. Matures in 120 days. Weight, 6 to 7 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

WINTER OR LUXURY QUEEN PUMPKIN



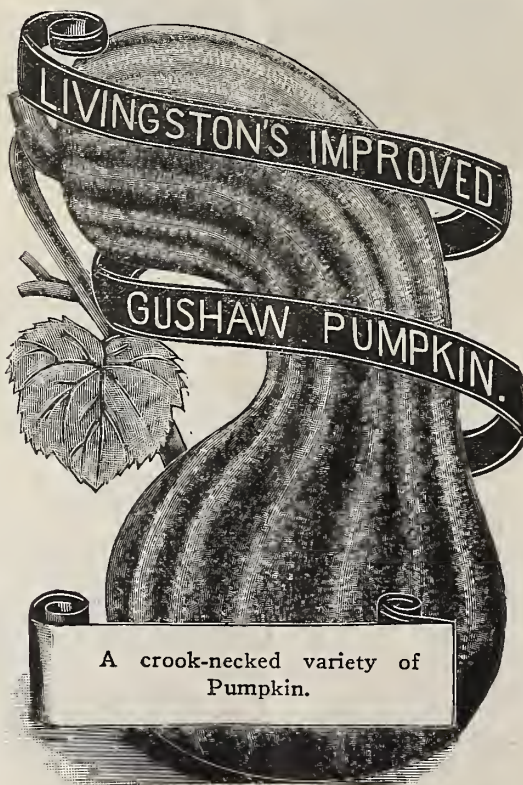
WINTER LUXURY OR QUEEN

This is similar in size to the Sugar Pumpkin, but is covered with a fine netting. It is one of the sweetest and most prolific varieties. The color when ripe is a light orange. Average weight, 7 lbs. Matures in 100 days. A very desirable variety for pies. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

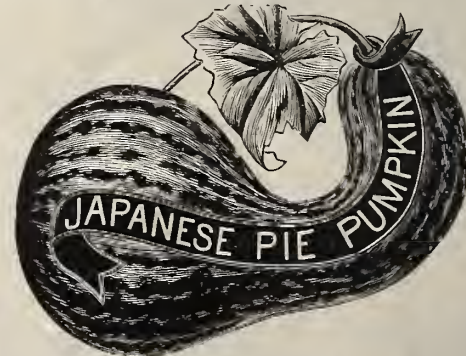


TENNESSEE SWEET POTATO

The fruit of this variety are pear or bell shaped. Medium size, white skin, slightly mottled with green strings. Average weight about 15 lbs. The flesh is creamy white, thick and sweet. It rivals the sweet potato in flavor, generally liked. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00.

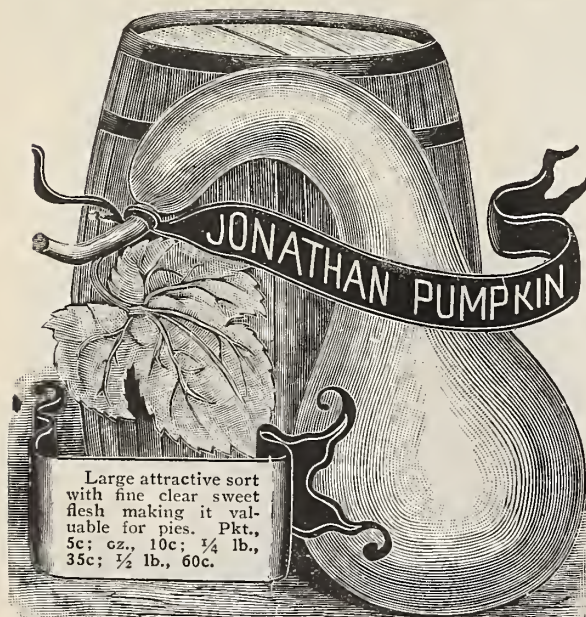


The rind is white mottled with irregular green stripes. Comparatively early and very prolific. Largely used for feeding stock. Average weight, 12 lbs. Matures in 120 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



JAPANESE PIE

This is similar in shape to the Cushaw. Crook-necked, the skin is dark green. The seeds are large, showing a polish with markings similar to Chinese Letters. This is an early popular variety both for pies and for feeding stock. Matures in 115 days. Weight 10 to 12 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 60c; lb., \$1.00.



KENTUCKY FIELD

A fine grain, large sort and does well amongst corn. Very sweet and fine for pies or canning, and very rich food for stock. Heavy yielder. Oz., 8c; ¼ lb., 20c; ½ lb., 35c; lb., 60c.



LARGE YELLOW CONNECTICUT FIELD

The old, well known, standard eastern sort for stock feeding. Can be grown anywhere. Very good for pies and sells well in market. ¼ lb., 20c; ½ lb., 35c; lb., 60c, postage paid. By express, charges collect, 3 lbs., \$1.50.

Radish



VICK'S SCARLET GLOBE

This variety is recommended highly for its earliness. Excellent forcing quality and certainly one of the popular varieties for the open ground. Produces radishes scarlet in color, crisp and tender, in about 25 days. This sort seems to be able to stand the heat in dry weather without becoming pithy or strong. Foliage is small, making it a desirable variety for the market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.



ROSY GEM

This strain has come into popularity very rapidly. Beautiful red with a white tip. An excellent variety for bunching, as the quality is excellent and the tops are short. This variety cannot be recommended too highly. Market gardeners buy this in great quantities and make weekly plantings. It produces quickly, radishes of superior quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.



ICICLE

The ideal white variety which remains crisp and mild until too large for bunching. It matures early with a short top, making it a very desirable bunching variety. For a succession, a planting should be made every week. Pkt., 6c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



EARLY ERFURT OR RAPID FORCING

This variety is called under many names, such as "20 Day," "Fireball," etc. One of the best all purpose varieties grown. It being extra early, the demand for it in the gardening trade is great. It is a dazzling red in color. Crisp, tender, and mild in flavor. Very solid and slow to become pithy. Pkt., 5c; oz., 10c; ¼ lb., 23c; ½ lb., 40c; lb., 70c.



FRENCH BREAKFAST

One of the well known varieties which is very popular for outdoor as well as growth under glass. Beautiful scarlet in color, with a white tip which lends to its appearance when bunched. Its quality is excellent, meeting practically all the demands placed upon it. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.



BRIGHTEST LONG SCARLET

A desirable variety for home garden. The radish is a bright scarlet color, which blends to a pure white at the tip. This variety is usually ready for use in 25 days. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.

LONG SCARLET SHORT TOP

The name practically tells the story of this variety. It is a very crisp, clean appearing radish, making it desirable for the market as well as home gardens. Very fine quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 75c.

LONG WHITE STRASBURG

The flesh of this variety is snow-white, tender and not sharp. Grows quickly and crisp. Ready for the market at any stage of growth. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.



SCARLET OLIVE

An early olive-shaped variety of excellent quality. Beautiful and attractive in appearance. This variety is a good seller on the markets and very desirable in the home garden. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.



CARMINE GLOBE

A new dazzling red variety that is ready for use ahead of many of the other sorts. As a forcing variety it cannot be excelled and remarkable as a producer in the open ground. Tender, sweet and crisp, which are the desirable points of a radish. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c.



SHUMWAY'S GOLDEN GLOBE

A large, crisp, golden yellow variety which stands the heat the best of any of the strains. It grows rapidly and when not too large is very sweet and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.

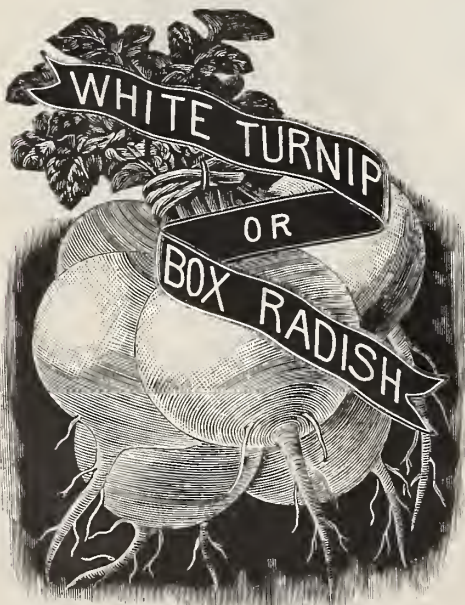


WHITE TIPPED SCARLET TURNIP

Selected stock. This variety without a doubt is one of the best market gardeners' sorts. Turnip shaped, bright scarlet in color with a white tip. Beautiful in appearance, pleasing to the taste. A combination that always makes this strain meet with ready sale. One of the finest for the market gardeners. Pkt., 5c; 1 oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.

WHITE TIPPED OLIVE

A variety that had its origin in France. One of the earliest and of exceptional quality. It is crisp and tender, beautiful scarlet in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.



WHITE TURNIP OR BOX

The purest white round radish on the market. All of the fine qualities of the other varieties and makes a beautiful appearance when bunched with the scarlet sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.

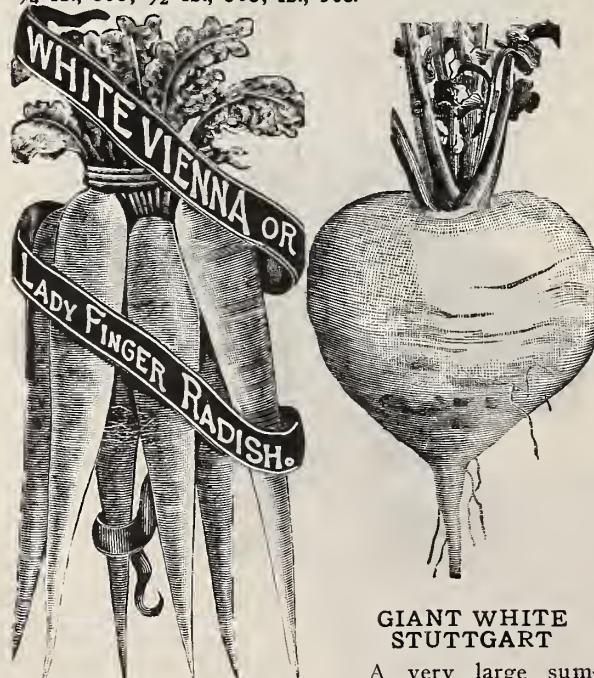


A long beautiful red variety, tips shade to snow-white. Quality is excellent and meets with ready sale where the market requires a long radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.



CRIMSON GIANT

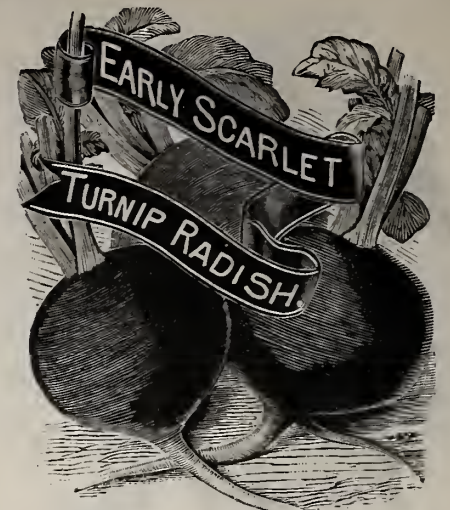
An all purpose variety. About twice the size of other sorts, but does not become pithy or strong. The flesh is a crystal white, tender, crisp and sweet. This variety makes a beautiful appearance when bunched and ready for market. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.



An ivory white, brittle, early, beautiful shaped long radish. Cannot be excelled for the market gardener or the home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.

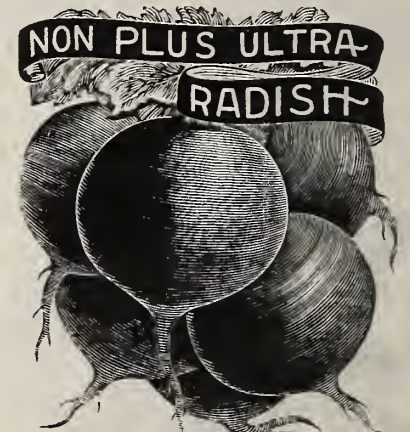
GIANT WHITE STUTTGART

A very large summer variety. Very slow to become pithy as it is able to withstand the heat. Recommended for market as well as home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.



EARLY SCARLET TURNIP

This is a well known, very early variety of exceptional quality. Beautiful scarlet in color. Short top which makes it a desirable variety for the market gardener and in the home garden where space is scarce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; lb., 75c.



NON PLUS ULTRA

An extra early, bright red forcing variety as well as a desirable strain for outdoor planting. The flesh is a crystal white, crisp and juicy, of extra good quality. For those who produce radishes under glass this variety cannot be excelled. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 85c.



WINTER VARIETIES

Not to be sown until June 15th or after

JAPANESE WINTER

A stump root variety that grows to considerable size. Very solid ivory white in color. When stored in sand will keep well into the winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.

MAMMOTH WHITE

Sometimes called California Mammoth Winter. This grows to an enormous size, often over a foot long. It is pure white, solid and brittle. Can be sown in July. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.

CHINA ROSE

A bright rose color winter variety. Sow the seed the latter part of June to the last of July. Roots may be stored away for winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.

MAMMOTH WHITE CHINESE STUMP ROOT

This valuable variety can be used at all seasons of the year and be kept the same as the winter variety. This has all the desirable qualities that can be expected of a radish. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.

LONG BLACK SPANISH

This variety is a dark purple in color, almost black. This sort keeps exceptionally well when stored for winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c.

Spinach



NEW ZEALAND

This is commonly called spinach, but in reality it is not. However, it is carried in this classification, as it supplies greens throughout the summer. It grows in bush form an abundance of stalks and leaves that are fleshy and brittle. The seed should not be sown until it has been soaked in warm water over night. Then sow in the open ground after May 1st or when the soil is fairly warm. The seed will not germinate in cold soil. Thin the plants in the row to stand about 18 inches to 2 feet apart, so as to allow sufficient room for growth. Pkt., 7c; oz., 12c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



ROUND LEAF

A splendid variety desirable for home or market. Leaves are quite crumpled, brittle and tender. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., \$2.00, postage paid.



BLOOMSDALE SAVOY

This is a very desirable variety, as the leaves are decidedly crumpled, very fleshy, allowing it to lie in hampers rather lightly. Very early and of fine quality. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., \$2.00, postage paid.



MONSTROUS VIROFLAY

A quick growing variety used extensively by the gardeners in the East. A profuse yielder of large leaves. A desirable variety for either spring or fall planting. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., \$2.00, postpaid.



SALSIFY OR VEGETABLE OYSTER

This vegetable surpasses carrots or parsnips in richness. It should be grown more generally, as it affords a pleasing variation for the table, when boiled or fried, or after par-boiling can be grated, rolled into flattened balls and fried. The winter supply should be taken out before the ground is frozen and stored away in sand for the winter. Allow some to remain in the garden throughout the winter and lift in the spring before any growth has started and you will find the flavor improved.



LONG STANDING

A variety very compact in growth, bearing thick, dark green leaves. Slow to throw off the seed stalk. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.75, postpaid.



PRINCESS JULIANA

A selection made from King of Denmark. Equal in quality in every respect, but still a variety that is very late in throwing off the seed stalk. Spinach has both male and female plants, the male throws the seed first, therefore in selecting the strain the male plants were eliminated, resulting in a strain that is particularly adapted for shippers. We highly recommend this Spinach. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.75, postpaid.

MAMMOTH SANDWICH ISLAND

Uniform in growth, large and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.

PRICKLY-SEEDED

A very hardy variety, particularly adapted to late planting. Sow in August or first part of September for fall use. Can be planted in the fall, last part of October or first of November, and allowed to remain in the ground over winter, germinating in the spring and producing early. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c.

KING OF DENMARK OR ANTVORSKOV

Without exception this is one of the finest varieties grown. It is practically as early as any of the other varieties but is very slow going to seed, which makes it an exceptionally fine sort for the shipper and market gardener. The leaves are large, slightly crumpled, dark green in color. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.75, postpaid.

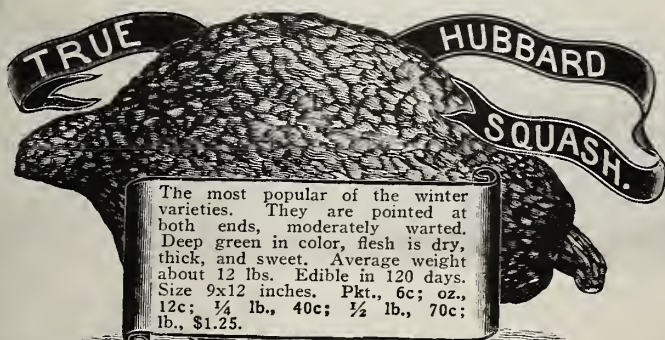
LONG WHITE

A pure white strain. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; lb., \$2.25.

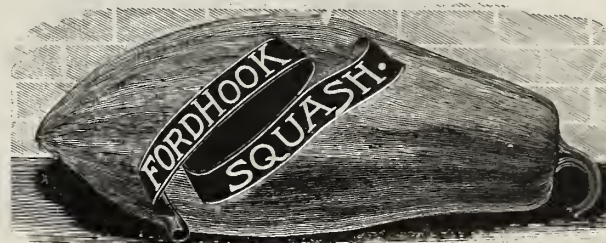
VICTORIA OR PERFECTION

This variety is rather slow to go to seed. It is of the Savoy type, broad, crumpled, dark green, leaves of superior quality. Pkt., 5c; oz., 8c; ¼ lb., 17c; ½ lb., 27c; lb., 45c; 5 lbs., \$2.00, postage paid.

Squash



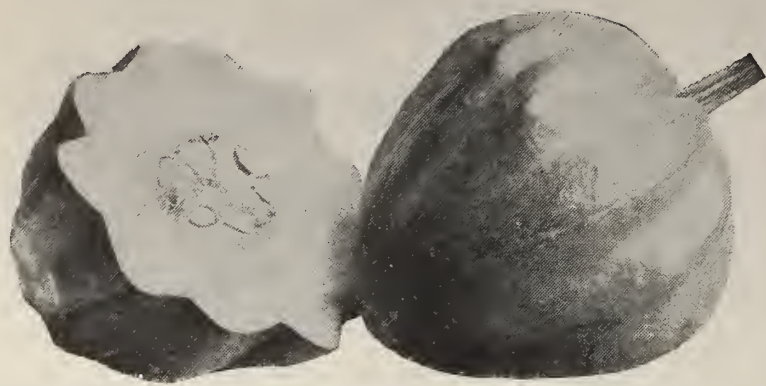
The most popular of the winter varieties. They are pointed at both ends, moderately warted. Deep green in color, flesh is dry, thick, and sweet. Average weight about 12 lbs. Edible in 120 days. Size 9x12 inches. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



FORDHOOK

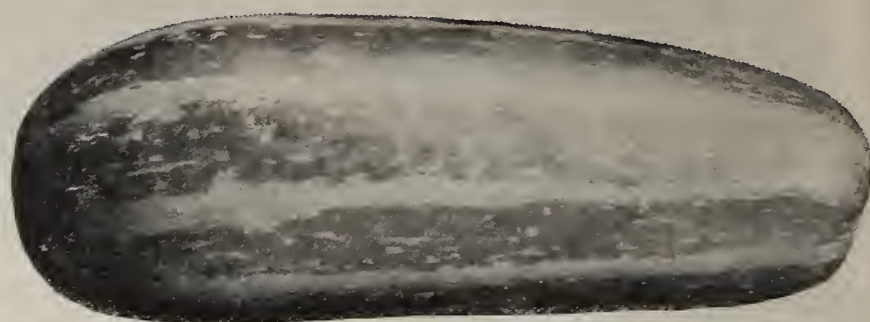
A bright yellow winter variety. The flesh is dry and sweet. Very rapid in growth. Prolific and excellent keeper. Practically in good condition all through the winter. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., \$1.00.

Squash



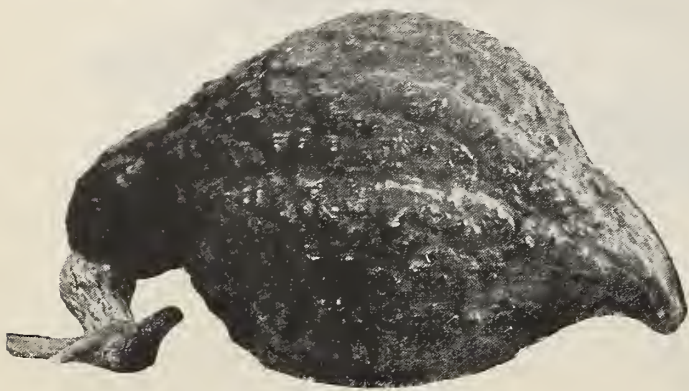
Des Moines or Table Queen

Without a doubt the finest flavored small squash for baking, known. It is the ideal size to cut in half and prepare for the table. Size 6 to 7 inches long and 4 to 5 inches in diameter, being produced very prolifically on a running vine. This variety is ready for use before the Hubbard, and can be stored away and kept equally as well. Flesh is bright golden in color, dry and mealy. Pkt., 10c; oz., 18c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.75.



COCOZELLE. Also called Italian Marrow

Long, cylindrical in shape, tapering slightly to the stem end. A summer variety used when immature. The skin is dark green, changing to stripes of green and gold as it ripens. Very productive. 12 to 16 inches long. 5 to 6 inches in diameter. Edible in 60 days. Weight, about 4 lbs. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



Chicago Warty Hubbard

Slightly larger than Improved Hubbard and thickly covered with warts. Color is bronze green, very attractive. Flesh thick and golden in color. An excellent winter squash. Will average about 2 lbs., heavier than the Improved Hubbard. Edible in 120 days. Size, 14x9. Weight, 15 lbs. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



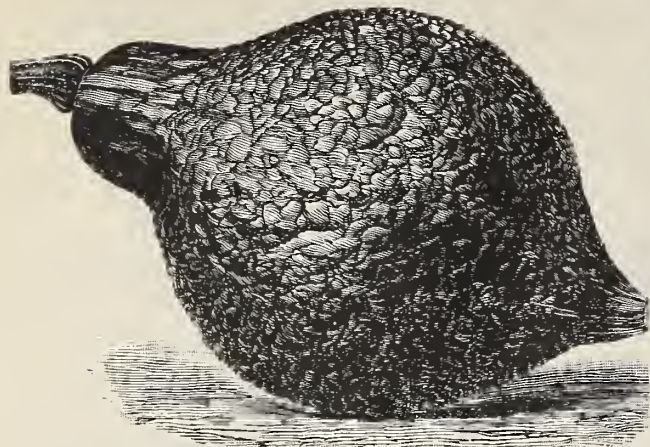
Blue Hubbard

A strain developed in the New England states, quality excellent. Very attractive in appearance on account of the color, which is blue. This Hubbard also is a good keeper. Edible in 120 days. Size 9x4 inches. Average weight 12 lbs. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



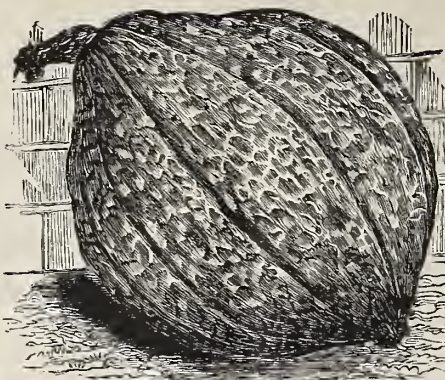
Perfect Gem

A small summer sort, fruit almost round. Very early and prolific. Lemon colored with ridges or scallops. Edible in 60 days. Size 6 by 7 inches. Weight 3 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



Golden Hubbard

A little smaller than the Improved Hubbard. Rind is a golden yellow and warty. This is the earliest of the Hubbard strain, and more prolific. This sort is a favorite with the canners and is an excellent winter squash. Fruits average about 8 lbs. Size 8x11 inches. Edible in 110 days. Pkt., 6c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.



Orange Marrow

The rind of this variety is orange red in color, similar in shape to the Hubbards. It is early, extremely prolific, flesh rich, sweet, and dry. Fruit weighs about 7 lbs., Edible in 100 days. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

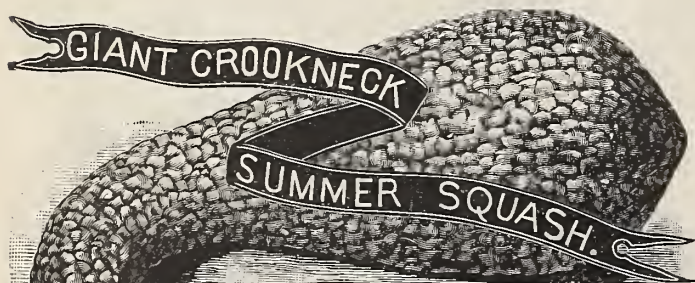


Mammoth White Bush Scallop

The fruits are of fair size, quite flat, with scalloped edges. Very prolific, disease resistant. The fruits are 8 inches in diameter and 3 inches thick. Edible in 55 days. Weight 2½ lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.

Golden Custard

This strain is similar in all respects to the Mammoth White Bush Scallop, except for its color. This sort, golden yellow. Very prolific. Edible in 55 days. Size 14x4. Average weight 5 lbs. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



Giant Summer Crookneck

A variety in general use. Its size, shape and color are admirable. A beautiful golden yellow, covered with fine warts. The vines are rather bushy, therefore will allow comparatively close planting. This variety generally grown by market gardeners. Edible in 55 days. Size 14x4. Weight, 4 lbs. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.10.



Introduced from Mexico by R. H. Shumway a great many years ago. A long type of winter squash. The rind is a slate gray in color, flesh very thick, golden, vying with the sweet potato in flavor. Length, 24 inches by 5 or 6 in diameter. Keeps well into the winter. Edible in 120 days. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.25.

Tomato



STONE

Bright red smooth main crop variety. Ripens evenly to the stem, no hard core. Excellent canning and market variety. Pkt., 6c; oz., 25c; ¼ lb., 70c; ½ lb., \$1.30; lb., \$2.40.

DWARF STONE

This is the largest of the Dwarf tomatoes. Fruit is red, ripens evenly, solid, free from cracks. Pkt., 8c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.70; lb., \$3.25.



JOHN BAER

A new variety, glossy red in color. Its size and shape about the same as Earliana; however, fruit is a little thicker from stem to blossom end. One of the earliest, most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Vines loaded with fruit. A profitable variety to grow. Pkt., 10c; oz., 40c; ¼ lb., 95c; ½ lb., \$1.80; lb., \$3.50.



CHALK'S EARLY JEWEL

Two weeks later than Earliana, but a heavier cropper, producing tomatoes of larger size and sweeter flavor. Fruits are very solid, deep, ripening well up to the stem without cracking. The flesh is solid, thick, comparatively few seeds. A recommended variety. Ready for market in 95 days. Pkt., 8c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.

MATCHLESS TOMATO

A solid, smooth, beautiful red variety. Prolifically produced on strong vines. Good keeper, fine for market and home use. Pkt., 6c; oz., 25c; ¼ lb., 70c; ½ lb., \$1.30.



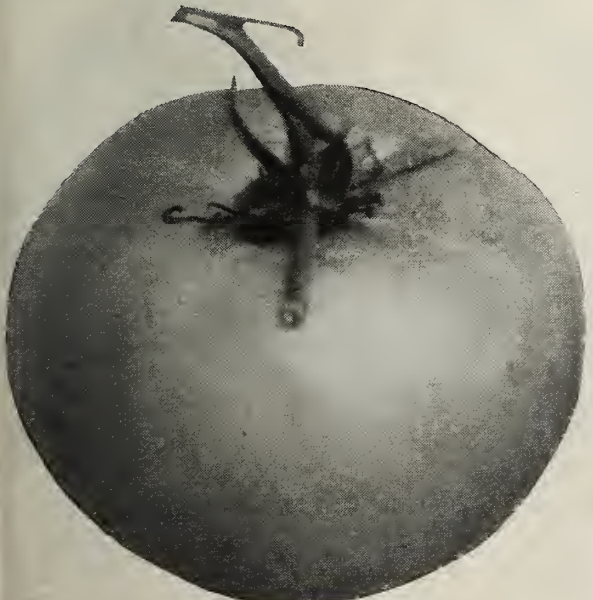
JUNE PINK

The best extra early pink variety. Resembles Earliana in every way except color. Fruits grow in clusters and begin to ripen early, bearing all through the season. Ready for market in 95 days. Pkt., 10c; oz., 40c; ¼ lb., \$1.35; ½ lb., \$2.50; lb., \$4.85.



PONDEROSA

This is the best of the large fruited varieties. Vines strong and when pruned to a single stalk fruit will weigh 1 lb. Tomatoes borne in clusters. Purplish red in color. Very solid flesh, few seeds. Pkt., 10c; oz., 40c; ¼ lb., \$1.40; ½ lb., \$2.75; lb., \$5.25.



NORTON WILT RESISTANT

This is a maincrop, scarlet fruited variety. It is similar to the Stone but selected for wilt resistance by the United States Dept. of Agriculture. The fruits are medium size, smooth and solid. It is a heavy bearing variety and yields an excellent crop. One of the best long distance shippers. If you are in a territory where tomatoes are affected by wilt this variety should be grown. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; ½ lb., \$2.30; lb., \$4.25.



SHUMWAY'S GARDEN KING

The tomato of quality. The fruits are very large and smooth, solid meat and very few seeds. Very productive, medium early, ripening in about 100 to 110 days. Very uniform in its ripening and remains in good condition on the vine for a long time. This tomato cannot be surpassed. Pkt., 10c; oz., 45c; ¼ lb., \$1.50; ½ lb., \$2.90; lb., \$5.50.



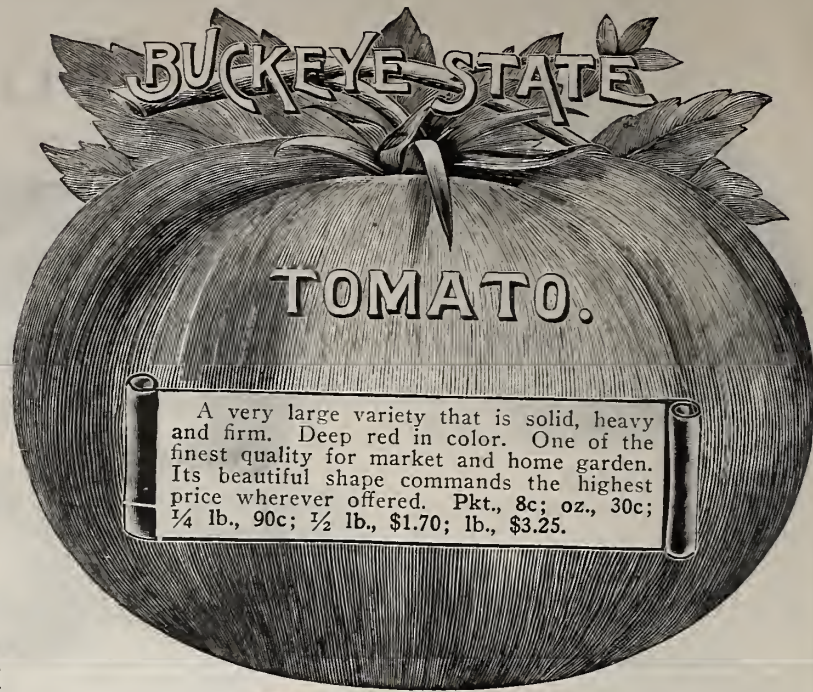
MARGLOBE

The newest wilt resistant variety. It is scarlet fruited maincrop and originated by the United States Dept. of Agriculture. The fruit of medium size, smooth, solid and deep. They set in clusters of 5 to 7 on the vines. This is a wonderful variety for the market gardener and shipper. Pkt., 15c; oz., 65c; ¼ lb., \$1.75; ½ lb., \$3.50; lb., \$6.00.



LIVINGSTON'S GLOBE

An excellent all round variety of distinct shape. This may be classed as a second early. The fruits are fairly large, smooth, and of firm flesh, few seeds. It is exceedingly productive and unequalled for a main crop variety. This is used extensively by the large tomato growers and truckers of the country. Ready for market in 100 days. Pkt., 10c; oz., 35c; 1/4 lb., \$1.35; 1/2 lb., \$2.50; lb., \$4.80.



A very large variety that is solid, heavy and firm. Deep red in color. One of the finest quality for market and home garden. Its beautiful shape commands the highest price wherever offered. Pkt., 8c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.70; lb., \$3.25.



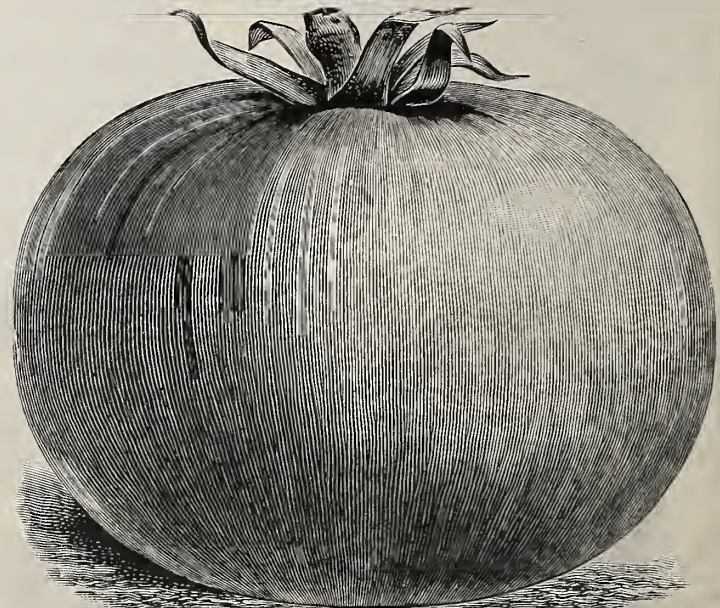
BONNY BEST

A large second early red tomato known for its solidity, smoothness and even ripening. The fruits run very uniform in size, a bright scarlet in color. An extra fine market variety ready for use in 100 days. Pkt., 10c; oz., 35c; 1/4 lb., 85c; 1/2 lb., \$1.60; lb., \$3.00.



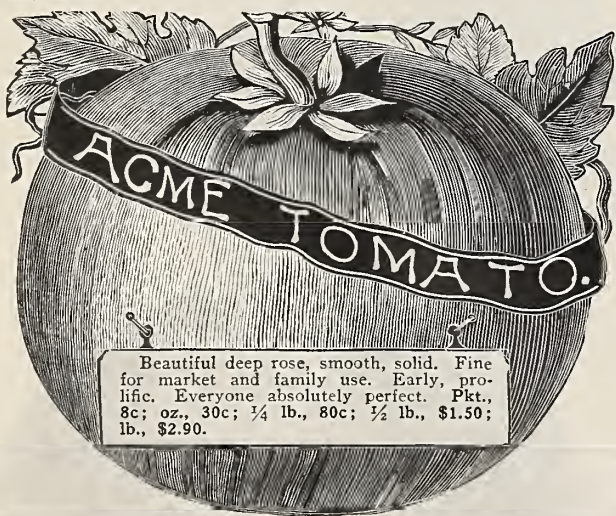
GOLDEN QUEEN

A variety bearing fruit of good size, smooth, solid, and meaty. Color is bright yellow, which makes it very attractive when served with the red fruited varieties. Without doubt the best yellow tomato grown. Pkt., 10c; oz., 40c; 1/4 lb., \$1.00; 1/2 lb., \$1.80; 1 lb., \$3.50.

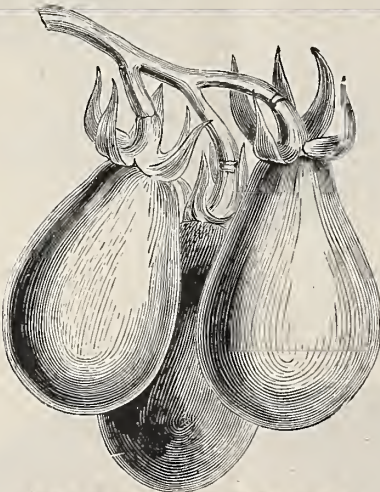


CRIMSON CUSHION

Another very large bright scarlet tomato. It is a shy seeder with flesh that is very solid and meaty, making it a very desirable table variety. Where size plus quality is desired this variety cannot be surpassed. Pkt., 8c; oz., 30c; 1/4 lb., 90c; 1/2 lb., \$1.70; lb., \$3.25.



Beautiful deep rose, smooth, solid. Fine for market and family use. Early, prolific. Everyone absolutely perfect. Pkt., 8c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.50; lb., \$2.90.



PEAR SHAPED TOMATO

This variety is wonderfully productive and very ornamental. Very nice when served in salads or as preserves. Yellow Pear: Pkt., 8c; oz., 25c. Red Pear: Pkt., 10c; oz., 35c.



NEW EARLY "FREEDOM"

EXTRA EARLY FREEDOM

Bright, dazzling scarlet in color, making a very attractive appearance on the bush as the fruit ripens very evenly. Bearing plentifully in large clusters. Very large for an early variety. Pkt., 8c; oz., 30c; 1/4 lb., 80c; 1/2 lb., \$1.50; lb., \$2.90.



A valuable berry which is contained in a husk and is excellent for preserves and pies. When dried in sugar they make an excellent sweet fruit to put in cakes equal to figs, citron, raisins, etc. It is sometimes called Strawberry Tomato, Winter Cherry, Ground Cherry.

They grow about a foot high and are covered with husks containing the little fruit.
Golden Husk. Pkt., 7c; oz., 25c.
Purple Husk. Pkt., 7c; oz., 25c.

PEACH

Largely used in fancy salads and for preserving. It is very distinct, beautiful in appearance, uniform in size, deep rose in color. Pkt., 10c; oz., 35c; 1/4 lb., \$1.25.



LANG'S HAND WEEDER
HANDIEST TOOL ON EARTH. 25¢ BY MAIL PREPAID



GARDEN TROWEL, 20c.
Handy tool in garden or green house.



FAVORITE

An early smooth, firm tomato, deep red in color. This variety ships well, is splendid for canning, market and family use. Its beautiful dark red color makes it one that is readily sought out in the markets, therefore making it a profitable variety. Pkt., 8c; oz., 30c; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.

PERFECTION

An ideal tomato. It is smooth, large, solid and of excellent quality. Its beautiful dark red color makes it very attractive on the market. It ripens well up to the stem without cracking. Skin is tough. Ready in 110 days from time of planting. Pkt., 8c; oz., 30; ¼ lb., 80c; ½ lb., \$1.50; lb., \$2.90.



SPARK'S EARLIANA

A very popular extra early red variety, producing fruits of good size, smooth and solid. The bush is compact in growth with stout branches. Fruit ready for market in 90 days. Pkt., 8c; oz., 30c; ¼ lb., 75c; ½ lb., \$1.40; lb., \$2.75.



Destroys bugs, beetles, green or black flies, caterpillars, lice, worms, etc. Prepaid, lb., 30c; 5 lb. bag, \$1.00; 10 lbs., \$1.90. Not prepaid, 5 lbs., 60c; 10 lbs., \$1.10; 25 lbs., \$2.35. 1 lb. cartons have sifter top.



Large Size, No. 1, Plant Sprinkler, \$1.50
Very nice for spraying plants, as well as watering seedlings.

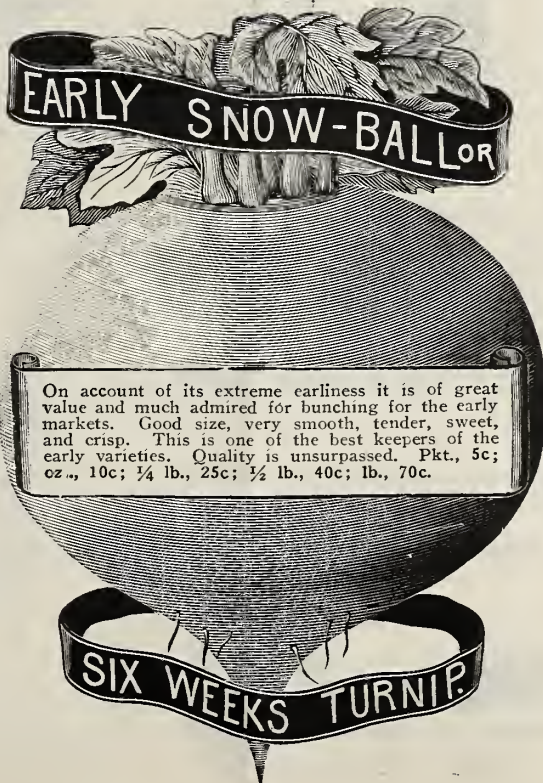


DWARF CHAMPION OR BUSH TOMATO

In this variety you have a compact, upright, early, smooth, sort. The fruits are of medium size, smooth, symmetrical, purplish pink in color, with flesh very solid. The vine is strong and stiff, therefore requiring very little support. Pkt., 10c; oz., 40c; ¼ lb., \$1.10; ½ lb., \$2.10; lb., \$4.00.

HERBS	oz.	pkt.
Sweet Marjoram	20	5
Summer Savory	20	5
Sweet Fennel	10	5
Sweet Basil	15	5
Wormwood	25	5
Horehound	25	5
Rosemary	10	5
Coriander	10	5
Lavender	25	5
Angelica	20	5
Caraway	10	5
Thyme	30	5
Saffron	25	5
Borage	15	5
Catnip	30	5
Tansy	30	5
Anise	15	5
Balm	30	5
Sage	50	10
Dill	10	5
Rue		5

Turnips



On account of its extreme earliness it is of great value and much admired for bunching for the early markets. Good size, very smooth, tender, sweet, and crisp. This is one of the best keepers of the early varieties. Quality is unsurpassed. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.



A beautiful clear white early sweet turnip. Very desirable for early summer use. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.



A very productive large extra early variety. Good variety for bunching. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

Turnip



White Egg. Good size, used for early or late sowing. Thin skin, fine grained and sweet, solid beautiful shaped. An excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.



Purple Top White Globe

This splendid variety is the finest keeper of the fall turnips. Attractive shape and color makes it very pleasing in appearance but the quality of flesh makes it one of the most desirable of all varieties. A great yielder producing great tonnage on a small tract. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

Golden Globe

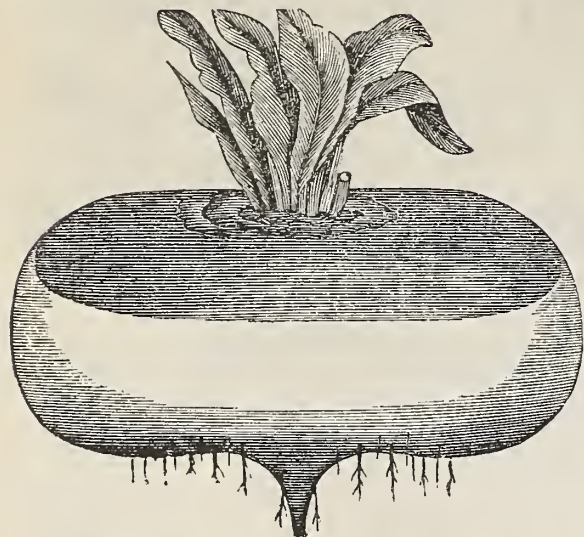
An excellent keeper, large splendid table as well as stock variety. Another big yielder. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

Yellow Aberdeen

A large purple top golden yellow variety. Globe shaped, very productive and a good keeper. Excellent for table use or stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

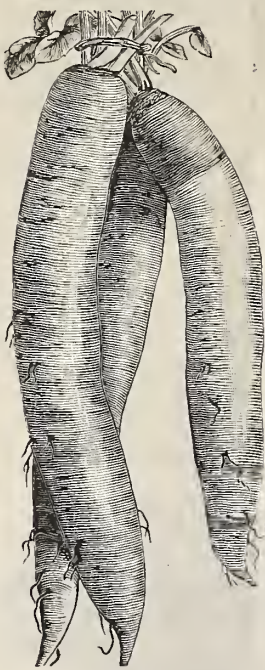


Extra Early Milan. This is the earliest variety of turnip. The skin is smooth, pure white polished appearance. Flesh is very fine grained and of excellent quality. Medium size, with few tops, making it a very desirable variety for the gardener. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c.



Large White Flat Field. A large turnip that will supply an abundance of food for stock. Every farmer should raise a good supply of root crops for winter feeding. Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c.

Large White Norfolk. One of the best varieties for field culture. It always makes a big return for the area given it. Two to three lbs., sown to the acre broadcast will produce about all the root storage one would desire for the winter. Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c.



Long White Cowhorn

A stock variety that grows practically half out of the ground. Grows very rapidly and the flesh is fine grained of good quality. This sort is a good renovator for the soil as it roots deeply. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; lb., 50c.



An excellent general crop variety. Good for table and feeding stock. Good keepers if not allowed to become too large. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.



Purple Top Strap Leaf

The well known standard table variety. Broad shape, medium size, fine grained white flesh. A good keeper. Pkt., 5c; oz., 10c; ¼ lb., 22c; ½ lb., 35c; lb., 60c.



Seven Top. This is not a bulbous variety but it grows a mass of luxuriant tops which are excellent to use for greens or feeding stock; not damaged by frost. Pkt., 5c; oz., 8c; ¼ lb., 18c; ½ lb., 30c; lb., 50c.



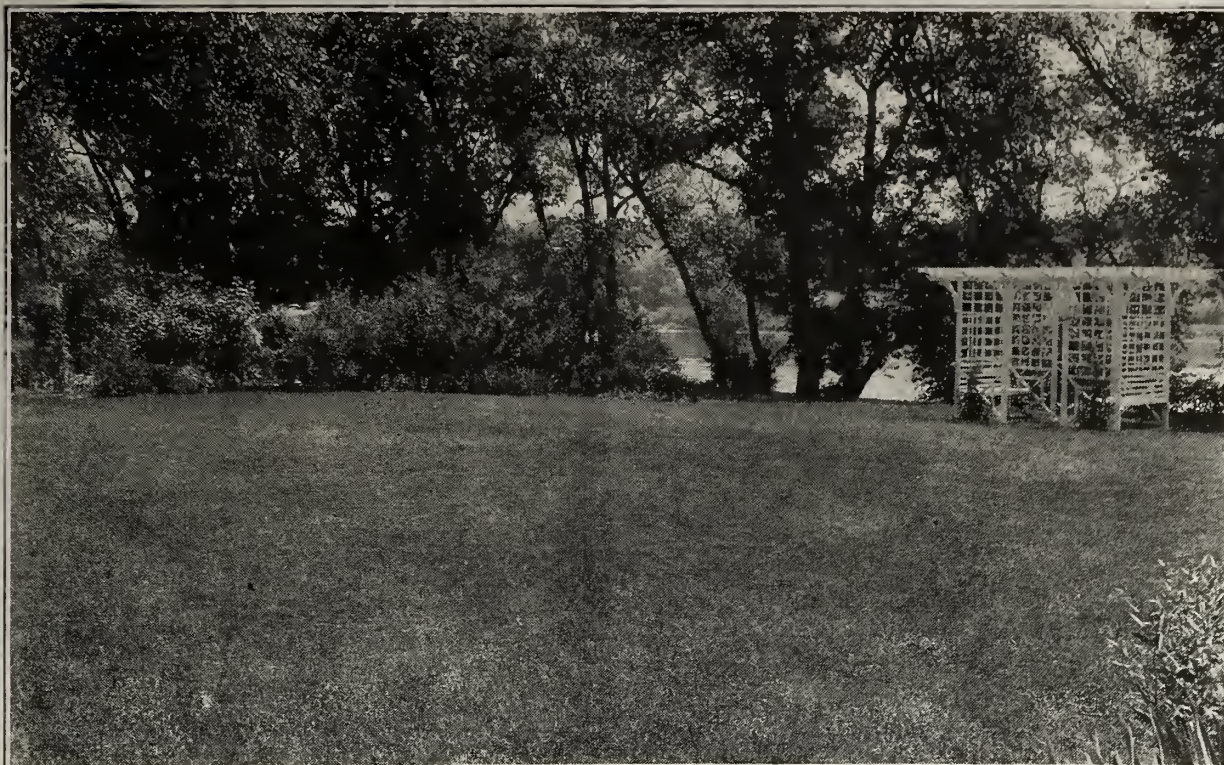
Hazeltine's Hand-Weeder.
A good, large, useful hand-tool, and is considered a desirable implement. Sure to please. By mail, only 25c.

Five pound lots of any variety, 5c per pound less than list.

Shumway's Refined Lawn Grass Seed

SEEDING OF LAWNS

In preparing ground for a new lawn, if the soil is naturally rich all that is necessary is that it be well spaded, making it as fine and mellow as possible. If it consists of earth from the excavation for the house, or is hard and lumpy, it should first receive a good dressing of manure, which should be spaded in and mixed with the soil, making it fine and smooth. Before sowing the seed, the surface of the soil should be freshly raked, then sow the seed as evenly as possible and rake it in, following with a roller.



QUANTITY OF SEED

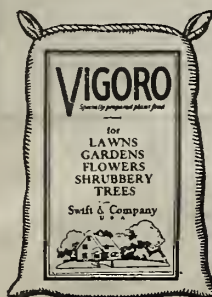
The following quantities of the mixture we offer are the usual amounts sown for a new lawn: 1 lb. for 350 sq. ft.; 5 lbs. for 1750 sq. ft.; 10 lbs. for 3500 sq. ft.; 25 lbs. for one-fourth acre. If intended for renewing an old lawn use one-half the quantity.

QUALITY OF SEED

This is by far the best mixture of grasses for a permanent lawn, made up of the choicest and hardiest varieties that will winter well under varying climatic conditions.

This seed has been recleaned twice by modern machinery so as to eliminate foreign seeds and chaff. Only finest grades of solid seed are used.

Price per lb., postage paid, 45c; 3 lbs., \$1.30; 5 lbs., \$2.15; by express, charges collect, 5 lbs., \$1.90; 10 lbs., \$3.70; 25 lbs., \$8.50; 100 lbs., \$32.00.



VIGORO

Specially prepared plant food

VIGORO produces thick velvety lawns of a deep green color; flowers of rare beauty and luxuriant foliage; vegetables that are succulent, crisp and delicious in flavor; leafy shrubs and trees.

VIGORO is a scientific plant food giving the plant the necessary elements for maximum growth, beauty and production. It has no unpleasant odor and is easy to apply. It is packed in heavy cotton, paper lined bags. The rate of application is from two to four pounds per 100 square feet. Complete instructions accompany each bag. By mail, 5 lbs., 85c.

Prices F. O. B. Rockford: 5 lbs., 50c; 25-lb. bag, \$1.75; 50-lb. bag, \$3.00; 100-lb. bag, \$5.00.

WHITE DUTCH CLOVER

The clover in general use for lawns. Being of a creeping habit it prevents the soil from being washed away by rains. Also used in permanent pastures. Price per lb., postage paid, 60c; by freight or express, charges collect, 1 lb., 55c; 5 lbs., \$2.60; 10 lbs., \$5.00; 25 lbs., \$12.25.

LAWN GRASS FOR SHADY PLACES

FOREST CITY MIXTURE. This mixture of grasses adapted to growth in the shade is carefully and particularly compounded to make a beautiful lawn under trees. It is impractical to think that a good lawn can be made in shady places by using any regular lawn grass. It may start out well in the spring before the foliage becomes dense; however, it will die out very rapidly after the full growth of foliage is on.

Use this mixture for shade in the same proportion that you use the regular lawn grass and before the season is over you will be well repaid for the extra effort and time it has taken to give this special attention.

Prices: Parcel post charges paid, 1 lb., 75c; 2 lbs., \$1.40; 3 lbs., \$2.00; by express, charges collect, 1 lb., 65c; 3 lbs., \$1.85; 5 lbs., \$3.00; 10 lbs., \$5.85.

Rutabaga

WHITE SWEET RUSSIAN

An admirable variety for table use and feeding stock. An immense crop can be grown at a very little expense. A very profitable crop for the farmer. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

IMPERIAL HARDY

Large rich yellow productive variety. Equal to others and very hardy. A moderate freezing seems to sweeten them. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

LAING'S IMPROVED

This is a round shape, early English variety. An excellent table as well as stock sort. The flesh is yellow with a purple skin. A very good keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

SKIRVING'S PURPLE TOP

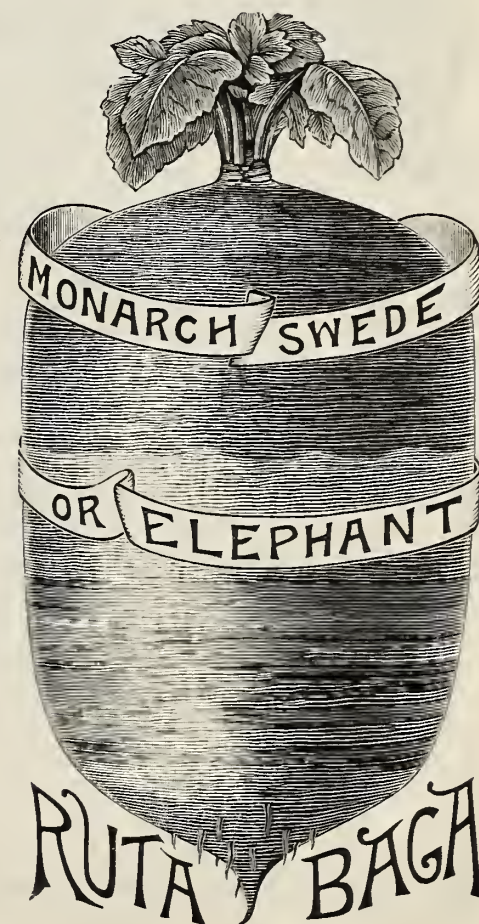
A well known hardy yellow variety. Good for table or feeding stock. One of the very largest varieties and a profitable cropper and easily grown. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.

MONARCH SWEDE OR ELEPHANT

This is one of the finest of the Rutabagas. It grows considerably out of the ground, with a small neck and few leaves. The flesh is a rich yellow, solid. An excellent keeper, cannot be surpassed for table or stock use. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 70c.



SKIRVING'S PURPLE TOP



Clovers



We carry seed of clover and grasses produced in the United States, and only the finest grades. No seed allowed in our warehouses that has not been re-cleaned to eliminate foreign matter. Please consider these points in comparing prices. No charge for grain bags. All quotations F.O.B. Rockford.

MEDIUM RED

This variety considered one of most value in the Clover family, often called June Clover. It makes two crops each year, the first is cut for hay and the last may be harvested for seed, cut for hay, or plowed under as a green manure. Seed can be sown at the rate of 10 to 15 lbs. to the acre spring or fall. Sold on a basis of 60 lbs. to the bushel. $\frac{1}{8}$ bu., \$3.00; $\frac{1}{4}$ bu., \$5.85; $\frac{1}{2}$ bu., \$11.50; bu., \$22.00.

ALSIKE

The hardiest variety known. Especially adapted to the Northern states. It is a perennial and does not easily winter kill. Suitable for hay or pasture, thriving exceptionally well on moist soil. Sown with Timothy or Medium Red Clover produces an excellent quality of hay. 8 to 10 lbs., is the usual quantity used on an acre. $\frac{1}{8}$ bu., \$2.75; $\frac{1}{4}$ bu., \$5.35; $\frac{1}{2}$ bu., \$10.50; bu., \$20.00. 60 lbs. to the bushel.



TIMOTHY

It is the best known and mostly used grass in this country for hay, having few leaves and many stems, making it very desirable for shipping. Timothy does best on moist clay soil. It should be cut for hay while it is in bloom or shortly afterward. It yields $\frac{1}{2}$ to 3 tons per acre. Sow 10 to 15 lbs. to the acre. When sown with Alsike or Medium Red Clover, it makes the most desirable hay. Use about one-third clover and two-thirds Timothy. Better than 99½% pure. $\frac{1}{8}$ bu., 50c; $\frac{1}{4}$ bu., 90c; $\frac{1}{2}$ bu., \$1.65; bu., \$3.15; 45 lbs. to the bushel.

TIMOTHY AND ALSIKE MIXTURE

Containing 20-25% of Alsike. The best pasture and hay mixture. This is one of cheapest seedings. On low moist land this will give satisfaction. Fine for high ground either for pasturing or hay crop. Sow 10 to 15 lbs., to the acre. Price per 10 lbs., \$1.35; 25 lbs., \$3.00; 50 lbs., \$5.75; 100 lbs., \$11.00.

KENTUCKY BLUE GRASS OR JUNE GRASS

Makes the best pasture for all stock. It starts first thing in the spring, is very hardy, going through the winters the best of all grasses. Blue Grass makes exceptionally fine lawns. The standard weight is 14 lbs. to the struck bushel. The grade we have to offer weighs 21 lbs., being thoroughly re-cleaned. Price per 5 lbs., \$1.40; 10 lbs., \$2.70; 25 lbs., \$6.50; 50 lbs., \$12.75; 100 lbs., \$25.00. By mail postpaid, 1 lb., 40c; 3 lbs., \$1.15; 5 lbs., \$1.85.

Alfalfa

This wonderful clover is now grown in practically every state of the Union, producing 3 to 7 tons of hay to the acre. Three cuttings a year is customary from the North Central to the northern states.

The soil must be sweet to secure a good stand, if an acid or sour soil exists use pulverized limestone which is spread on the land at the rate of 1 to 3 tons per acre, dependent entirely upon the degree of acidity. This to be done prior to plowing or discing. Early spring sowing in the North is advisable so the young plants will have sufficient strength to withstand a drought.

The quantity sown per acre is entirely dependent on moisture conditions. Where the farmer is dependent on rainfall 15 to 20 lbs. is sown per acre. In irrigated sections 5 to 10 lbs. It is well to sow heavily, so as to procure a growth sufficient to keep the weeds down. Alfalfa is a nitrogenous plant, therefore very valuable to all farmers in keeping up the soil.

NORTHWESTERN GROWN

This grade is grown in the extreme northwestern part of the country where the winters are severe, making a very hardy strain which will readily stand conditions in any other part of the country. 99.35% pure or better. $\frac{1}{8}$ bu., \$2.10; $\frac{1}{4}$ bu., \$4.00; $\frac{1}{2}$ bu., \$7.75; bu., \$15.00.

MONTANA DRYLAND

The stock of this Alfalfa is sealed by Montana authorities. We offer this stock in bushel bags only, at \$18.00 per bushel.

GRIMM

This strain of Alfalfa, after comparative tests made throughout the country, has proved itself to be the hardiest and most productive of all the Alfalfas. Offered in bushel bags only, sealed by Montana authorities, at \$24.75 per bushel.

CERTIFIED BLACKFOOT GRIMM

This stock is grown and sealed by the Blackfoot Alfalfa Growers Association. Offered in 1 bushel sealed bags only, at \$24.90 per bushel.

Grasses

RED TOP OR HERD GRASS (Solid Seed)

A grass with interlacing roots which makes a fine sod. One of the best grasses for pasture mixed with Kentucky Blue Grass. It makes a good hay crop if allowed to grow to full height. Cut when in bloom, easily cured. Sow 10 lbs. to the acre. Price per 5 lbs., \$1.05; 10 lbs., \$1.95; 25 lbs., \$4.75; 50 lbs., \$9.35; 100 lbs., \$18.00. By mail postpaid, 1 lb., 45c.

ORCHARD GRASS

Good for pasture or hay. Will readily restate itself after being closely cropped. Does well in shady places such as orchards and in woodlands. Sow 20 to 25 lbs. per acre. Price per 10 lbs., \$2.20; 25 lbs., \$5.25; 50 lbs., \$10.25; 100 lbs., \$20.00. By mail, postpaid, 35c per lb.

PERENNIAL RYE GRASS

A grass with an abundance of foliage, fine for pasture or hay. Does well on any soil. 5 lbs., 90c; 10 lbs., \$1.70; 25 lbs., \$4.00; 50 lbs., \$7.75; 100 lbs., \$15.00. By mail postpaid, 1 lb., 30c.

PERMANENT PASTURE MIXTURE

Properly mixed grasses and clovers for pasture. Sow 20 to 25 lbs. to the acre. 10 lbs., \$3.00; 25 lbs., \$7.25; 50 lbs., \$14.25; 100 lbs., \$28.00.

SUDAN GRASS (Northern Grown)

This grass has more real worth than any other grass known, as far as feeding value is concerned. It is erect in growth, often growing eight feet high. This grass is equal to millet in feeding value, much heavier yielder and not so hard on the soil. Two cuttings is the usual thing in the north and three in the south. Very fine for a catch crop if only one cutting is desired. Sown in rows 14 to 18 inches apart, 10 to 15 lbs. per acre, if broadcast 20 lbs. to acre. Beware of Johnson grass which is often found in this seed, if stock comes from the south. 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.75; 50 lbs., \$3.25; 100 lbs., \$6.00. By mail postpaid, 1 lb., 25c.

Sweet Clover

WHITE BLOSSOM

This is an erect branching biennial clover. The first year it grows $1\frac{1}{2}$ to 3 feet high, developing a large root. The second year it blossoms and goes to seed, therefore can be readily killed by cutting prior to going to seed. Sweet Clover is a legume having the same bacteria on its roots as Alfalfa. Sweet Clover requires a firm soil. Sow 15 to 20 lbs. to the acre, which will produce an excellent stand of hay.

We have hulled seed, scarified, which is sold on a basis of 60 lbs. to the bushel. $\frac{1}{8}$ bu., \$1.10; $\frac{1}{4}$ bu., \$2.10; $\frac{1}{2}$ bu., \$4.00; bu., \$7.75; 2 bu., \$15.00; 5 bu., \$36.25.

Soja or Soy Beans

Soy Beans should be used annually on every farm. They are well adapted to the Central and Southern states, serving as a soil builder as well as an excellent forage crop for all stock. They contain as much protein as linseed meal and nearly as much as cotton seed meal.

Checked in with corn they supply an excellent pasture for hogging down or to turn under as a green manure after corn is taken off.

Sown alone they act as a soil builder and supply a fine forage crop.

Seed should be inoculated with Nitragin before planting. Seed after ground is warm at the rate of two to three pecks to the acre drilled in or bushel to bushel and a half broadcast. If checked in with corn use soy bean attachment on corn planter and seed at rate of one bushel to ten acres.

Ito San. Matures in 110 days, for grain and forage.

Manchu. 120 days, for grain and forage.

Black Eye-Brow. 110 days, for grain and forage.

Hollybrook. 120 days, for green manure and hay.

Medium Yellow. 120 days, for soiling purposes and hay.

Prices on all varieties: $\frac{1}{8}$ bu., 50c; $\frac{1}{4}$ bu., 90c; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25.

Cow Peas

Sow one to 2 bushels to the acre. Yields nutritious crop of four to six tons of green fodder per acre. Enriches the soil as it grows deep and brings up potash, and absorbs nitrogen from the air. Sow at any time up to July in the middle and northern states. The feeding of Cow Peas is recognized as being of a greater value for every kind of stock than any food yet discovered. They are by far the most fattening just at the time the pods are getting to their full size. They are relished by hogs as well as by all other stock. Whippoorwill. $\frac{1}{8}$ bu., 80c; $\frac{1}{4}$ bu., \$1.50; $\frac{1}{2}$ bu., \$2.85; bu., \$5.50. New Era. $\frac{1}{8}$ bu., 80c; $\frac{1}{4}$ bu., \$1.50; $\frac{1}{2}$ bu., \$2.85; bu., \$5.50.



Kaffir Corn. A valuable non-saccharine Sorghum, which produces wonderfully of fodder. By mail postpaid, lb., 25c. Not prepaid, $\frac{1}{8}$ bu., 45c; $\frac{1}{4}$ bu., 80c; $\frac{1}{2}$ bu., \$1.40. Milo Maize. Excellent forage plant. The grain is good to feed chickens and stock. By mail prepaid, lb., 25c. Not prepaid, $\frac{1}{8}$ bu., 45c; $\frac{1}{4}$ bu., 80c; $\frac{1}{2}$ bu., \$1.45; bu., \$2.75.

Inoculate

Alfalfa, Sweet Clover, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans — All Legumes with

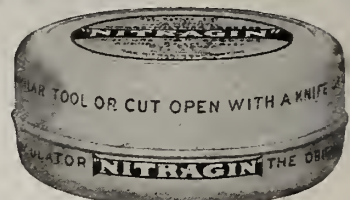
The Improved Soil Inoculator, Noble-Hiltner Process

NITRAGIN

Restores and Maintains Soil Fertility

The Original Soil Inoculator

Raise legumes—grow alfalfa, clovers, soys, vetch, peas and beans—they are valuable feed crops—but be sure to inoculate them. All Agricultural Colleges advise this. Inoculated legumes draw their nitrogen from the air—not from the soil. They are soil builders, not soil robbers. Inoculation will produce more vigor and vitality, increasing the yield, quality, and add fertility to the soil.



Sold in tins packed in a rich, soil-like granular medium, easy to mix with seed. Contents always fresh and bacteria active and vigorous.

The Original Soil Inoculator—Registered in the U. S. Dec. 6, 1898—over 28 years ago.

Alfalfa, Clovers, Peas, Beans, Soys, Cowpeas

$\frac{1}{4}$ bushel, size.....\$.40 Prices Reduced on Soy

$\frac{1}{2}$ bushel, size......60 Beans, Cowpeas

1 bushel, size..... 1.00 $\frac{1}{2}$ bushel, size.....\$.40

5 bushel, size..... 4.75 1 bushel, size..... .70

Always state kind of seed. 5 bushel, size..... 2.50

Nitragin for Garden Uses

Every garden needs Nitragin; garden size is for Peas, Sweet Peas, and Beans including Lima (3 in one Inoculant). Price.....20 cents

IMPORTANT

PROTECT YOURSELF: Don't buy legume cultures without a date on labels. Date, same year seed is sown. They may be several seasons old and worthless. Agricultural Colleges recommend this protection. Every NITRAGIN label is dated.

Notice

There is a great difference in prices asked for cane seed. This is due to the quality and its adaptability for sugar purposes. If cane is to be used for syrup, the field should be looked over and all foreign plants pulled out before blossoms are set. Our cane seed is as good as we can buy, but nevertheless, we cannot assume any responsibility for the condition of the crop.

EARLY AMBER SUGAR CANE

Is not always pure if planted too near Broom or Kaffir Corn. It grains readily for sugar. Valuable to cut up green for stock. By mail postpaid, $\frac{1}{2}$ lb., 12c; lb., 20c. Express charges collect, $\frac{1}{8}$ bu., 40c; $\frac{1}{4}$ bu., 75c; $\frac{1}{2}$ bu., \$1.35; bu., \$2.50.

KANSAS ORANGE SUGAR CANE

Not as early as Amber, but it produces more syrup of light color. By mail postpaid, $\frac{1}{2}$ lb., 12c; 1 lb., 20c. Express charges collect, $\frac{1}{8}$ bu., 40c; $\frac{1}{4}$ bu., 70c; $\frac{1}{2}$ bu., \$1.35; bu., \$2.50.

MIXED SORGHUM OR SUGAR CANE

Used for fodder only. Sow broadcast for forage, 50 to 75 lbs. to the acre. $\frac{1}{8}$ bu., 35c; $\frac{1}{4}$ bu., 60c; $\frac{1}{2}$ bu., \$1.10; bu., \$2.10.

JAPANESE BUCKWHEAT

The largest standard variety. Fine for milling. By mail postpaid, lb., 25c. Express charges collect, $\frac{1}{4}$ bu., 70c; $\frac{1}{2}$ bu., \$1.20; bu., \$2.25.

Peanuts—VIRGINIA

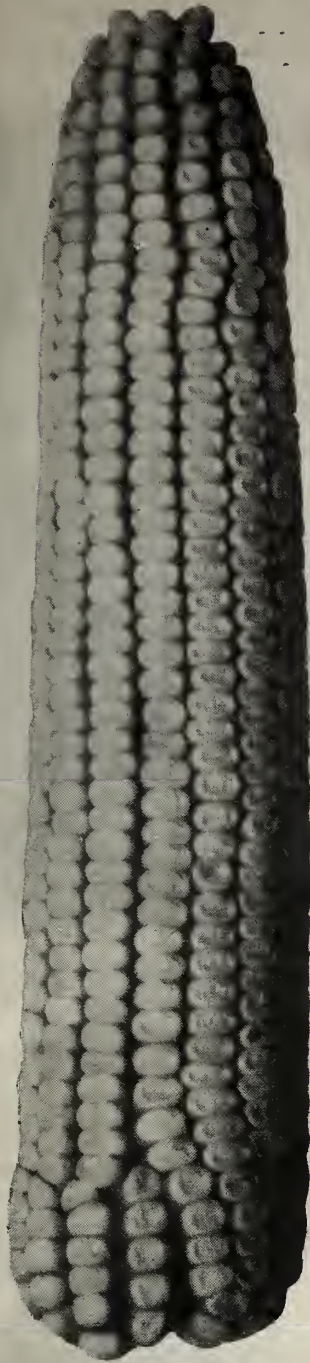
A large medium early variety. This variety is used for roasting more than others, also good for stock. Vines make good roughage. By mail, postpaid, lb., 30c. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.35; 25 lbs., \$3.00; 50 lbs., \$5.75; 100 lbs., \$11.00.

SPANISH

An early variety, pods small, but solid and well filled, nuts are very sweet. This is the best variety to grow for fattening hogs. By mail postpaid, lb., 25c. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.35; 25 lbs., \$3.00; 50 lbs., \$5.75; 100 lbs., \$11.00.



Field Corn



PRIDE OF THE NORTH
This variety matures in 85 to 90 days, especially adapted for the Northern planter maturing farther north than any dent variety. This has a medium size bright red cob, kernels are deep with dark golden-yellow color. Many stalks produce two good ears. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

EARLY MURDOCK
Also known as Wisconsin No. 12 and Golden Glow. Particularly adapted for the Northern part of the corn belt as well as the Southern parts of Wisconsin and Minnesota. A good sized uniform type running 16 to 20 rows; deep kernels, golden-yellow in color. Matures in 90 to 95 days. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

IOWA SILVER MINE
The standard white variety. Remarkable drought resister and seems to stand adverse conditions and makes a crop where other varieties fail. Deep grained small white cob. Ears from 10 to 12 inches long, 16 to 20 rows of pure white kernels. This is a safe variety to use anywhere in the corn belt as well as farther South. Matures in 100 to 110 days. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

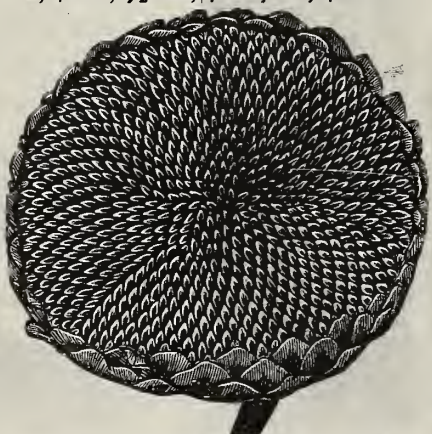
IOWA GOLD MINE
This is known as a medium early variety. An excellent producer and sure cropper. Bright golden-yellow in color, grain deep and cob small. Ears are medium and symmetrical. Another leafy variety which makes excellent silage or fodder. This corn will grow in nearly every state in the Union which cannot be said of other varieties. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

LONGFELLOW EARLY YELLOW FLINT
Its ears are extremely long, smooth and glossy, and a great improvement on the old yellow Yankee corn, but not quite so early. Excellent for cutting up while green for stock, and an excellent, rich, milling sort. $\frac{1}{8}$ bu., 65c; $\frac{1}{4}$ bu., \$1.15; $\frac{1}{2}$ bu., \$2.20; bu., \$4.25.

EXTRA EARLY KING PHILLIP RED FLINT
Rapid grower and ripens early. Particularly recommended for early feeding and bears a plentiful supply of leaves and often two or three ears to each stalk, making it a valuable fodder for stock. $\frac{1}{8}$ bu., 65c; $\frac{1}{4}$ bu., \$1.15; $\frac{1}{2}$ bu., \$2.20; bu., \$4.25.

EXTRA EARLY YELLOW YANKEE FLINT
Planted largely by stockmen for early feeding to stock. Long eared, with smooth, yellow, hard grain. Makes nice roasting ears while in green state. Fine milling sort. $\frac{1}{8}$ bu., 65c; $\frac{1}{4}$ bu., \$1.15; $\frac{1}{2}$ bu., \$2.20; bu., \$4.25.

THOROUGHbred WHITE FLINT
Early; great long ears, pearl-white color, small stalks and broad leaves, producing a very great amount of fodder. Fine for milling. $\frac{1}{8}$ bu., 65c; $\frac{1}{4}$ bu., \$1.15; $\frac{1}{2}$ bu., \$2.20; bu., \$4.25.



MAMMOTH RUSSIAN SUNFLOWER
Farmers should plant liberally of this as it produces an abundance of seeds, which are more valuable for feeding poultry than any other food. Can be grown anywhere, in places where other crops have made only a partial stand. The stalks are good kindling, and if burned with heads and seeds, make hot fires. They grow enormously large. $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 15c; 1 lb., 25c; 5 lbs., \$1.10, postage paid. By express, charges collect, 5 lbs., 60c; 10 lbs., \$1.10; 15 lbs., \$1.55; 25 lbs., \$2.60.



WHITE KHERSON OATS

Recommended ahead of all other sorts by every one who has grown any of them here. It has a white and heavy plump grain, and is a great yielder. Does not rust and stools well. Always turns out a good crop. Bu., \$1.20; 2 bu., \$2.25; 5 bu., \$5.50; 10 bu., \$10.50.

HARDY GOLDEN PROLIFIC OATS
This is one of the best extra earliest sorts for the north. It is a good producer, and does not rust. It has firm straw and seldom lodges. Grows to good height in any soil. Has very heavy, nice grain and sufficiently hardy to stand northern climate. Bu., \$1.10; 2 bu., \$2.15; 5 bu., \$5.25; 10 bu., \$10.00.

NORTHERN WINNEBAGO OATS
A good, large prolific sort, strong grower and stands up remarkably well even under unfavorable conditions. A hardy variety and well adapted to any climate. A failure is unknown with this variety, and it is a standard sort throughout every northern state. Berry is plump and heavy. Bu., \$1.10; 2 bu., \$2.15; 5 bu., \$5.25; 10 bu., \$10.00.

PERFECTED WHITE SWEDISH OATS
This has proven to be one of our surest croppers and greatest yielders that has ever been grown in this country. The berry is white and very heavy. It is free from rust and does not lodge. Very hardy. Bu., \$1.30; 2 bu., \$2.50; 5 bu., \$6.00; 10 bu., \$11.75.

WHITE SILVER MINE OATS
Valuable sure cropping variety with strong straw and plump, heavy grain. Wonderfully productive and stands up well. It has proven to be a superior sort everywhere, and remarkably free from rust. Bu., \$1.25; 2 bu., \$2.40; 5 bu., \$5.45; 10 bu., \$10.65.

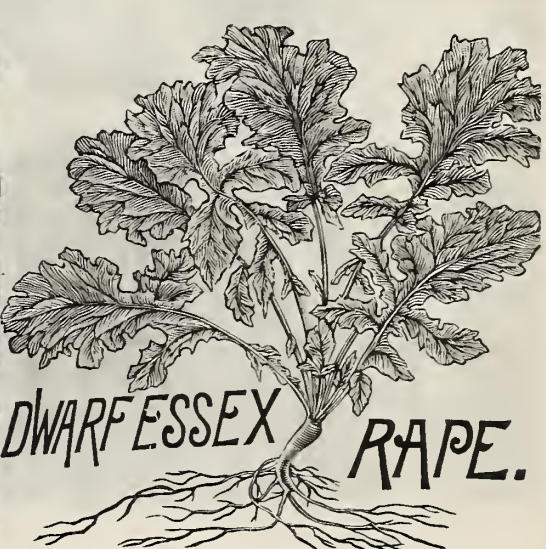


GERMAN OR GOLDEN MILLET

Large sort, good for old worn soil. Grows very large on rich or new land. Cut while early in bloom. $\frac{1}{2}$ bu., \$1.35; bu., \$2.50.



WHITE CANADA FIELD PEAS
These are highly prized by all farmers for sowing with oats for feeding stock. Fine to fatten hogs and all other animals. Sow one bushel or more to acre. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.



DWARF ESSEX RAPE.

A forage plant of great value, which can be sown at any time from March to August; at the rate of about 5 or 6 pounds per acre. Makes a grand pasturage for sheep, as well as for other stock. It can be cut up to feed stock or chickens if permitted to grow to its full size. Is not injured by frost, and will furnish feed until winter. Lb., 22c, postage paid. Express, charges collect, 10 lbs., \$1.10; 25 lbs., \$2.35; 50 lbs., \$4.50; 100 lbs., \$8.75.

In reference to the type of corn we ship. We do not ship corn on the ear. All varieties are grown in the Northern part of the corn belt. The seed is shelled, from selected ears, tipped, butted and then stock graded, and hand picked. Tested for germination. Return if not as represented and money will be refunded.

REID'S YELLOW DENT
The leading standard yellow variety originated by James L. Reid of this State, fixing a type that corn growers have failed to better. It is a dark yellow with deep kernels; butt and tips almost cover the ear. Grains slightly dented on top. The leaves and stalks make excellent ensilage and fodder. Matures in 110 days. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

WISCONSIN NO. 7
Also known as Silver King. This is the earliest white dent corn, having generally twelve rows of deep kernels, well filled medium sized ears 8 to 9 inches long. Adapted particularly to the Northern states. Matures in 90 days. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

IMPROVED LEAMING
A well known standard variety being recommended for all parts of the corn belt. The stalks are of good height, broad leafy blades, making excellent silage or fodder corn. Ears are well filled about 10 inches long, beautiful golden-yellow in color. $\frac{1}{8}$ bu., 60c; $\frac{1}{4}$ bu., \$1.10; $\frac{1}{2}$ bu., \$2.10; bu., \$4.00.

Shumway's Flower Seeds

Shumway's Asters We are offering several varieties of Asters in different colors. Any description given will be of the type of Aster rather than to treat them as a whole.



Queen of the Markets. This is a well known early flowering Aster of a branching type, growing about 18 inches high. An excellent cut flower strain.

Crimson—Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.10.
Flesh Pink—Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.10.

Lavender—Pkt., 10c; ¼ oz., 35c.

Rose—Pkt., 10c; ¼ oz., 35c.

Purple—Pkt., 10c; ¼ oz., 35c.

White—Pkt., 10c; ¼ oz., 35c.

Mixed—Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.10.



Early Beauty. While this is earlier than Late Beauty type, we do not wish to give the impression that it is an early Aster. This comes into bloom a little later than the Queen of the Market strain. This strain of Asters grows 2 to 3 feet high with long stout stems 15 to 20 inches in length, making them one of the most desirable for cut flowers.

Crimson—Pkt., 10c; ¼ oz., 60c.

Purple—Pkt., 10c; ¼ oz., 60c.

Rose—Pkt., 10c; ¼ oz., 60c.

White—Pkt., 10c; ¼ oz., 60c.

Mixed—Pkt., 10c; ¼ oz., 60c; ½ oz., \$1.10; oz., \$2.00.

American Branching Asters, Mixed. This strain is only carried in mixture. Plants grow 2½ to 3 feet high, branching and vigorous. Flowers are large, double, and fine form. We carry only selected stocks and consider this an exceptional strain. Pkt., 7c; ½ oz., 50c; oz., 85c.



California Giants. The very newest thing in Asters. The most gorgeous of all. This type was developed by crossing the Crego strain with the Beauty type, resulting in a plant of vigorous growth and the Ostrich Feather type of blossom. The flowers measure 5 to 6 inches in diameter on long, sturdy stems, which make them attractive when arranged in floral work. This strain stands up well when shipped long distances.

White—Most beautiful white aster. Pkt., 20c; ¼ oz., \$1.00.

Light Blue—Pkt., 15c; ¼ oz., 90c.

Rose—Pkt., 15c; ¼ oz., 90c.

Dark Purple—Pkt., 15c; ¼ oz., 90c.

Mixed—Pkt., 15c; ¼ oz., 90c; ½ oz., \$1.65; oz., \$3.25.



Double Carnation. A magnificent class of beautiful and popular favorites. Most all of them are deliciously sweet with fragrance. Their colors are extremely rich and beautiful. Perfectly hardy, and nice for many years. Cannot be excelled for the house. All varieties, mixed, pkt., 10c.

Marguerite Carnation. Blossoms first year, with all shades of beautiful colors. It blooms all summer and fall, and can be taken up for the house, to bloom all winter. All colors, 10c.



Arctotis (African Daisy). A beautiful blue annual from the Southwestern part of Africa, growing in bush form two to three feet high. The flowers are large and the color pure white on the upper part of the petals, the reverse side being a pale lilac blue. It is one of the most desirable flowers we have for cutting. Grown very easily from seed, germinating in about five days. Plants start blooming in July and continue until killed by frost. Plant in a sunny location. Pkt., 10c.

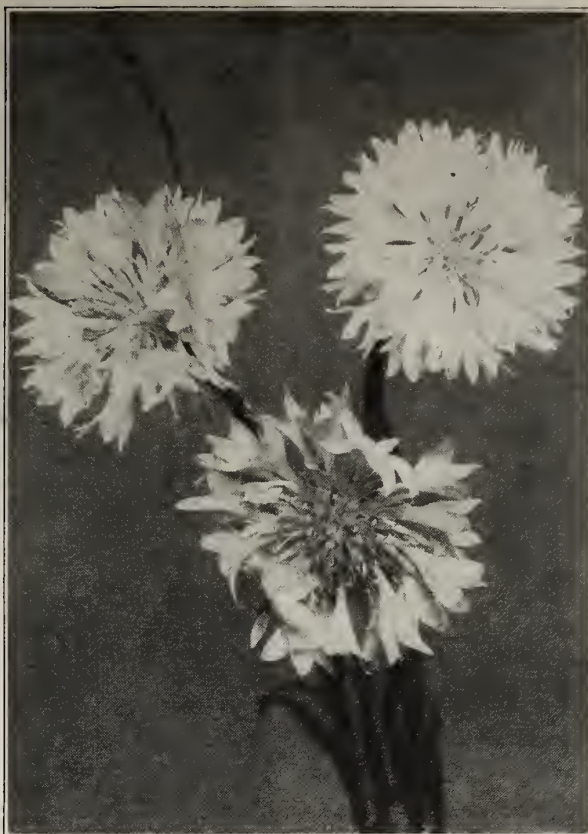


Canterbury Bell (Campanula Medium). One of the interesting hardy flowers classed as a biennial. Plants grow 18 to 24 inches high, bearing beautiful cup shaped flowers, in blue, white, and pink. Particularly beautiful when planted in the hardy borders. All colors mixed. Pkt., 10c.

Cup and Saucer (Campanula Calycanthema). This is a very interesting specie of the Canterbury Bell. The calyx forming a saucer around the base of the bell or cup. Pkt., 15c.



Double Balsam (Lady Slipper). This old garden favorite produces a mass of beautiful brilliant colored double flowers around a very stiff stalk. They prefer rich soil, plenty of water, and a sunny position. Plants should stand at least 12 inches apart. All colors mixed. Pkt., 5c; 1/2 oz., 30c; oz., 50c.



Bachelor Buttons, or Cornflower (Centaurea Cyanus). A hardy annual that will reseed itself, which makes it very nice for naturalizing. Thrives in any soil and endures drought. Foliage not interesting, but flowers are very charming. All colors. Pkt., 5c; 1/2 oz., 25c; oz., 45c.



Cosmos. Double Early Flowering. This new variety grows about three feet tall, forming a bush with massed blooms. The flowers are of good size and borne on long stems. Seventy days is required from the time of planting the seed to bring them to bloom. All colors mixed. Pkt., 15c.



Cosmos. Single Early Flowering. This is a popular plant and a very strong grower, and a profuse bloomer. Both foliage and the flowers are beautiful for bouquets and vases. The seed grows readily anywhere. All best mixed. Pkt., 5c; oz., 35c.



Aquilegia. Long Spurred (Columbine). These are one of the most beautiful hardy perennials that we have, producing beautiful flowers on 2 foot stems. They are easy to establish and thrive in almost any situation. However, they do better if sheltered a little from the full sun. Mrs. Scott Elliott's Strain. Pkt., 10c; 1/8 oz., 30c; 1/4 oz., 50c; 1/2 oz., 90c; oz., \$1.65.



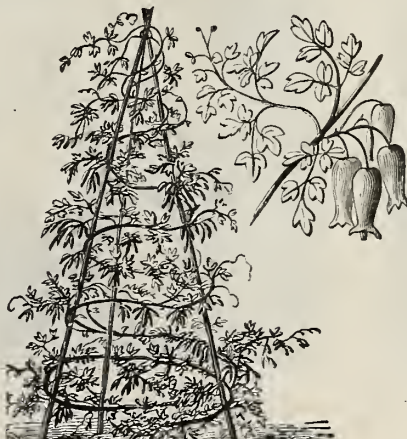
Chinese Woolflower (Celosia Childsii). An annual. The plants grow two to three feet high, the bloom starting early with a central globular head which often reaches size of two feet in circumference. Scores of branches are thrown out, each having a ball of scarlet wool. Blooms do not fade until frost. They can be cut and dried and used for winter bouquets. Pkt., 10c; 1/8 oz., 45c; 1/4 oz., 80c.



Calliopsis, or Coreopsis. Their colors are bright, and strikingly rich and beautiful, and the flowers are numerous, and are very brilliant. Admired for bouquets. Choicest colors, mixed, pkt., 5c; oz., 35c.



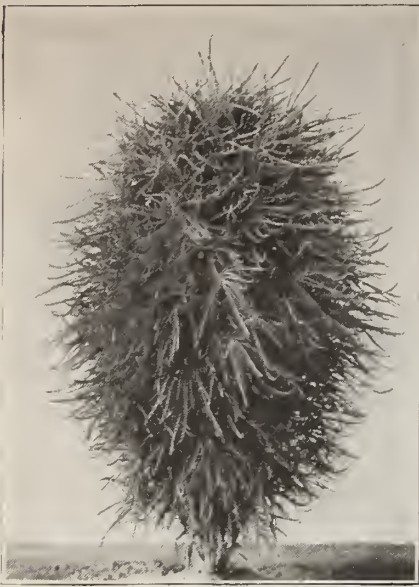
Cockscomb. (Celosia). A very pretty interesting annual producing large comb-like heads. Very showy in the late summer and fall. Pkt., 5c; oz., 40c.



Adumia. Very fine hardy climber; very prettiest foliage; never winter-kills. Called Mountain Fringe, or Alleghany Vine. Pkt., 10c.



Ageratum. One of the best summer blooming plants that can be grown from seed. They grow rapidly and when once they start to bloom they continue through until killed by frost. Pkt., 5c.



Summer Cypress or Burning Bush. The proper name of this beautiful plant is "Kochia Trycophilla." It is highly ornamental, and forms a pyramidal growth of Cypress-like appearance. In autumn the foliage becomes densely carmine-red, and is often called "Mexican Fire Plant." Pkt., 5c.



Escholtzia (California Poppy). Beautiful free flowering variety of poppy-like blooms. Yellow, orange, and red. Thrives in any garden soil. Pkt., 5c; ½ oz., 30c; oz., 50c.



Statice. Curious looking, fine plants, bearing flowers in panicles. Valuable to dry, as they retain color, and are admired for bouquets of everlastings, and cut flowers in summer. Mixed colors, 5c.



Cardinal Climber. A very attractive strong and rapid grower, attaining a height of 25 feet with beautiful fern-like foliage, literally covered with a blaze of fiery cardinal flowers from mid-summer to frost. The flowers are about an inch in diameter and borne in clusters, 5 to 7 blooms. Should be planted in a warm, sunny situation and good, rich soil. The seed should be soaked in water a few hours before sowing and not planted outside until about the tenth of May. Pkt., 10c.



Salvia Splendens. The standard bedding plant that produces a blaze of bright red blooms from mid-summer until killed by heavy frosts. Very beautiful as a hedge or border plant and particularly desirable in beds. Pkt., 10c; ½ oz., 90c; oz., \$1.75.



Pyrethrum Roseum (Painted Daisy). One of the most valuable of our early summer flowering perennials, beautiful in all shades of rose and pink, flowers blooming in May and June and again frequently in August and September. Pkt., 10c.



Nasturtium. No annual excels the Nasturtium for a long period of bloom and easy culture. They need a sunny location but do not depend entirely on rich soil.

Tall. All Colors Mixed. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c.
Dwarf, mixed. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c.



GARDEN PINKS

Double Japan. A variety that will blossom freely the first season and being very hardy will establish itself and blossom on for many years. Excellent as a cut flower. Pkt., 10c; ½ oz., 40c; oz., 75c.

Double Diadem. These are also hardy and have very brilliant coloring. Double flowers that are mottled, fringed, striped, and spotted. Pkt., 10c; ½ oz., 40c.

Picotee. A favorite and well known plant of greatest beauty; combining with the finest form, the richest and most beautiful colors. They have a most delicate perfume; blooms profusely; easily cultivated, growing readily in any soil. Hardy perennials. All the finest varieties, mixed colors, pkt., 10c; ½ oz., 40c; oz., 75c.

Double China Pink (Dianthus Chinesis). A class of beautiful hardy pinks. They blossom well the first year, and for many years thereafter. They are favorites for bouquet making, and the plants are perfectly hardy in all climates. Are popular in gardens. Mixed. Pkt., 10c; ½ oz., 45c; oz., 85c.



Xeranthemum. A free flowering hardy annual classed with the Everlasting. Silvery foliage with flowers in pink, white and purple. All colors mixed. Pkt., 5c.



Ten Weeks Stock. One of the most beautiful and fragrant of all the annual flowers. The flowers are arranged on long stiff stalks like small rosettes. The colors are of the soft hues, making them very attractive in bouquets. All colors mixed. Pkt., 7c; ½ oz., 30c; oz., 50c.



Sweet William (Dianthus Barbatus). A grand and a very well known and exceedingly beautiful and valuable class of hardy perennials. The massive trusses of brilliant and dazzling flowers, are a magnificent sight to behold. Double and single choice mixed all colors. Pkt., 5c; ½ oz., 25c; oz., 45c.



Double Poppy. This beautiful annual gives the effect of being a large feathery ball. They are very beautiful and showy and add materially to the landscape. Pkt., 10c; oz., 60c.
Shirley Poppy. The flowers are single, very beautiful and satiny in various colors, the centers of which are white. The foliage is finely cut and hairy in appearance. Pkt., 7c; oz., 50c.

Perennial or Oriental Poppy. A perennial, and the seeds can be sown at any time of the year. It has very pretty foliage and the flowers are a blaze of beauty and brightness, and it is a rare sight to behold in any garden. All varieties mixed. Pkt., 10c.

SHUMWAY'S PETUNIAS

There is no annual that has a greater range of color and blooms more freely than the Petunia. Very attractive in beds or porch boxes. All colors mixed. Pkt., 5c; oz., 40c.
Blotched and Striped. Pkt., 7c; oz., 50c.
Rosy Morn. A very pleasing clear pink with a white throat particularly desirable in window boxes. Pkt., 10c.
Scarlet Beauty. Scarlet fringed. Pkt., 20c.
Elk's Pride. Plain edged, immense size, blackish purple. Pkt., 20c.
Giants of California. These flowers are very large and the colors are of every conceivable shade of crimson, white, violet, lavender, pink, etc. Without doubt one of the most gorgeous strains of petunias produced. Flowers averaging 5 to 7 inches across. Pkt., containing about 250 seeds, 20c.

The Balcony Varieties

Particularly adapted for window or porch boxes.
Balcony Rose. Rose-pink in color. Pkt., 15c.
Balcony Deep Blue. Pkt., 15c.

Mixed Double Petunia. A particularly choice mixture of large flowering fringed double Petunias. No one can expect from seed to secure all double flowers, as this has never been known. However, thirty to thirty-five per cent will show double and the balance exceptionally large fringed flowers of very beautiful markings and veining. Very choicest mixture. Pkt., 20c.



Snapdragon (Antirrhinum). There are few flowers that can compare with the Snapdragon for gorgeous coloring. Flowers are of large size, very fragrant, and borne on long stalks. They are easily raised from seed in any rich soil in a sunny location. A mixture of all colors. Pkt., 5c; oz., 50c.

Double Hollyhock. A perennial that is desirable for a background or to shut off some unpleasant view. Stately spikes carrying many blooms add to the garden beyond description. Pkt., 10c; 1/2 oz., 40c; oz., 75c.

We offer the following in separate colors:
Antirrhinum (Snapdragon) (Nanum). These are the semi-tall varieties measuring 18 to 20 inches. Very desirable for bedding, as they do not need staking.
Silver Pink. A delicate rose-pink. Pkt., 15c.
Firebrand. Fiery orange-scarlet. Pkt., 15c.
Antirrhinum (Snapdragon) (Maximum). Giant flowered. This strain rivals the Gladiolus, as they grow two to three feet tall with blossoms measuring two to three inches across.
Rose Queen. Brilliant rose-pink. Pkt., 20c.
Copper King. Velvety copper scarlet. Pkt., 20c.
Golden King. Yellow. Pkt., 20c.



Coleus. Popular plants in the flower garden. They have become one of our most popular of all the border and bedding plants. Easily grown anywhere. Finest varieties, mixed, 10c.



Salpiglossis. This is one of the most attractive annuals and should be in every garden. The blossoms one might say are Petunia shaped but each flower is veined with a trace of gold and is the only one we know of possessing this odd characteristic. The blooms are beautifully marbled in all shades of yellow, pink, brown, purple, wine, etc. No annual garden complete without them. Pkt., 10c; 1/2 oz., 45c; oz., 90c.



Annual or Double Larkspur. These are very effective in borders and planted amongst shrubs. The spikes of bloom are very desirable for mixed bouquets. They continue flowering over a long period. Sow seed in the open ground either in the late fall or early spring so that germination might take place as early in the spring as possible. Pkt., 5c; ½ oz., 30c; oz., 50c.



Delphinium or Perennial Larkspur. One of our most loved and highly prized perennials with spikes of flowers in all the shades of lavender, blue, and purple. This is one of our showiest flowers in the borders during June and first part of July. No garden is complete without a generous planting of them. Choicest mixed. Pkt., 10c.



Dahlia Flowered Zinnia. The plants of this new specie are very sturdy and produce many flowers with strong stems. The broad petals are closely imbricated, sometimes seeming almost to be piled upon each other. The flowers often measure 4 inches deep and 6 to 8 inches in diameter. The general appearance of these flowers compares with the Show Dahlias. The colors are very unusual, all shades but odd hues. Mixed. Pkt., 10c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.75.



Scabiosa or Mourning Bride. Commonly known as the Pin Cushion Plant. The stems are long and the blooms keep well after picking. If kept picked this annual will last through the whole summer. The delicate colorings predominate. Pkt., 5c; ½ oz., 30c; oz., 50c.



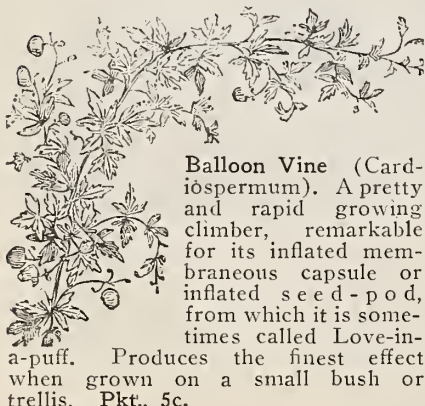
Helichrysum. Are lovely everlasting flowers, and very ornamental in the garden, and are much admired for the beauty of their flowers when dried. Gather them when first open. They retain color for years. Mixed, packet, 5c; oz., 35c.



Imperial Sweet Sultan. This beautiful flower deserves to be in every garden. Produces large double pretty flowers in great profusion, growing on long stems, and is splendid for bouquets. It is sweet scented and admirable for garden. Pkt., 5c; oz., 40c.



Gypsophila. (Baby's Breath or Angel's Breath). A graceful fairy-like flower which is in great demand for cutting and combining with other flowers for bouquets and vases. Pkt., 5c; ½ oz., 20c; oz., 35c.



Balloon Vine (Cardiospermum). A pretty and rapid growing climber, remarkable for its inflated membranous capsule or inflated seed-pod, from which it is sometimes called Love-in-a-puff. Produces the finest effect when grown on a small bush or trellis. Pkt., 5c.



Gilia. Admirable annuals; will succeed almost anywhere. Can be sown at any time. They will blossom soon after out of ground. Nice in bouquets and in masses on lawns. All mixed. Pkt., 5c.



Love Lies Bleeding. Has long drooping panicles, or fine chains of flowers; very attractive, giving a garden an imposing, graceful appearance. Well adapted to any soil, location or climate. Pkt., 7c.



Pansy (Giant Trimardeau). Every one admires this as one of the finest in cultivation. They cause expressions of admiration from every beholder. It blossoms freely the first season, and for many more, as they are perfectly hardy. Nice for the house. A shady location is the most satisfactory. They make the prettiest bouquets of all flowers. Mixture of all varieties. Pkt., 10c; ½ oz., 75c; 1 oz., \$1.40.

Pansy (Giant Trimardeau) in Separate colors.
 Adonis, bright blue, Pkt., 15c. Lord Beaconsfield, upper petals light lavender, lower rich purple, Pkt., 10c.
 Candidissima, snow-white, Pkt., 10c. King of the Blacks, very choice, Pkt., 10c.
 Goldelse, pure yellow, Pkt., 10c. Saint Knud, golden orange, Pkt., 15c.
 Cardinal, brilliant red, Pkt., 10c.
 Indigo, blue, Pkt., 10c.

Mammoth Exhibition Mixture. A blend made up of the largest flowering pansies obtainable. The flowers are round, solid and of gigantic size, including the shades of red, rose, carmine, ruby, in fact all colors known to the Pansy family. Pkt., 20c; ½ oz., \$1.80; 1 oz., \$3.50.



Double Marigold (Tagetes). Very finest class of hardy annuals. Always desirable, because all the flowers are very double, large, and exceedingly beautiful. It gives the greatest satisfaction in any kind of soil. Great improvement over the old sort. All varieties, mixed. Pkt., 5c; ½ oz., 25c; oz., 40c.



Calendula. (Cape Marigold). This is one of the best and showiest free flowering hardy annuals known, growing in any good garden soil making a very beautiful effect all summer long continuing in bloom until killed by frost. Pkt., 5c; oz., 25c.

The Ball. (Florist's Strain). Orange in color with a little lighter center, particularly adapted for forcing. Pkt., 15c; oz., \$1.00.

Ball's Gold. Dark golden yellow. Used for the same purpose as the above. Pkt., 15c; oz., \$1.00.



Gaillardia (Blanket Flower). This valuable perennial has a very long flowering period from June till October. Blossoms a bright yellow with maroon centers, are very attractive and gay. Easily grown in ordinary soil, as beds or borders. Pkt., 10c.



Didiscus or Blue Lace Flower. Long stemmed lavender blue flowers. This interesting annual plant blooms freely from July until November. The plants grow about 18 inches high and have as many as fifty flowers open at a time. Pkt., 10c.

Four o'Clocks. (Marvel of Peru). An old fashioned flower of bushy habit. Flowers of white, yellow, violet and crimson, borne in great quantity all during the summer. This makes a very attractive hedge plant. The glossy foliage dotted with hundreds of flowers make an attractive sight. All colors mixed. Pkt., 5c; oz., 25c.



Adonis. A plant with very pretty foliage and brilliant scarlet flowers. Desirable for mixing in bouquets, as its foliage is very fine and feathery. Pkt., 5c.



Abronia. A beautiful plant, with long trailing stems bearing clusters of fragrant, pretty, Verbena-like, sweet scented blossoms. It will give greatest satisfaction in warm location. Pkt., 5c.





Cineraria. A well known favorite and free-flowering plant for the Home and Greenhouse. They may be had in splendid bloom, through the greatest portion of the year. Very easily grown. All large-flowering sorts. Mixed. Packet, 10c.



CHOICE DOUBLE DAHLIA'S

Double Dahlia. One of our best summer and fall flowering plants. Blooms the first year if started early. Protect the roots in a dry cellar during winter. It is in its greatest glory at the time so many others are fading. All the finest. Mixed. Packet, 10c.



Double White Feverfew. A very handsome, and a free flowering plant, succeeding in any soil. Is fine for both the house, and the open ground. Finest imported, pure double white, which will produce the most beautiful display of any herbaceous plants. They make beautiful bouquets, and can be grown almost anywhere. Pkt., 5c.



Gloxinia. Superb variety of finest green-house plants, producing in greatest profusion, the most splendid, lovely, beautiful flowers, of the richest and most beautiful colors of our valuable house plants. Finest varieties, mixed. Packet, 15c.



Cactus. Very curious, odd looking, strange species of plants which will thrive anywhere with little or no care. But little watering is required. The flowers are of exquisite beauty and delicious fragrance. Expressions of wonder and admiration greet them. All mixed. Packet, 10c.



Canna. These are usually planted from roots or started plants but they can be successfully grown from seed if planted early. The seed should be pierced in one spot with a file and soaked in lukewarm water for 24 hours before sowing. Enormous blooms carried on spikes above broad leaves of green or bronze, makes a beautiful tropical effect in the garden. Pkt., 10c; 1/2 oz., 30c; oz., 50c.



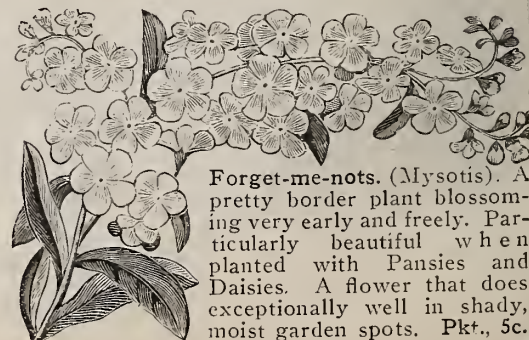
Sweet Alyssum. Pretty, white annual plants, nice for beds, edgings or rock-work. Very sweet scented, beautiful for mixing in bouquets when white flowers are required. Florists use large quantities of it. Pkt., 5c; oz., 35c.



Geranium. These flowers have no rivals for bedding or window boxes. They grow readily from seed the first year producing blooming plants the first summer providing the seed is started early in the house. All choicest varieties mixed. Pkt., 10c.



Fuchsia. A well known greenhouse plant that will bloom the first year if planted early. Seed cannot be sown in the open ground. Double and single mixed. Pkt., 20c.



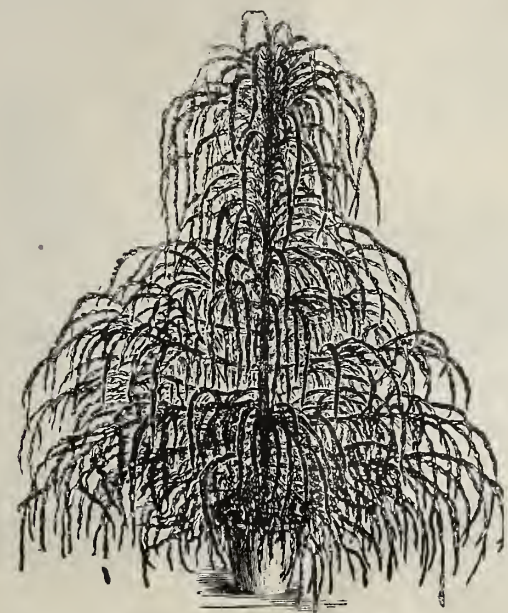
Forget-me-nots. (Myosotis). A pretty border plant blossoming very early and freely. Particularly beautiful when planted with Pansies and Daisies. A flower that does exceptionally well in shady, moist garden spots. Pkt., 5c.



Euphorbia. The foliage is beautifully variegated with silvery white and green, which makes it very showy in the garden or mixed in cutflower bouquets. Pkt., 5c.

Anemone. (Wind Flower). Beautiful hardy perennial which blossoms very early in the spring. Large attractive blooms of a great variety of colors, fine mixed. Pkt., 7c.

Sweet Mignonette. Particularly desirable for its fine, sweet, fragrant odor, for which it is so much admired, for mixing into bouquets. Exceedingly popular, and is used largely by Bee Keepers for a honey-producing plant. Every variety, mixed, pkt., 5c; oz., 25c; ¼ lb., 75c.



Fountain Plant. (*Amaranthus Salicifolius*). A beautiful annual, peculiar in form and color. The foliage is willow leaved, shaded with orange, bronze and crimson. Very interesting, plants growing readily. Pkt., 5c.

New Imperial Japanese Morning Glory. A new mammoth class of noble flowers. Grows 20 feet by midsummer. Rich, dark green leaves, marbled a silvery-white and yellow. Giant size flower and continues in bloom until destroyed by frosts. Mixed. Pkt., 5c; oz., 25c.



Chinese Primrose. (*Primula Sinensis*). A very charming and profuse flowering plant. Is indispensable for winter and spring decoration in house and conservatory. Florists have great demand for them. Fine European selection. Mixed. Packet, 10c.



Portulaca. (Rose Moss). A low growing plant that will thrive and bloom profusely in a hot, dry location. Adapted for rock work edging, etc. Seed should be mixed with a little sand when sown so as to have an even distribution. Sow in May when the ground is warm. Double and single mixed. Pkt., 10c; ¼ oz., 50c; oz., \$1.75.



Cypress Vine. (*Ipomea Quamoclit*). A splendid climbing annual, with finest beautiful foliage. Pretty little flowers. Mixed. Pkt., 5c; oz., 35c.



Ipomopsis (Tree Cypress). A handsome plant with a fine feathery foliage like Cypress Vine. It has long spikes of very beautiful, dazzling scarlet fine spotted flowers. Will thrive in any soil. Pkt., 5c; oz., 25c.

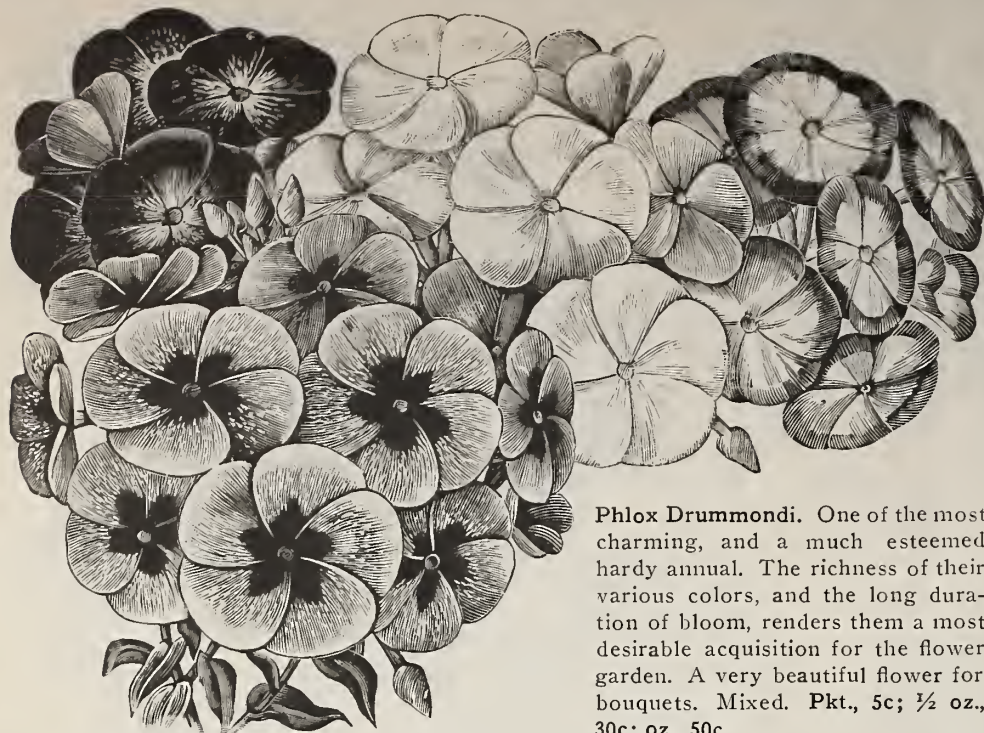
Agrostemma. Attractive, hardy perennial of easiest culture, produces immense amount of rosy and white flowers. Blossoms the first year, and produces a very fine effect. Mixed. Pkt., 5c.



Canary Bird Flower. The popular name given this pretty annual alludes to its supposed resemblance to birds with wings expanded. Valuable trailer and climbing vine. They bloom all the summer and fall. It grows well in any warm, sunny situation. Easily trained to run in any direction you desire. 7c.



Ammobium. Another Everlasting. Pure white, grows freely in any garden soil. Very showy in borders where pure white is desired. Pkt., 5c.



Phlox Drummondii. One of the most charming, and a much esteemed hardy annual. The richness of their various colors, and the long duration of bloom, renders them a most desirable acquisition for the flower garden. A very beautiful flower for bouquets. Mixed. Pkt., 5c; ½ oz., 30c; oz., 50c.

Phlox Drummondii, in separate colors.
Alba, white. Violet.
Coccinea, fiery red. Leopoldi, rose-pink, white eye.
Isabellina, yellow. Atroviolcea, dark violet marbled.
Any of the above packets, 10c; ½ oz., 60c; oz., \$1.00.



Calceolaria. (Pouch Flower). The remarkable beauty of this flower makes it indispensable for greenhouse decoration. Blossoms are borne in great profusion in beautifully spotted and tigered colorings. Choicest varieties, all colors mixed. Pkt., 15c.



Double Daisy. A well known plant being perfectly hardy, therefore desirable for flower borders in which it will last for many years, if left undisturbed. Finest double mixed. Pkt., 10c.



Lobelia. This charming plant forms a compact bush about 6 inches high that is practically covered throughout the season with dainty blue flowers. Very desirable for edgings, ribbon bedding and general garden culture, also can be used for pot culture. They flower the first season from seed. Pkt., 10c.
Crystal Palace Compacta. Dark blue strain with bronze foliage; particularly desirable for edging beds. Pkt., 10c.



Lantana. Charming plants, with brilliant rosettes of blossoms, in all the various hues of pinks, purples, orange, etc. Is excellent either for house culture or open ground. Remarkable for their free flowering. Constantly changing their color. Mixed, pkt., 5c; ½ oz., 30c; oz., 50c.



Foxglove. (Digitalis). One of the stately garden favorites which are very beautiful in shrubby borders, growing 3 to 4 feet high. One of our most beautiful perennials. Pkt., 10c.



Ostrich Feather Celosia. This forms a large, beautiful plant of pyramidal form, and bears numerous massive plumes resembling Ostrich Feathers waving most gracefully above the foliage which makes it effective and beautiful in the garden or lawn. Pkt., 5c; oz., 25c.



Japan Cockscomb. Leaf is scarlet or crimson, with delicate cut comb. Bright scarlet hue; resembles Coral. Fine as ruffled lace. Pkt., 5c.



Double Clarkia. A class of finest favorite annuals, flowering freely with the very greatest varieties of delicate and cheerful looking blossoms during summer and fall. They grow readily and rapidly in any soil. Nice to mix in bouquets. Fine mixed, pkt., 10c; ½ oz., 30c; oz., 50c.



Candytuft. (Iberis). Popular plant of compact, upright habit, and beautiful blossoms; unsurpassed for bedding and bouquets. Seed can be planted early in any soil. Mixed, pkt., 5c; ½ oz., 30c; oz., 50c.



Catchfly. (Silene). Showy free-flowering hardy annuals; fine for beds, borders, bouquets. Succeeds in any soil. Grows about one foot high. It is very nice to mix with other flowers when making bouquets. Succeeds everywhere. Mixed, double, and single, pkt., 5c.



Anchusa Capensis. A hardy annual growing about 2 feet high, branching freely and producing flowers similar in shape and color to the Forget-me-not, but the flowers are larger. Blooms all summer. Pkt., 5c.



Giant Zinnia. One of the most brilliant and the most showy annuals grown. It is a universal favorite, and flowers are as double and as brilliant as Dahlias. A beautiful free-flowering plant all summer and fall. Can be trimmed to any desired shape and blossoms continuously. Choice mixed. Pkt., 5c; oz., 60c.



Cobaea. (*Cobaea Scandens*). One of the most beautiful and rapid growing climbers. With very large purplish lilac bell-shaped flowers. It is a very rapid grower, and consequently is well adapted during our summers to the warmest and the sunniest situations out of doors. The seed should be sown edge-wise. Pkt., 10c.



Verbena. It is one of the most popular garden annuals, easy of culture and will blossom the entire summer. Particularly fine for borders and beds. All colors mixed. Pkt., 7c; 1/2 oz., 40c; oz., 75c.



Losphospermum. Class of beautiful, ornamental climbers, with handsome, showy, Fox-glove-like flowers. Nice for hanging baskets. Mixed. Pkt., 5c.



Abutilon. Large flowering. (Flowering Maple). An easily grown flower for indoor use. Leaves are very ornamental and often variegated. Flowers are bell-shaped, borne the year round. Very interesting and beautiful. Pkt., 15c.



Globe Amaranth, or Gomphrena. Beautiful and useful, everlasting. Some call it English Clover. Gather the heads before fully expanded to dry for winter bouquets. They expand in drying, and preserve an intensely bright color, which is preserved for years. All colors, mixed. Pkt., 5c.



Dusty Miller (*Centaurea Gymnocarpa*). One of the prettiest of ornamental leaved plants. The leaves are white and beautiful for vases, edgings, ribbons, and to mix with cut flowers. 10c.



Musk Plant. (*Mimulus Moschatus*). A very interesting house plant; very fragrant musk-scented leaves. Blooms are yellow. Pkt., 10c.



Golden Bartonnia. One of the showiest annuals desirable for beds and borders. Producing golden yellow flowers. The foliage is thistle-like and gray. Very striking in the sunshine. Plant the seed where wanted in the garden, as they will not stand transplanting. Pkt., 5c.



Double Wallflower. Flowers are deliciously fragrant, and prized for their large spikes of massive double flowers. They produce a charming effect by profuse blooming. Finest mixed colors. Pkt., 10c.



Abobra. Rapid growing, very beautiful hardy climbing perennial, bearing dazzling scarlet fruit in great profusion, forming striking contrast against the dark, glossy green foliage. Pkt., 5c.



Castor Bean (*Ricinus*). Ornamental foliage; stately growth; showy fruit; gives a tropical appearance. Give a warm, sunny situation. Large varieties, mixed. Pkt., 5c; oz., 20c.



Cyclamen. One of our most beautiful and prized house plants, with beautiful foliage and richly colored flowers. They may be successfully grown with a little care and patience, transplanting as the plant develops. Do not attempt to grow this out of doors. Extra choice exhibition mixture. Pkt., 15c.



Hibiscus. A beautiful bush-like plant bearing large flowers during August and September. Adapted to all soils and requiring little care. Pkt., 5c.



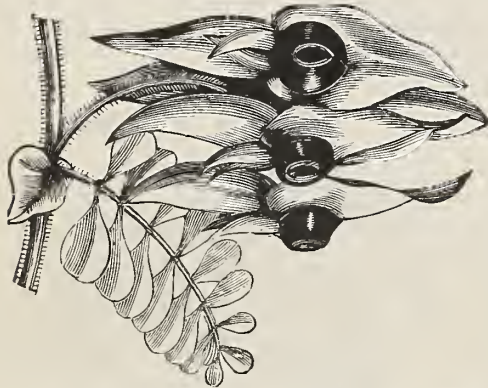
Heliotrope. Profuse flowering plants; deliciously fragrant. Is splendid for bedding; ribbon-borders; vases, or house culture. Seeds sown in spring, will be fine for summer and fall decorations. Choice mixed, pkt., 5c.



Ice Plant (Mesembryanthemum). A singular plant of spreading habit, and very effective in beds, rock-work, or hanging baskets, etc. The plants have a peculiar icy foliage, and the sun gives to them the appearance of being covered with icy crystals. The flowers are white and pink. 10c.



Scarlet Runner Pole Beans. A variety of bean that we are listing with the flower seeds, as they are worthy of consideration in this department. Rapid growers with clusters of dazzling scarlet flowers. Beans make a very desirable shell variety for table use. Pkt., 5c; 1/2 lb., 30c; lb., 50c.



Glory Pea (Climanthus). Beautiful plants for both indoor and outdoor culture. Neat leaves, and has immense drooping clusters of scarlet flowers. 10c.



Lupinus (Lupinus). Free flowering annuals growing about 2 feet tall; produces spikes of various colored pea-shaped flowers. Desirable for mixed borders and for cutting. Mixed. Pkt., 6c; oz., 50c.



Linum (Dwarf Flowering Flax). One of the most showy, brilliantly colored summer annuals. Flowers borne in profusion, dazzling red. Blooms from May to October by successive sowings. Pkt., 5c.



Helipterum. A beautiful everlasting; fine for summer blooming and for winter bouquets. Is splendid for borders. Hardy annual, and is a native of Australia. Mixed colors. Pkt., 5c.



Trumpet Creeper. Rapid growing, and hardy climbing vine; covered in summer and fall with great, large clusters, which present beautiful masses of bloom. Pkt., 10c.



Venus' Looking-Glass. Is a neat, hardy, free flowering class of plants blossoming the first year, and for every season thereafter as a perennial. Flourishes nicely in any of our most common garden soils. Pkt., 5c.



Thunbergia. A profuse flowering annual of trailing habit. Colors all shades of yellow and orange to pure white, with jet black centers or eyes. Mixed, pkt., 5c.



Tritoma (Red Hot Poker). Showy border plants throwing a bloom very compact in form on stout stems. Blossoms are a brilliant orange-red. If left in a protected spot in the garden, they will live over; however, it is well to dig the roots and store in sand for the winter. Pkt., 10c.



Acroclinum. A beautiful everlasting flower bearing blooms, daisy-like in shape. Bright rose and delicate pink in color. Cut when in bud, and as they dry out will expand to full size. Pkt., 7c.



Perennial Pea. A very interesting pea-like flower which blooms continually from spring until fall. Very beautiful in bouquets. This variety is very hardy, will last for years. Pkt., 10c; oz., 75c.



Swan River Daisy. A free flowering dwarf growing annual. A greater part of the summer the plants are covered with blue or white flowers, suitable for edgings or pot culture. Mixed, 5c.



Oxalis. A beautiful little flower for edgings or pots, also to be used in hanging baskets. Flowers are pink, yellow and white, foliage a dark bronzy green. All colors mixed. Pkt., 5c.



Jobs Tears (Coix Lachrymosa). It has large, smooth glossy seeds, hanging pendulous. Is fine mixed with everlastings. Pkt., 5c; oz., 20c.



Saffron. Pretty orange flowers which deserve a place in every garden. Flowers useful in medicine. Pkt., 5c; oz., 25c.



Double Dwarf Sunflower (Helianthus). Ornamental on account of their steady growth, and very fine, attractive appearance. Dwarf sorts do not grow high. Hundreds of flowers on each stalk, and continues in bloom a long time. Very beautiful. All double varieties, mixed. Pkt., 5c; oz., 25c.



Evening Primrose (Enothera). Fine border plants of easy culture. Succeeds well in any soil. If sown early they blossom the first season. Hardy. Mixed. Pkt., 5c; oz., 25c.



Nigella (Love-in-a-mist). A very curious and beautiful free flowering plant, and grows readily in any location, or any of our garden soils. The foliage is fine and pretty. Sprigs are nice to mix in bouquets, etc. All colors, mixed. Pkt., 5c.



Double Paeonias. Rich and beautiful, and have become indispensable to the garden. Some of these will begin to bloom in early spring, while others will finish with the summer rose. They are very hardy, and admirably adapted to the climate of northern states. Grows readily in every locality if given opportunity. Mixed. Pkt., 10c; oz., 75c.



Rhodanthe. A delicate charming everlasting. Requires a light, rich soil in a warm, sheltered garden spot. Beautiful for winter bouquets. Mixed. Pkt., 5c.



Solanum. A beautiful miniature evergreen tree, which bears perpetually great numbers of ripe and green fruit (not edible), and it blossoms freely the whole year. Their scarlet fruit makes them very desirable for both house and to set on the lawns in the summer. Pkt., 5c.



Double Sanvitalia. A beautiful plant of spreading habit, and completely covered with double, golden flowers. Useful both in fresh and dried bouquets, and for beds, borders, or rock-work. Any soil will do. Pkt., 5c.



Perennial Phlox. One of our most beautiful perennial plants for borders. Very hardy and roots may be divided after the second or third year. All colors mixed. Pkt., 10c.

Salvia (Coccinea). Excellent for bedding or borders. Very nice for bouquets, either alone or mixed with other flowers. Pkt., 10c.



Chrysanthemum. Blooms that are universal favorites. Some of these are adapted for indoor culture and many are sufficiently hardy to winter over in the perennial borders. A few should be in every garden. All varieties mixed. Pkt., 5c; 1/2 oz., 35c.



Sensitive Plant. An attractive annual grown as a curiosity. Decidedly a race of curious plants, from the fact that when slightly touched, its leaves close sensitively, hence name. Pkt., 5c; oz., 25c.



Honesty (Lunaria). This bears racemes of beautiful purple flowers. The silvery seed pouches are pretty, curious ornaments for winter bouquets. Pkt., 5c.



Passion Flower (Passiflora). Hardy and handsome climber, grows rapidly, blooms freely, rivals most vines in size, color and a profusion of blooms. Surpasses many in growth and sweet fragrance. Pkt., 7c; oz., 45c.



Collinsia. A free flowering hardy annual, growing 18 inches high. The plants grow in clumps and flowers grow in great profusion in rows around the stalks. All colors mixed. Pkt., 7c.



Double Sweet Rocket. Fragrant, and a beautiful perennial. Perfectly hardy and blooms freely. Large clusters of beautiful flowers. Mixed. Pkt., 5c.



Lychnis. A hardy perennial blooming from June to August flowers that are of a very fiery red. Will blossom the first year if sown early. Pkt., 7c.



Hyacinth Bean (Dolichos). Beautiful climbing plant with elegant flowers, and the prettiest seed-pods, being a beautiful purple, shining as though freshly varnished. Pkt., 5c; oz., 25c.



Pentstemons. Beautiful, and is in bloom during summer with spikes of flowers, all shaded and mottled in all colors. Stands all winters, as they are hardy perennials. All colors mixed. Pkt., 5c.

Spencer Sweet Peas



Mary Pickford. A beautiful dainty cream pink with a faint suffusion of salmon making a delightful color combination hard to surpass. Flowers beautifully frilled, usually 4 to each stout stem. Pkt., 15c.; oz., 50c.

Miss California. A distinct shade of rich salmon pink with standard and wings of precisely the same tone. The individual flowers are large and are borne in sprays of four on long, stout stems. Pkt., 10c.; oz., 35c.

Crimson King. In color this outrivals all other crimson sweet peas. A rich solid clear crimson, stems average 16 to 18 inches long, bearing 3 or 4 large fine blooms. Pkt., 10c.; oz., 30c.

Mrs. Tom Jones. A deep amethyst blue in color. Beautifully waved flowers are very large and are borne on stems generally 4 to a spray. Pkt., 10c.; oz., 30c.

Campfire. The brightest, clearest and distinctly sun-proof of all scarlet varieties. Flowers of fine size borne in profusion on plants of great vigor. Pkt., 10c.; oz., 30c.

King White. The king of all white Sweet Peas. The flowers are of gigantic size and perfect in finish. Absolutely pure white. Pkt., 10c.; oz., 30c.

Austin Frederick Improved. A most pleasing shade of lavender. Flowers are of the largest size and are borne 4 to a spray on long stiff stems. Pkt., 10c.; oz., 30c.

Doreen. Large rose carmine flower. Because of its brightness it is very popular. Vigorous grower, bearing flowers of fine form on long strong stems. Pkt., 10c.; oz., 30c.

Hawmark Cerise. A beautiful bright salmon cerise, shade is specially affected under artificial light. Should be included in every collection. Pkt., 10c.; oz., 30c.

Wenbley. A large light blue lavender, beautiful flower in form and shade. A vigorous grower. Makes a charming combination with pink and blue varieties. Pkt., 10c.; oz., 30c.

Hebe. A fine large rose pink. Popular not only for its lovely clear color but on account of its vigorous growth and unusually long stout stems. Recommended for all gardens and exhibition. Pkt., 10c.; oz., 30c.

One packet each of the 11 varieties for \$1.00 or 1 oz. each of the above for \$3.00.

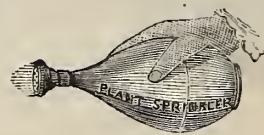
Superfine Mixture. This mixture is the product of a blend made up of forty varieties which will give one the opportunity to select bouquets of various shades. Pkt., 7c.; oz., 15c.; ¼ lb., 45c.; ½ lb., 75c.; lb., \$1.40.



FLUFFY RUFFLES SWEET PEA
The First Ruffled Variety

A new strain introduced this year, therefore stocks are limited. This beautiful creation is very dainty; the petals are ruffled, pink in color, on a cream ground. The flowers are borne in fours, sometimes five, on long stems. Offered only in packets of 25 seeds. 25c per pkt.

Eckford's Hybrid Large Flowering Sweet Peas. This is a very interesting strain of Sweet Peas, as they come in mottled and speckled colors as well as the clear tones. They make up beautifully in bouquets. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; ½ lb., 65c.; lb., \$1.25.



Plant Sprinkler, \$1.50.
Large size No. 1. Very nice for spraying plants, as well as watering seedlings.

Spencer Sweet Peas. The Spencer Strain are the most beautiful in size, shape, color and fragrance of any of the Sweet Pea family. Flowers are borne abundantly all thru the summer. The more they are picked, the better they will bloom. The following varieties are the outstanding creations within the last few years.

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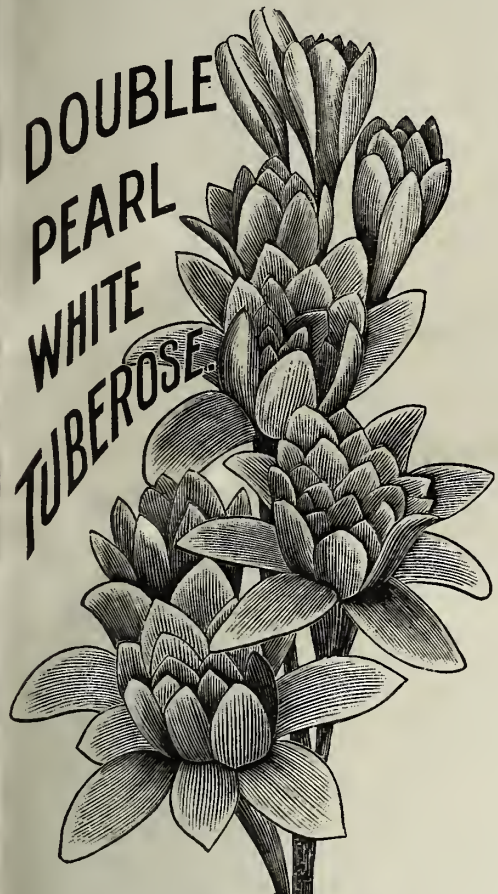
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Lily of the Valley. These beautiful little flowers should have a place in every garden. Considered the daintiest of our spring flowering plants. Roots or pips at 45c per dozen; 100, \$3.30, 50 at the hundred rate.



DOUBLE PEARL TUBEROSE BULBS

These are beautiful, sweet scented flowers, and are very finest for the house as well as the garden. The bulbs can be started indoors early and set in open ground when warm. Three for 20c; 1/2 dozen, 36c; dozen, 65c.



CALADIUM BULBS

A magnificent and tropical-looking plant for the lawn. It is sometimes called Elephant Ear owing to the appearance of its massive leaves. Give them a rich, light sandy soil if possible, with plenty of moisture. Mammoth bulbs each, 25c; 1/2 doz., \$1.15; doz., \$2.15.

These flowers rank among the most popular in this country. Every lover of flowers should have a planting of them in the garden, either for pleasure, or profit. Bulbs should be planted, 4 to 5 inches deep, in the spring, when soil becomes warm. Successive plantings may be made up to the middle of June, in the latitude of Northern Illinois.

We offer only first size bulbs, by that we mean 1 1/2 inches or more in diameter. We retain the smaller sizes for further propagation.

This past season returned only about 50% of normal yield of first size bulbs. Order early before stock is exhausted.

While all varieties listed are of particular importance those listed with asterisk * before the name are of exceptional merit.

Alice Tiplady: Orange, a beautiful bloom. 1/2 doz., 35c; doz., 60c.

Arizona: Dark pink, maroon markings on lower petals. 1/2 doz., 35c; doz., 65c.

Baron Jos. Hulot: Deep violet blue, lighter lines in throat. 1/2 doz., 50c; doz., 90c.

Blue Jay: Large flowers of bright blue with pure white spots in the throat. One of the bluest of "glads." 1/2 doz., 65c; doz., \$1.25.

***Byron L. Smith:** Lavender pink, delicate yellow blotch on lower petals. One of the finest gladioli. 1/2 doz., 40c; doz., 75c.

***Captain Boynton:** A beautiful lavender with deeper shade blotch on lower petals; perfectly placed large flowers on tall strong stems. One of the wonder Gladioli. Each, 30c; 1/2 doz., \$1.50; doz., \$2.85

***Carmen Sylva:** Snow-white, large flowers well placed on a perfectly straight tall stem. An extra fine cut flower variety. 1/2 doz., 60c; doz., \$1.10.

Cathrina: Beautiful grayish light blue, lower petals deeper blue with brownish red spot. 1/2 doz., 60c; doz., \$1.10.

Crimson Glow: Brilliant crimson, extra large flowers, tall spike. 1/2 doz., 55c; doz., \$1.00.

Distinction: Dark violet, very tall spike. 1/2 doz., 55c; dozen, \$1.00.

***Early Sunrise:** Deep orange-salmon with yellow blotch on lower petals; very early. One of the most beautiful in this color. Large blossoms. 1/2 doz., 55c; doz., \$1.00.

Evelyn Kirtland: Rosy pink, darker at the edges fading to shell pink center. 1/2 doz., 40c; doz., 75c.

***Fair Columbian:** Tall, vigorous plant with large, fine, showy lilac blossoms with deeper colored throat. 1/2 doz., 65c; doz., \$1.25.

Flora: Beautiful golden yellow, large flowers. 1/2 dozen, 55c; doz., \$1.00.

Francis King, Mrs.: Salmon red, a fine flower. 1/2 doz., 30c; doz., 55c.

***Giant Nymph:** Light rose-pink with creamy yellow throat; very large wide open flowers, well arranged on long stems, grows 5 to 6 feet tall. 1/2 doz., 90c; doz., \$1.75.

***Ionia:** A creamy yellow suffused with pink which makes it a beautifully toned variety. A very tall spike carrying the blossoms beautifully placed. 1/2 doz., 70c; doz., \$1.30.

Lily Lehman: Ivory white, lily shaped flowers. 1/2 doz., 40c; doz., 75c.

Loveliness: Creamy white, large flowers. 1/2 doz., 50c; doz., 90c.

***Mrs. Leon Douglas:** Begonia-rose striped with flame-scarlet, lower petal pale lemon speckled ruby. Extremely large flower, many open at one time. Very tall, strong stem with several side shoots, the whole forming a gigantic bouquet. This is considered the largest Glad in existence. Each, 75c; 1/2 doz., \$4.25.

Majestic: Fine orange pink, large flowers, distinct variety. 1/2 doz., 60c; doz., \$1.10.

Mary Pickford: Delicate creamy white with yellow blotch, very early. 1/2 doz., 50c; doz., 90c.

Gladiolus Bulbs



***Mr. W. H. Phipps:** La France Pink, overlaid with salmon-rose lighter towards the center, lower petals faintly striped and speckled with ruby; enormous flowers perfectly placed on gigantic stems. 15 to 20 open at one time. A super variety. Each, \$1.00; 1/2 doz., \$5.00.

***Mrs. Dr. Norton:** Silver white blossoms, tips of petals marked crab apple pink. A dainty flower. 1/2 doz., 50c; doz., 90c.

BULB CATALOG

Our fall catalog of bulbs will be ready for distribution about the middle of August. If you are interested in tulips, hyacinths, crocus, narcissus, peonies, iris and lilies, don't fail to have a copy mailed you.

As a suggestion when you send in your order for seed, request a fall catalog, making this request on a separate slip of paper, with your name and address, and as soon as the catalogs are off the press, one will be mailed you.



Vigoro is a scientifically balanced ration giving to plants just the nourishment needed to promote a rapid, vigorous, sturdy growth. It is clean, odorless, economical and easy to apply. The Home Beautiful booklet of instructions comes in every bag.

For Lawns, Gardens, Flowers, Shrubbery and Trees
 5 lbs. by parcel post 85c.
 5 lbs., 50c. 25 lbs., \$1.75.
 50 lbs., \$3.00. 100 lbs., \$5.00.
 F. O. B. Rockford, Ill.

***Mrs. Frank Pendleton:** Large pink flowers with deep carmine blotch. 1/2 doz., 35c; doz., 60c.

***E. G. Shaylor:** A beautiful deep rose-pink; one of the best ruffled varieties. An excellent cut flower, many blooms open at one time. 1/2 doz., 45c; doz., 80c.

***Mrs. H. E. Bothin:** Flesh pink, tinted salmon; flame scarlet center; heavily ruffled. A beauty. 1/2 doz., 65c; doz., \$1.25.

Mrs. Watt: American beauty rose color. 1/2 doz., 35c; doz., 60c.

Myrtle: A very fine pink blending into a deeper pink. 1/2 doz., 50c; doz., 90c.

Niagara: Creamy yellow. 1/2 doz., 40c; doz., 75c.

Odin: Deeper than Prince of Wales, larger flowers, small deep red spot on lower petals. 1/2 doz., 45c; doz., 80c.

***Orange Glory:** Ruffled flowers, orange, lighter throat, large flowers. 1/2 doz., 75c; doz., \$1.40.

Pink Perfection: Bright fine light pink; large flowers. 1/2 doz., 55c; doz., \$1.00.

Prince of Wales: Delicate salmon. A great number of flowers open at one time. 1/2 doz., 40c; doz., 75c.

***Purple Glory:** Velvet maroon, ruffled flowers. A wonderful spike. Each, 25c; 1/2 doz., \$1.10; doz., \$2.10.

***Romance.** Orange-rose, red and yellow throat, wine-blue bordered petals; an unusual, beautiful variety. 1/2 doz., 55c; doz., \$1.00.

***Rose Ash:** Ashes of roses. Another unusual spike. 1/2 doz., \$1.00; doz., \$1.90.

Scarlano: Brilliant scarlet, large flowers. 1/2 doz., 40c; doz., 75c.

White Giant: Enormous snow white blossoms on tall majestic stems. The petals are pointed and spreading, giving the flowers a lily-like appearance. 1/2 doz., 70c; doz., \$1.25.

Youell's Favorite: Large flower and plant. Beautiful rosy lavender with ruffled petals. 1/2 doz., 60c; doz., \$1.10.

1910 Rose: Very large flower of pure rose pink; white center lines on the lower petals. 1/2 doz., 40c; doz., 75c.

Superfine Mixture: Containing many of the varieties listed above and others. Our own selection, however, of excellent varieties and quality of stock. 1/2 doz., 25c; doz., 40c; 25, 75c; 50, \$1.40; 100, \$2.65; 1000, \$21.50. Parcel post or express charges prepaid.



A clean, odorless powder, which will dissolve quickly in water. It can be easily applied to plants just as you ordinarily water them.

Complete instructions on each can. House plants readily respond to this food.

A little of this food goes a long ways as it is highly concentrated. A rounded teaspoon full dissolved in a cup of hot water, then this poured into a gallon of cool water will provide a watering and food for a great many house plants or a fair sized bed out of doors. Flowers as well as vegetables out of doors will be greatly benefited if occasionally used during the growing season.

When a change of soil is made for potted plants mix a teaspoonful of Watch-em-Grow with a gallon of soil. The results are surprising. A can of this concentrated plant food should be in every home ready to feed plant life when they need it. 8 oz. can, postpaid, 50c.



1928 - 58TH YR.

Shumway's

SEEDS & BULBS

PRODUCE THE ANTICIPATED
RESULTS



ESTABLISHED 1870

R.H. Shumway

ROCKFORD, ILL.