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1909

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# Annual Catalogue

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Washington, D.C.

# OF SEEDS

# TREES AND PLANTS

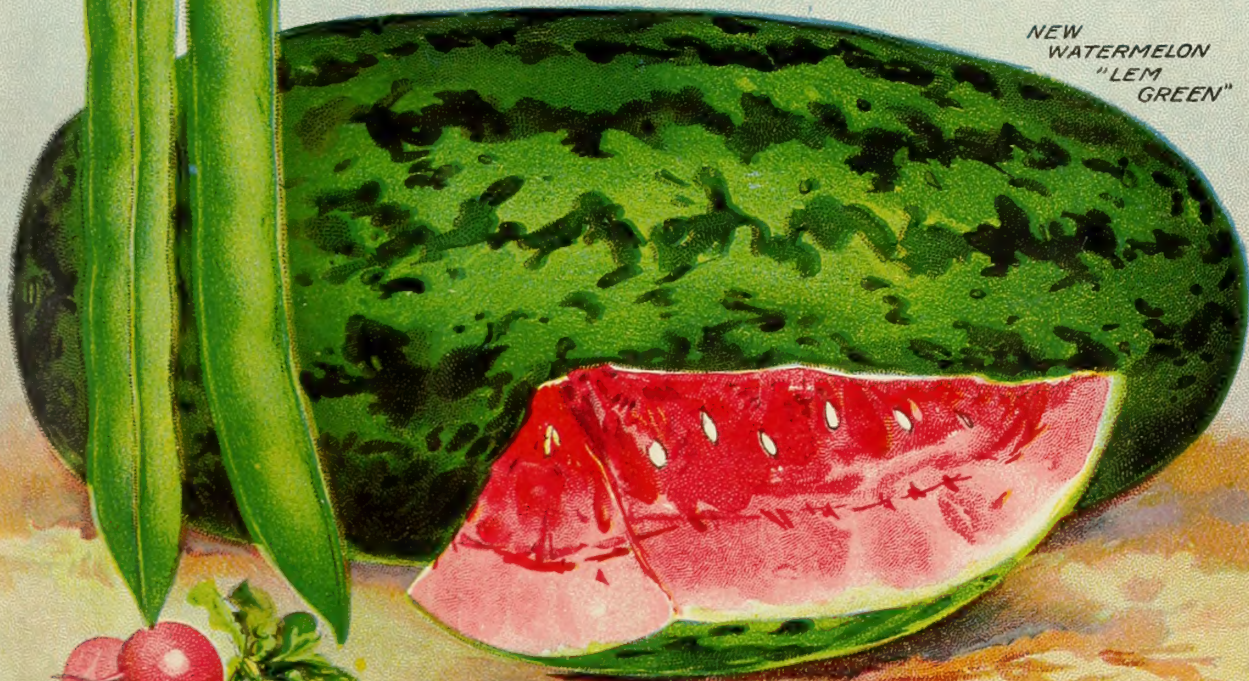
OF EVERY DESCRIPTION.

SEED INTRODUCTION  
AND DISTRIBUTION  
MAR 8 1909  
RECEIVED

NEW  
SCOTIA  
POLE  
BEAN



NEW  
WATERMELON  
"LEM  
GREEN"



EARLY  
BIRD  
RADISH



## Otto Schwill & Co.,

MEMPHIS, TENN.

ESTABLISHED

1869

# 1909—GARDEN GUIDE AND DESCRIPTIVE PRICE LIST—1909

## To Our Patrons, Friends and Seed Buyers:

This is our fortieth annual catalogue, and we are celebrating the event by issuing the best and largest edition that we have ever published. Our growing and successful business is the result of constant, close attention, hard work, both physical and mental. We have never been so well prepared to handle our rapidly increasing trade as at present. Our two large buildings, 18-20 South Front street, are the most convenient and substantial seed warehouses in the South. Our cleaning machinery is improved and up to date. We invite our friends when in the city to visit us and inspect our mammoth stocks.

Our greenhouses are in the suburbs east of the city, and are being added to each season. They are well stocked with plants of every description. The nursery comprises now over sixty acres, and we are growing the best trees in the Southern States. We have this department in the hands of

a competent manager. If you want good, clean, healthy trees, send us a trial order this season.

We wish to thank you, one and all, for the past liberal patronage, and we sincerely ask a trial from those who have never tried our seeds. We especially wish to thank those of our customers who have so kindly given us recommendations to their friends, and also the many who have written letters in testimony of the high quality of our goods. We must regret that we cannot write each a personal letter, instead of printing this message.

Wishing you all a prosperous season, and that our business relations may continue as pleasant in the future as in the past, we remain very respectfully yours,

**OTTO SCHWILL & CO., Seedsmen.**

Otto Schwill, President. Chas. E. Heckle, Vice-President.  
Jacob F. Haid, Secretary and Treasurer.

Established 1869. Incorporated 1900.  
Memphis, Tenn.

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### Alfalfa Plants.

Note the vigorous growth and the bacteria nodules on the one to the right, on which Farmogerm Culture was used.



### FARMOGERM.

(High-Bred Nitrogen-Gathering Bacteria.)  
"Makes Poor Soil Good Soil."

It is well known that nitrogen is the most expensive of fertilizing elements. It is also known that it is the plant food in which most soils are deficient. We are pleased, therefore, to be able to offer our patrons an improved and most reliable method of inoculating soil with nitrogen-gathering bacteria. By moistening the seed of any leguminous crop to be planted with Farmogerm, not only is the immediate crop benefited by this pure culture of high-bred nitrogen-gathering bacteria, but the soil is enriched in nitrogen, which will be available for future crops of any kind for two or three seasons. One of the important advantages which Farmogerm has over other and earlier preparations of this kind is the fact that it needs no treatment or development before using. It comes in sealed bottles, ready for use with a little water, according to directions.

Soil inoculation is a big subject, and the possibilities of it are only partly appreciated by many. We have no space for

details here, but we hope our customers will write us for a free pamphlet on the subject, which we will be pleased to send. Investigate before planting crops of Alfalfa, Alsike, Clover, Cow Peas, Beans, Vetch, etc.

We are prepared to supply Farmogerm for any one or all of these crops at the laboratory price of \$2.00 per acre. Ten per cent. discount on 25 acres, 15 per cent. discount on 50 acres, 20 per cent. discount on 100-acre orders.

Garden size, mixed culture, good for Peas, Beans and Sweet Peas, at 50 cents a bottle.

The United States Department of Agriculture says: "The pure culture method has come to stay."

### SPECIAL DISCOUNTS.

Notwithstanding the low and reasonable prices in the following pages on vegetable and flower seed, bulbs and plants, we will allow the following liberal discounts:

For a remittance of \$1.00 you may select vegetable and flower seeds to the value of \$1.25.

For a remittance of \$2.00 you may select vegetable and flower seeds to the value of \$2.50.

For a remittance of \$3.00 you may select vegetable and flower seeds to the value of \$3.75.

For a remittance of \$4.00 you may select vegetable and flower seeds to the value of \$5.00.

Please remember that these discounts apply only on vegetable and flower seed in packets, half and one-ounce packets, quarter, half and one-pound, pint or quart packages; also to prices on bulbs and greenhouse or flowering plants. Discount does not apply to farm seeds, grain, poultry supplies, fertilizers, etc. It applies to mail and express orders at catalogue prices on all garden and flower seed in packages mentioned above.

**Notice Carefully the Prices.** Be sure to know whether we or you are to pay the freight or express, and bear in mind that we do not pay the express or freight charges on pecks or bushels, nor on any tools, bulbs, grass seeds, field seeds or fertilizers, except where we so state on the pages where the goods are priced.

**We Pay Postage or Expressage** on all seeds quoted by the packet, ounce, quarter pound and pound, and upon all goods quoted in our catalogue where it says: **Prepaid by Mail or Express.**

**The Prices We Quote** on vegetable seeds and seeds will hold good as long as stocks last. The prices on grass seed, grains and all farm seeds are those ruling January 1, 1909, and are subject to change. As far as possible we will fill in full all orders for seeds that are quoted subject to variation in price, but if market values will not permit this, we will send all that money remitted will pay for.

### ABOUT GUARANTEES, ETC.

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

**Otto Schwill & Co., Seedsmen**











### HOW TO GET A GOOD GARDEN DRILL FREE.

Any one sending us an order for garden and flower seeds only to the amount of \$3.00 at one purchase, in 5, 10, 15, 20 and 25-cent packages, catalogue prices of 1909, we will give free as a premium an excellent Garden Drill. Bear in mind, this offer does not apply to any purchase of grain, clover, grass seeds, onion sets, seed potatoes, plants, trees, etc., only to garden and flower seed in size packages mentioned. The Drill will be sent with goods or separately, as instructed, at customer's expense, by express or freight as desired. No discount is allowed either in seeds or cash on the \$3.00 order. You get the Drill only as a premium.

## Free Trees

We will allow premium free trees on nursery orders, as follows: Any one sending us an order for nursery stock only, amounting to \$2.50, at catalogue prices, may select free one tree valued at 25c; on orders amounting to \$5.00 at catalogue prices, may select, free, trees or plants to value of 75c; on orders to amount of \$10.00 can have free trees to value of \$2.00. Make your selection and do not overlook this discount feature.

## Vegetable Plants

We can supply in any quantity all vegetable plants here mentioned, and ship directly from the beds, well packed, on the shortest notice.

Orders will be filled in season when plants are in right condition, and at the right time. See dates below when different varieties are ready for shipment.

At prices quoted they are sent by express at purchaser's expense. We do not send vegetable plants by mail.

### CABBAGE PLANTS.

	Ready March 1.	100	1,000
Early Jersey Wakefield	.....	\$ .35	\$2.50
Charleston, Large Wakefield	.....	.35	2.50
Early Summer	.....	.35	2.50
Solid South	.....	.35	2.50
Early Flat Dutch	.....	.35	2.50
Early Drumhead	.....	.35	2.50
Large Late Drumhead	.....	.35	2.50

By Exp. only.

### CELERY.

	Ready April 15.	100	1,000
Henderson's White Plume	.....	\$ .50	\$3.00
Golden Self-Blanching	.....	.50	3.00

### CAULIFLOWER PLANTS.

	Ready March 15.	25	100
True Early Snowball	.....	\$ .25	\$.75
Extra Early Erfurt	.....	.25	.75

### EGG PLANT.

	Ready April 15.	Doz.	100
New York Improved Purple	.....	\$ .30	\$2.50

### LETTUCE PLANTS.

	Ready March 15.	100	1,000
Deacon Head	.....	\$ .35	\$2.50
Large White Cabbage	.....	.35	2.50
Big Boston	.....	.35	2.50

### PEPPER PLANTS.

	Ready April 15.	Doz.	100
Bell, or Bull Nose	.....	\$ .25	\$1.50
Long Red Cayenne	.....	.25	1.50
Chinese Giant	.....	.40	2.00

### TOMATO PLANTS.

	Ready March 20.	Doz.	100	Hotbed.	Transplanted.
Acme	.....	\$.15	\$.75	\$.25	\$1.50
Beauty	.....	.15	.75	.25	1.50
Stone	.....	.15	.75	.25	1.50
Ponderosa	.....	.15	.75	.25	1.50
Earliana	.....	.15	.75	.25	1.50

### SWEET POTATO PLANTS.

	Ready April 15.	100	1,000
Genuine Yellow Yam	.....	\$ .30	\$2.50
Southern Queen	.....	.30	2.50
Early Yellow Strasburg	.....	.30	2.50
Red Brazilian	.....	.30	2.50

### BUNCH YAM POTATO SLIPS.

	Ready April 15.	100	1,000
Spanish Bunch Yam	.....	\$ .40	\$3.00
Bunch Yellow Yam	.....	.40	3.00
Gold Coin Bunch Yam	.....	.40	3.50



Queen Rhubarb.

## How to Grow Asparagus

For profit or pleasure, mailed free if asked for on order.



Asparagus Roots.

## Esculent Roots and Plants

### ASPARAGUS ROOTS.

Palmetto—Two-year-old roots, 50 for 75c, 100 for \$1.00, 1,000 for \$6.00.

Conover's Colossal—Two-year-old roots, 50 for 50c, 100 for 75c, 1,000 for \$5.00.

Horseradish Sets—Doz., 20c; 100, \$1.00; 1,000, \$6.00.

Chives or Schnittlauch—Clumps, 35c each, by express only.

Queen Rhubarb Roots—Small roots, 75c doz.; large roots, \$1.50 doz., by express only.

### ARTICHOKE ROOTS.

Giant White—The greatest hog food known, attracting much attention on account of their great fattening properties. They need not be dug in the fall; the hogs should be turned on them, and will help themselves by rooting for them. They are also said to be a preventive of hog cholera and other diseases. Three to five bushels will plant an acre. They may be planted same as potatoes. Plant in March or April, in rows 3 feet apart, and 2 feet apart in the row, and cover about 2 inches deep. Qt., 40c, postpaid. By freight, pk., 75c; bu., \$2.50.

## Hedge Plants

Beautify your home with a hedge fence. Cheaper than any other. When once planted will last forever. The California Privet.

California Privet, for Hedging—10 to 15 inches high, 25 for \$2.00, 100 for \$6.00; 18 to 24 inches high, and bushy, 25 for \$3.00, 100 for \$10.00.

## Free Roses

A Grand Premium Offer—Any one sending us an order for \$2.00 worth of garden or flower seeds in packets, ounces, pounds, pints or quarts, at 1909 catalogue prices, we will send as a premium 5 beautiful ever-blooming roses. These are small, well-rooted plants and will grow off nicely if properly planted. Selection of varieties must be left to us. We will send you a nice assortment. If your order amounts to \$4.00 in packet seed, as noted above, will send you 10 roses, assorted colors. This offer does not apply to bulk seed, clover, grass seed, potatoes, fruit trees; only to garden and flower seed in packets, ounces, pounds, pints and quarts. No discounts allowed on seed orders when roses are sent as premium. The roses will be mailed separately, at the proper time for planting.

# 1909 = MARKET GARDENERS = 1909

## BULK PRICE LIST

The following prices are free on board Memphis. Postage, express or freight charges must be paid by the purchasers. If seeds are wanted by mail that are quoted on this Bulk List, postage at the rate of 10c per pound must be added to these quotations.

PRICES SUBJECT TO CHANGE—Some seeds are again in short supply, crops having failed. We, therefore, cannot guarantee to hold these prices. They are subject to change without further notice.

These prices cancel all previous quotations.

	Qt.	Gal.	Pk.	Bu.		¼ lb.	½ lb.	1 lb.	
<b>BEANS—Bush, Green Pods.</b>					<b>CABBAGE.</b>				
Best of All	\$0.30	\$0.70	\$1.20	\$4.25	Large Late Drumhead Improved	\$0.45	\$0.75	\$1.25	
Black Valentine	.35	.75	1.40	5.25	Large Late Flat Dutch Improved	.45	.75	1.25	
Bountiful	.30	.70	1.25	4.50	Large Drumhead Savoy	.45	.80	1.35	
Burpee Stringless Green Pod	.35	.75	1.40	5.00	Mammoth Marblehead	.45	.80	1.50	
Extra Early Refugee	.30	.70	1.25	4.25	Schwill's Matchless Flat Dutch	.50	.90	1.75	
Early Mohawk Six Weeks	.25	.65	1.10	4.00	Schwill's Ideal Winter	.55	1.00	1.80	
Early Yellow Six Weeks	.25	.65	1.10	4.00	Solid South	.50	.90	1.75	
Full Measure	.40	1.50	2.50	8.50	Surehead	.45	.75	1.50	
Giant Green Pod Stringless	.35	.75	1.35	5.25	Succession	.50	.85	1.60	
Hodson's Green Pod	.35	.80	1.50	5.25	Volga	.65	1.20	2.25	
Improved Early Red Valentine	.30	.70	1.15	4.00	World Beater	.50	.90	1.70	
Lightning Earliest Valentine	.35	.75	1.25	4.50	<b>CARROT.</b>				
Longfellow	.35	.75	1.40	5.00	Danvers' Half Long	.20	.35	.60	
Prolific Tree	.30	.60	1.10	4.00	Early Scarlet Horn	.20	.35	.60	
Red Kidney	.30	.60	1.10	4.00	Half Long Scarlet	.20	.35	.55	
White Marrow	.30	.60	1.10	4.00	Improved Long Orange	.20	.35	.35	
<b>BEANS—Bush Limas.</b>					<b>COLLARD.</b>				
Dreer's New Wonder Bush Lima	.40	1.25	2.00	7.00	Georgia White Cabbage	.35	.55	.90	
Henderson's Bush Lima	.35	1.00	1.75	6.50	North Carolina Buncombe	.35	.55	.90	
Wood's Prolific Bush Lima	.40	1.00	1.90	7.00	True Southern	.30	.50	.75	
<b>BEANS—Bush Wax.</b>					<b>CELERY.</b>				
Currie's Rust Proof Wax	.30	.75	1.40	5.25	Columbian White	1.25	2.50	4.25	
Davis Wax	.35	.70	1.40	5.25	Giant Pascal	.60	1.00	1.70	
Flageolet Scarlet Wax	.30	.75	1.40	5.25	Golden Self-Blanching	.70	1.40	2.50	
Flageolet Violet Wax	.30	.75	1.40	5.25	Henderson White Plume	.60	1.00	1.70	
German or Black Wax	.30	.75	1.35	5.00	Large White Solid	.55	.90	1.60	
Golden Wax Improved	.30	.70	1.25	4.75	<b>CUCUMBER.</b>				
Hodson's New Wax Pod	.35	.75	1.40	5.25	Arlington White Spine	.50	.75	1.50	
Jones' Stringless Wax	.35	.75	1.40	5.50	Cool and Crisp	.55	1.00	2.00	
Round Pod Wax	.40	.90	1.75	6.50	Davis Perfect	.60	1.00	2.00	
Saddleback Wax	.30	.75	1.35	5.00	Extra Long White Spine	.50	.90	1.60	
Valentine Wax	.40	.90	1.75	7.00	Extra Early Long Green	.60	1.00	2.00	
Wardwell's Kidney Wax	.35	.70	1.35	5.00	Early Green Cluster	.45	.75	1.50	
<b>BEANS—Pole.</b>					<b>EGG PLANT.</b>				
Golden Cluster Wax	.35	.90	1.70	6.00	Black Beauty	\$1.10	\$2.00	\$3.75	
Kentucky Wonder	.40	1.00	2.00	7.00	New York Improved Purple	1.00	2.00	3.50	
Lazy Wife	.35	.90	1.70	6.00	<b>ENDIVE.</b>				
New Scotia Cornfield	.40	1.50	2.50	8.00	Large Green Curled	.50	1.00	1.75	
Red Speckled Cut Short	.30	.85	1.65	6.00	<b>KALE.</b>				
Southern Prolific	.30	1.00	1.70	6.00	Dwarf German Curled	.15	.25	.40	
Southern Creasback	.35	.90	1.70	6.00	Tall Green Curled Scotch	.20	.35	.65	
Tall Black Wax Indian Chief	.35	1.00	1.90	6.50	<b>LEEK.</b>				
White Sickle	.40	1.25	2.20	7.00	Large London Flag	.50	.85	1.50	
<b>BEANS—Lima, Pole.</b>					<b>LETTUCE.</b>				
Carolina, or Sieva Butter	.40	1.00	1.80	7.00	Big Boston	.40	.70	1.25	
Dutch Case Knife	.35	.90	1.75	6.50	Boston Market	.40	.70	1.25	
Early Jersey Lima	.35	.90	1.75	6.75	California Cream Butter	.40	.65	1.00	
King of the Garden Lima	.35	.90	1.75	6.75	Deacon Head	.35	.65	1.00	
Large White Lima	.35	.85	1.65	6.50	Early Curled Simpson	.35	.60	1.00	
Schwill's Monstrous Lima	.40	1.00	1.90	7.25	Hanson Head	.35	.50	1.00	
Siebert's Early Lima	.35	.90	1.75	6.75	Hubbard Market	.35	.60	1.00	
<b>BEEF.</b>					<b>ICEBERG.</b>				
Arlington	¼ lb.	½ lb.	1 lb.		Iceberg	.40	.70	1.25	
Crimson Globe	\$0.20	\$0.30	\$0.55		<b>BEANS—Lima, Pole.</b>				
Crosby Egyptian	.20	.35	.55		Carolina, or Sieva Butter	.40	1.00	1.80	
Detroit Dark Blood	.15	.25	.45		Dutch Case Knife	.35	.90	1.75	
Dirigo	.20	.30	.55		Early Jersey Lima	.35	.90	1.75	
Early Blood Turnip	.15	.25	.40		King of the Garden Lima	.35	.90	1.75	
Eclipse Blood Turnip	.15	.25	.40		Large White Lima	.35	.85	1.65	
Extra Early Bassano	.15	.25	.40		Schwill's Monstrous Lima	.40	1.00	1.90	
Extra Early Egyptian	.15	.25	.40		Siebert's Early Lima	.35	.90	1.75	
Market Gardener	.20	.30	.50		<b>BEEF—Mangel Stock and Sugar.</b>				
Mitchell's Perfection	.20	.35	.65		Giant Feeding Sugar Beet	.10	.15	.30	
<b>BEEF—Mangel Stock and Sugar.</b>					<b>EGG PLANT.</b>				
Giant Feeding Sugar Beet	.10	.15	.30		Black Beauty	¼ lb.	½ lb.	1 lb.	
Golden Tankard Mangel	.10	.15	.30		Black Beauty	\$1.10	\$2.00	\$3.75	
Klein Wanzleben Sugar Beet	.10	.15	.30		New York Improved Purple	1.00	2.00	3.50	
Lane's Imperial Sugar Beet	.10	.15	.30		<b>ENDIVE.</b>				
Mammoth Yellow Intermediate	.10	.15	.25		Large Green Curled	.50	1.00	1.75	
Mammoth Long Red Giant	.10	.15	.30		<b>KALE.</b>				
Prize Winner Yellow Globe	.10	.15	.30		Dwarf German Curled	.15	.25	.40	
White French Sugar Beet	.10	.15	.25		Tall Green Curled Scotch	.20	.35	.65	
<b>CABBAGE.</b>					<b>LEEK.</b>				
All Seasons	.45	.80	1.50		Large London Flag	.50	.85	1.50	
All Head Early	.45	.80	1.50		<b>LETTUCE.</b>				
Charleston Large Wakefield	.50	.90	1.75		Big Boston	.40	.70	1.25	
Danish Ball Head	.50	.90	1.75		Boston Market	.40	.70	1.25	
Early Jersey Wakefield	.50	.90	1.75		California Cream Butter	.40	.65	1.00	
Early Summer	.40	.75	1.40		Deacon Head	.35	.65	1.00	
Early Drumhead	.35	.70	1.25		Early Curled Simpson	.35	.60	1.00	
Early Flat Dutch	.50	.85	1.50		Hanson Head	.35	.50	1.00	
Early Winningsstadt	.35	.70	1.25		Hubbard Market	.35	.60	1.00	
Extra Early Express	.50	.90	1.75		Iceberg	.40	.70	1.25	
Extra Early Eureka	.85	1.40	2.50						

LETTUCE.				PEAS—				
	¼ lb.	½ lb.	1 lb.		Qt.	Gal.	Pk.	Bu.
Imperial New Cabbagehead.....	\$0.60	\$1.00	\$2.00	First and Best, Extra Early.....	\$0.35	\$1.00	\$1.75	\$6.25
Mammoth Black Seed Butter.....	.40	.70	1.25	Fillbasket .....	.40	1.00	1.75	6.50
Market Gardeners' Private Stock.....	.40	.70	1.25	Gradus or Prosperity .....	.40	1.00	2.00	7.50
May King .....	.40	.70	1.25	Horsford's Market Garden.....	.30	.75	1.40	5.50
Mignonette .....	.40	.70	1.25	Large White Marrowfat.....	.25	.50	1.00	3.50
Philadelphia White Cabbage.....	.30	.50	.90	Large Black-eye Marrowfat.....	.25	.50	1.00	3.50
Prize Head .....	.35	.60	1.00	McLean's Little Gem.....	.40	1.00	1.75	6.75
Schwil's Hard Head.....	.40	.70	1.25	Schwil's Extra Early Market.....	.40	Stock exhausted		
Schwil's Largest of All.....	1.00	1.50	2.50	Thomas Laxton .....	.40	1.00	1.75	6.75
Schwil's Market .....	.60	1.00	2.00					
Schwil's Memphi.....	.60	1.00	2.00					
Wonderful .....	.40	.70	1.25					
White Summer Cabbagehead.....	.35	.50	1.00					
<b>MELON—Cantaloupe.</b>				<b>PEPPER.</b>				
Baltimore or Acme.....	.50	1.00	2.00	Bell or Bull Nose.....	¼ lb.	½ lb.	1 lb.	
Burrell Gem .....	.55	1.00	1.85	Chinese Giant .....	\$0.50	\$1.00	\$1.75	
Cannon Ball .....	.50	1.00	1.80	Long Red Cayenne.....	.50	1.00	1.75	
Early Netted Gem .....	.50	1.00	2.00	Neapolitan Giant .....	1.10	2.00	4.00	
Emerald Gem .....	.55	1.00	2.00	Ruby King .....	.50	1.00	1.85	
Eden Gem .....	.45	.75	1.40					
Extra Early Hackensack.....	.45	.80	1.60	<b>PUMPKIN.</b>				
Ferry's Defender .....	.35	.60	1.25	Cushaw White .....	.25	.50	.85	
Improved Large Baltimore.....	.70	1.25	2.50	Golden Oblong .....	.25	.50	.90	
Long Island Beauty.....	.45	.80	1.65	Japanese Pie .....	.30	.60	1.00	
Miller's Cream .....	.35	.65	1.25	Kentucky Yellow Field.....	.15	.25	.40	
Montreal Market .....	.35	.65	1.25	Mammoth King .....	.35	.65	1.25	
Netted Rock, New.....	.60	1.15	2.25					
Prolific Netted Nutmeg.....	1.00	2.00	4.00	<b>RADISH.</b>				
Rocky Ford, True .....	.50	.75	1.50	Brightest Long Scarlet.....	.15	.25	.50	
Rocky Ford, Jr. ....	.65	1.25	2.25	Chartier or Shepard.....	.15	.25	.40	
Rocky Ford, Burrell's Thoroughbred.....	.65	1.25	2.25	Chinese Rose, Winter.....	.15	.25	.40	
Schwil's Sweet Nutmeg.....	.55	1.00	2.00	Crimson Giant .....	.15	.25	.50	
The Grand .....	.55	1.00	1.85	Chinese White Celestial.....	.15	.25	.45	
Tip Top Nutmeg.....	.50	1.00	1.90	Early Scarlet Turnip.....	.15	.25	.40	
<b>MELON—Water.</b>				Early Scarlet Turnip, White Tip.....	.15	.25	.50	
Alabama Sweets .....	.30	.50	.90	Early Bird .....	.20	.35	.65	
Arkansas Traveler .....	.30	.60	1.10	Early White Turnip.....	.15	.25	.40	
Black Diamond .....	.25	.45	.85	Early Long Scarlet, S. T.....	.15	.25	.40	
Bradford .....	.30	.50	1.00	Early Scarlet, Olive Shape.....	.15	.25	.50	
Burrell's Improved Kleckley Sweets.....	.50	1.00	1.75	Extra Early Scarlet Globe.....	.15	.25	.50	
Chilian .....	.25	.50	.85	French Breakfast .....	.15	.25	.40	
Cuban Queen .....	.20	.35	.60	Golden Globe .....	.15	.25	.40	
Duke Jones .....	.15	.30	.50	Golden Yellow Oval.....	.20	.30	.60	
Florida Favorites .....	.40	.75	1.50	Half Long Deep Scarlet.....	.15	.25	.50	
Georgia Rattlesnake .....	.15	.30	.50	Long Black Spanish, Winter.....	.15	.25	.40	
Gilbert's Three Fold.....	.35	.60	1.00	Long White Vienna.....	.15	.25	.50	
Harris Earliest .....	.30	.50	.90	Long White Icicle.....	.15	.25	.50	
Halbert Honey .....	.50	.75	1.50	Long White Spanish.....	.15	.25	.40	
Improved Long Dixie.....	.25	.40	.75	Round Black Spanish.....	.15	.25	.40	
Improved Rattlesnake.....	.30	.60	1.15	Schwil's Radish Mixture.....	.20	.30	.60	
Jordan's Gray Monarch.....	.25	.45	.85	Yellow Summer Turnip.....	.15	.25	.40	
Kleckley Sweets .....	.50	.75	1.50					
Kolb Gem .....	.15	.25	.50	<b>SALSIFY.</b>				
Lem Green .....	.55	1.00	2.00	Mammoth Sandwich Island.....	.35	.65	1.25	
Lone Star .....	.20	.40	.75					
Monte Christo .....	.30	.50	.90	<b>SPINACH.</b>				
Mountain Sprout .....	.20	.30	.60	Bloomsdale Curled Savoy.....	\$0.25	\$1.00	\$3.00	
New National .....	.40	.75	1.50	Long Standing .....	.25	1.00	4.00	
Peerless .....	.20	.35	.60	Round Leaved Summer.....	.25	1.00	4.00	
Pride of Georgia.....	.20	.35	.60	New Victoria .....	.30	1.25	4.50	
Seminole .....	.20	.30	.50					
Sweetheart .....	.20	.30	.50	<b>SQUASH.</b>				
Triumph .....	.15	.30	.50	Early White Bush Patty Pan.....	¼ lb.	½ lb.	1 lb.	
				Giant Yellow Crookneck.....	\$0.30	\$0.50	\$0.75	
				Mammoth White Bush.....	.30	.60	1.10	
				Yellow Summer Crookneck.....	.30	.50	.90	
				<b>TOMATO.</b>				
				Acme, Early .....	.50	.75	1.60	
				Baltimore Queen .....	.75	1.25	2.50	
				Beauty .....	.50	.85	1.60	
				Beefsteak .....	1.00	2.00	3.00	
				Buckeye State .....	.65	1.25	2.00	
				Burpee's Earliest Pink.....	.75	1.25	2.75	
				Crimson Cushion .....	1.00	2.00	3.50	
				Dwarf Stone .....	1.00	2.00	3.25	
				Earliana .....	.75	1.50	2.50	
				Earlibell .....	2.50	4.50	8.50	
				Favorite .....	.50	.75	1.50	
				Imperial .....	.60	1.00	2.00	
				Landreth's Earliest .....	1.00	2.00	3.50	
				Matchless .....	.75	1.25	2.00	
				Magnus .....	.90	1.50	2.75	
				Perfection .....	.50	.75	1.50	
				Ponderosa .....	1.00	2.00	3.50	
				Stone .....	.75	1.25	2.50	
				Ten Ton .....	1.25	2.00	3.50	
				Trophy .....	.50	.80	1.60	
				Tucker's Favorite .....	.60	1.00	2.00	
				<b>TURNIP—White Flesh Varieties.</b>				
				Extra Early Purple Top Milan.....	1 lb.	5 lbs	10 lbs.	
				Early White Flat Dutch, S. L.....	\$0.50	\$2.40	\$4.50	
				Extra Early White Milan.....	.25	1.00	1.80	
				Extra Early White Egg.....	.60	2.75	5.00	
				Large White Globe.....	.35	1.25	2.25	
				Mammoth Purple Top White Globe.....	.25	1.00	1.80	
				Red Top White Globe, American.....	.35	1.25	2.50	
				Red or Purple Top, Strap Leaf.....	.50	2.00	3.50	
					.25	1.00	1.75	
				<b>TURNIP—Yellow Flesh Varieties.</b>				
				Golden Ball .....	.25	1.00	2.00	
				Large Amber Globe.....	.25	1.00	2.00	
				Yellow Aberdeen .....	.25	1.00	2.00	
				<b>TURNIP—Swede or Ruta Baga.</b>				
				Carter's Elephant .....	.40	1.50	2.75	
				Colossal .....	.40	1.50	2.75	
				Finest Yellow .....	.35	1.25	2.00	
				Imp. Am. Purple Top Yellow.....	.30	1.25	2.00	
				Sweet German .....	.30	1.25	2.25	

# SOME USEFUL HINTS WHAT AND WHEN TO PLANT

To grow good vegetables it is, of course, necessary to have good seeds, and have them properly planted, good soil, a thorough preparation and judicious cultivation.

## JANUARY.

**In the Garden**—Get the hotbeds ready and sow Cabbage, Tomatoes, Lettuce, Cauliflower, Egg Plants, Beets, Onions and Kohl Rabi. Sow Spring Turnips, Mustard, Spinach and Extra Early Peas.

## FEBRUARY.

**In the Garden**—Plant Extra Early and Marrowfat Peas. Plant Potatoes for a general crop. Sow Radishes, Turnips, Mustard, Spinach and Onion Seed in open ground. Sow in hotbeds Pepper, Egg Plant and Tomato Seeds. Plant Onion Sets. Plant your Sweet Peas in the flower garden now.

**In the Field**—Lawns should be looked after. Give a top dressing of bone meal. Sow Emerald Lawn Grass, Red Rust Proof and Burt Oats, and Grass Seeds; Canada Field Peas.

**In the Orchard**—Set out all kinds of Fruit Trees and other Nursery Stock.

## MARCH.

**In the Garden**—This is an active month in this section. Sow English Peas—the wrinkled varieties can now be planted. Sow outdoors Carrots, Parsley, Cabbage, Beets, Lettuce, Salsify, Parsnips, Leek and Onion Seeds. Early Corn can be planted about the 15th. Onion sets can yet be planted. This is also a good month for planting Potatoes. Put out Asparagus, Rhubarb and Horse Radish roots. Sow hardy kind of Flower Seeds, also Sweet Peas.

**In the Field**—Sow all sorts of Clover Seeds, Grasses and Oats; Lawn Grass Seed, Sorghum, Field Corn and Artichokes.

**In the Orchard**—Continue to set out Fruit Trees, Raspberry, Blackberry, Strawberry Plants.

## APRIL.

**In the Garden**—Sow Beets, Carrots, Lettuce, Parsley, Endive, Parsnips, Salsify, Radishes, Leek, Mustard, Turnips, Cress, Celery, Tomatoes, Cucumbers, Squash, Sweet Corn; in fact, almost everything can now be planted. Plant Bush Snap Beans. Potatoes can be planted. Do not fail to plant our Early Surprise Corn for roasting ears; it will please you. Plant Tuberose, Dahlia, Gladiolus and Canna Bulbs; Flower Seeds.

**In the Field**—Sow Mangel Wurzel and Sugar Beets for stock, Corn, Sorghum, Kaffir Corn, German Millet, Grass Seeds, Clovers and Artichokes.

## MAY.

**In the Garden**—Seeds of all kinds can now be planted. Bush Beans, Pole Beans, Lima Beans, Sugar Corn, Beets, Salsify, Parsnip, Squash, Cucumber, Okra, Cantaloupes, Watermelons, Pumpkins, Egg Plant, Peppers, Cress, Carrots, Lettuce, Endive and Kohl Rabi; Herbs of all sorts.

**In the Field**—Sow German and Hungarian Millet. Stock Peas, Sorghum, Chufas, Cotton, Corn, Peanuts, Pearl or Cat Tail Millet and Bermuda Grass. Put some Land Plaster on young Clover.

## JUNE.

**In the Garden**—Plant Sugar and other Early Corns, Cucumbers, Melons, Squash, Pumpkins; set out Sweet Potatoes, Egg and Pepper Plants. Sow Radishes, Endive, Collards and Cabbage for late use. Bunch Beans, Pole Beans. Tomato Seed for late use, Okra.

**In the Field**—Continue planting Field Corn, Soja Beans, Pearl Millet, Bermuda Grass, Stock Peas of all sorts, German and Hungarian Millet.

## JULY.

**In the Garden**—Plant Cucumbers, Tomatoes and Cabbage Seed for late crop, also Pole and Bush Beans, Corn for roasting ears. Commence sowing Ruta Bagas and a few Turnips. Plant Okra, Squash, Lettuce and Summer Radishes.

**In the Field**—Cow Peas, Millet, Hungarian; Sorghum and Field Corn can be planted. Sow Buckwheat for bees. Plant Potatoes for raising the second crop.

## AUGUST.

**In the Garden**—Now is the time to start for a fall garden. Sow Kale, Lettuce, Early and Winter Radishes, Turnips and

Ruta Bagas, Mustard, Beets, Parsley, Cucumbers, Squash, Collards and late Cabbages. Plant Potatoes for a second crop.

**In the Field**—German Millet can be sown as late as the 15th of the month. Sow some Crimson and Burr Clover, Dwarf Essex Rape for winter pasture.

## SEPTEMBER.

**In the Garden**—Sow Radishes, Corn Salad, Lettuce, Mustard, Kale, Spinach, Endive, Turnips of all sorts; Onion Seed for transplanting. Set out Shallots and Onion Sets.

**In the Field**—This should be an active month on the farm. Sow Crimson Clover as early as you can this month; all kinds Grass Seeds and Red Clover, Alfalfa and Burr Clover now. Sow Oregon Vetch, Rye, Barley and Winter Turf Oats.

## OCTOBER.

**In the Garden**—Sow Kale, Spinach, Corn Salad and Winter Radishes. Sow outside Cabbage for transplanting into cold frames next month. Lettuce in beds for winter use. Set out Shallots and Onion Sets.

**In the Field**—Continue to sow Rye, Barley, Winter Turf Oats and Wheat. Sow some Winter Hairy Vetches with Rye, all kinds of Grass Seeds for lawn and field. Timothy, Alfalfa, Burr and Red Clover and Oregon Vetch.

## NOVEMBER.

**In the Garden**—Shallots and Onions can be planted, and cover the rows with some fresh manure. Spinach and Corn Salad.

**In the Field**—The season is now drawing to a close. Sow as early in the month as possible Rye, Barley, Turf Oats, Wheat, Grass Seeds, Timothy and Clovers.

**In the Orchard**—This will be an active month, as November is the best month for planting all sorts of Nursery Stock. Apple, Pear, Peach, Cherry, Plum, Quince and all kinds of shade trees are now ready to set out.

## DECEMBER.

**In the Garden**—Very little can be done this month. Sow Cauliflower and Cabbage for spring use. Sow in frames some early forcing Radish, also Lettuce.

**In the Orchard**—Set out Fruit, Shade and Ornamental Trees of all kinds and Strawberry Plants.

## HOTBEDS.

The hotbed is made by forming a pile of horse manure with the straw used for bedding or leaves some 3 feet in height, and about 12' or 18 inches larger all around than the size of the frame to be used. Shake all together, so that the straw and manure will be equally mixed. It may be sunk in the ground a foot or 18 inches, or made on the surface. Place the frame on as soon as the bed is made, and fill in with about 5 or 6 inches of good mellow soil, keeping the frame closed for a few days until fermentation takes place and the soil is quite warm. It is better to wait a day or two after this and then sow the seeds. The frame can be constructed by any handy man at very small expense. It consists of a wooden frame, from 3 to 6 feet wide, and from 6 to 16 feet long, according to the supply of vegetables or flowers required. The back side should be at least 6 inches higher than the front—the frame subdivided by cross-bars and each division covered by a glazed sash. The frame should face the south or south-east. From the time the seed is sown, attention to airing and shading during the hot part of the day, and covering up at night, is essential, and also that the soil be never allowed to get dry. The watering should be done with a very fine rose watering pot, and with tepid water. The temperature at night may range from 55 to 65 degrees, and during the day from 70 to 80.

## COLD FRAMES.

A cold frame is so easy in construction and management as to be available to all. This is simply a hotbed frame with glazed sash, placed upon a bed of fine mellow earth, in some sheltered place in the garden. After the frame is secured in its place, a couple of inches of fine earth should be placed inside, and the frame closed up a day or two before the seeds are planted. As the cold frame depends upon the sun for its warmth, it must not be started as soon as the hotbed, and in this latitude the latter part of February is soon enough. Watering occasionally will be necessary, and air must be given in bright, warm days. Shade is also necessary.

# How to Make a Vegetable Garden

When laying out the garden have it sloping toward the south if possible, as such a location permits of earlier planting and will produce the earliest vegetables. Have the soil well enriched by applying a liberal dressing of well rotted manure, which should be applied the previous fall if possible. When sowing small seeds make the soil fine and level. With a hoe or pointed stick mark out rows 15 inches apart, making the furrow or drill from  $\frac{1}{2}$  to 1 inch in depth, varying in proportion to the size of the seed to be sown. Sow the seeds thinly in these drills, covering them with fine soil to a depth of about five times the diameter of the seed sown. When the soil is dry it should be well packed over the seed by using a small roller or by laying a board on the finished row and walking over it; this greatly assists the germination of most varieties of seed.

**Making Hills**—In making hills for vines or pole beans the soil should be removed to a depth of 5 inches and 12 inches in diameter.

Place a large shovelful of well rotted manure in the hole and cover with the soil removed from the hill. Plant the seeds to top of these hills and cover  $\frac{1}{2}$  inch deep.

**Cultivation**—To obtain the earliest and finest vegetables the soil must be kept fine and loose by frequent hoeings throughout the season, never allowing the soil to become hard or baked. Vines should not be disturbed after they begin to run, as the leaves act as a mulch to the soil.

Any weeds not destroyed by former cultivations should be removed by hand pulling. To have vegetables of the finest quality they should be gathered as soon as they reach sufficient size. The freshest and finest flavor of many vegetables is obtained by gathering early in the morning before they become wilted by the hot summer sun.



An Unsolicited Testimonial Showing a Garden Planted with Schwill's Dependable Seeds.

## CULTURAL INSTRUCTIONS

**Beans**—Bush Beans may be planted when danger of frost is past in rows 18 inches apart, either having single plants 6 inches apart or in hills 1 foot apart. For Bush Limas the hills should be at least 2 feet apart each way. Beans delight in warm, well enriched soil.

Plant every 2 weeks until the middle of July for a constant supply of tender young pods.

**Pole Beans**—When the trees are well out in leaf set stout poles 3 or 4 feet apart each way. Prepare the hills as directed in a preceding chapter, plant 6 to 8 beans around the base of each pole, covering 1 inch deep, and when well started thin out to the three best plants.

If the young plants do not cling to the poles they should be tied up with soft twine until well started. Lima Beans grow more readily if pushed into the soil edgewise with the eye down. Keeping the pods of all Beans picked as fast as they are formed will greatly prolong the bearing season.

**Peas**—Peas will do well in any good garden soil. It is quite possible by frequent sowing and by planting varieties which mature in succession to have peas throughout the season. Sow in drills 15 inches apart for dwarf varieties and 20 inches apart for tall sorts.

Keep the soil deeply and thoroughly cultivated during the whole growing period. The small round seed of the extra earlies may be sown as early in the spring as the soil can be prepared, but the wrinkled seed of the later varieties is more tender and should not be planted until the nights are quite warm. Peas should not be planted two years in succession on the same land.

**Sweet and Garden Corn**—Sweet Corn varies greatly in hardiness, earliness, size and sweetness. The early sorts grow only 3 to 5 feet high and may be planted when the trees are starting out in leaf in rows 3 feet apart, making the hills about 1 foot apart. The later and sweeter varieties are more tender and should not be planted until the trees are in full leaf or the seed will rot in the ground. Plant in rows 3 to 4 feet apart, making the hills  $2\frac{1}{2}$  to 3 feet apart in the row.

The ears should be gathered for use before the grains become hard.

Make plantings every two weeks to insure a continuous supply of tender, fresh ears.

**Beets, Carrots**—Sow the seed thinly in shallow drills,  $\frac{1}{2}$  to 1 inch deep, pressing the covering of fine soil firmly over the seed. When well started thin out to stand 6 inches apart

## CULTURAL INSTRUCTIONS—Continued

in the row. Give frequent cultivations to encourage the forming of smooth regular roots. Beets and carrots should be sown every two weeks until July to insure a constant supply of fresh, tender roots, as they are apt to become woody or coarse if old or large. Beets may be transplanted to other rows if the soil is moist.

**Cabbage, Cauliflower and Brussels Sprouts**—For early use the seed should be started in the house or hotbed. When the young plants are well started transplant so as to stand 3 inches apart each way. About the end of April they may be transplanted into the garden in rows 3 feet apart, setting the plants 18 inches apart each way. For late use sow the seed about the middle of May, in a finely prepared seed bed, later transplanting to rows 3 feet apart, setting the plants 2½ feet apart. The soil should be well enriched with manure, and the plants should be kept in strong growth by frequent cultivations. When the cauliflower begins to head, bend or tie the leaves over the head to protect them from the sun.

**Celery**—Sow the seed (which is slow to germinate), in shallow boxes indoors or in a finely prepared seed bed out of doors early in the spring. Do not cover the seed too deep and keep the soil moist, almost wet, until the seed germinates. When the young plants are well started transplant in shallow trenches 3 feet apart and 6 inches apart in the trench. Keep the plants well banked as soon as they are large enough and throughout the balance of the season. To insure crisp, well-blanching stalks bank up only when the soil is dry enough to crumble.

**Cucumbers, Cantaloupes and Bush Squashes**—Plant in hills from 4 to 6 feet apart each way. Prepare the hills as directed on a preceding page, planting from 10 to 20 seeds in each hill when danger from frost is over. Guard against the ravages of insects by dusting the young plants with fine Bug Death or Slug Shot early in the morning while the leaves are still wet with dew. When the young plants are well started thin out, leaving only the three strongest plants. Gather the fruit early in the morning as soon as they are ready for use to keep the vines bearing and to have them in the finest condition.

**Egg Plants and Peppers**—Start the seeds in a warm sunny window or hotbed early in March. When the nights are warm and danger from frost is over transplant in hills of well rotted manure 2 feet apart each way, and keep rapidly growing by frequent hoeings. These plants require rich soil and warm weather to make a strong quick growth.

**Kale**—Sow either in spring or fall broadcast at rate of 2 pounds per acre. Rake in seed after planting, then firm the soil well.

**Lettuce and Endive**—Fresh, tender Lettuce is one of the greatest delicacies of the garden and may be had throughout the season by making frequent sowings. Beginning early in the spring, small sowings should be made every two weeks. Sow in shallow drills 15 inches apart.

When the plants are well started thin out to stand 8 to 10 inches apart in the row. Keep the soil fine and loose so that the growth may be quick and the leaves crisp and mild in flavor.

**Onions**—Sow the seed thinly in drills 15 inches apart as early in the spring as the soil can be dug in loose condition. Keep free from weeds and when well started thin out to stand 3 inches apart in the rows. When the tops begin to die down, pull all the bulbs and let them dry in the sun several days to thoroughly ripen them, then cut off the tops and store them in open boxes or baskets in a cool dry place.

**Leeks**—These are grown and cultivated the same as directed for Onions except that the plants should stand from 4 to 6 inches apart in the row. In the fall when the plants are well grown fine soil should be drawn about each stalk to blanch them. The stalks are sliced for salads or cooked like onions; they are highly esteemed for their sweet flavor.

**Onion Sets**—For green onions plant sets in rows, dropping them every 2 inches and cover slightly. Do not put them in very deep. To grow large onions drop sets 4 inches apart in rows. Keep the ground well stirred. This is a very easy crop to grow.

**Okra**—Plant in rows first week in April, weather permitting, thin plants and let them stand 2 to 3 feet apart in the row. Cover seeds 2 inches.

**Mustard**—Plant in early spring and every 4 weeks for succession, also sow in fall, August and September; makes fine greens. Prepare the soil well and sow broadcast, covering the seeds only lightly.

**Parsnip**—Sow early in spring in drills 2 to 2½ feet apart, cover ½ inch deep and press the soil firmly over the seeds; cultivate often and thin plants to 4 or 5 to the foot.

**Parsley**—Sow in early spring or fall in drills 1 foot apart. Thin out or transplant 6 inches apart in the row. Parsley seed should be soaked for several hours in warm water; it will germinate better.

**Radishes**—These thrive best in light, rich, mellow soil, and to have mild radishes they must make a quick growth, that is, the soil should be kept loose and fine as deeply as possible by frequent hoeings. Make first sowings as early in the spring as the soil can be properly prepared.

Make successional plantings every week or ten days. Sow in drills 15 inches apart, thinning to stand 2 inches apart in the row. For the early sowing use the small extra early varieties. Later in the season the summer varieties should be sown, and in July sowings of the winter varieties may be made. Gather while young and tender and just before needed for the table.

**Salsify**—Sow seed in light deep soil early in spring, or it can be planted any time during the summer if you get seasonable rains, in drills 12 inches apart and 1 inch deep. Thin out the young plants to 6 inches. Salsify will stand all winters in this climate.

**Spinach**—For spring or summer use plant either broadcast or in drills as soon as the ground can be worked, and every two weeks for succession. Sow in drills and thin out; cover seeds 1 inch in planting. For winter or early spring use, sow as soon as we get seasonable rains in well manured ground. Fall plantings are generally made broadcast. Cover with straw on the approach of cold weather.

**Squashes and Pumpkins**—Plant the seed in well manured hills 10 feet apart each way when danger of frost is over, usually about the middle of May. Protect against insects as directed for cucumbers. Give frequent cultivations and keep free from weeds until there is danger of injuring the vines. Pumpkins do quite well when planted in every fourth hill in every fourth row of corn.

Gather on approach of frost and store in a warm dry place.

**Tomatoes**—For early use start the seed in hotbeds or in a warm sunny window in March. When the plants are getting the second pair of leaves they should be transplanted to stand 2 inches apart each way.

When the trees are well out in leaf set out in rich soil in the garden 3 to 4 feet apart each way. Hoe frequently to keep them growing rapidly.

The fruits will ripen earlier and be finest flavored if the vines are supported on a trellis.

**Turnips and Ruta Bagas**—For fall use sow seed of turnips in July in drills ½ inch deep and 16 inches apart. When the young plants are well started thin out to stand 6 to 8 inches apart. Cultivate frequently until the tops become too large. Ruta Bagas may be grown in the same manner, but requiring a longer growing season, they should be sown in June.

Turnips may also be sown broadcast in corn at the last cultivation. For spring use sow in February and March broadcast, covering seeds lightly. Good well manured ground will make quick greens and turnips.

**Watermelons**—Watermelons delight in a light sandy soil. Plant when danger from frost is over in hills 8 to 10 feet apart each way. Put from 10 to 15 seeds in each hill and when well started thin out to the three best plants. Guard against insects as directed for Cucumbers, cultivate frequently and keep free from weeds. After the vines start to run be careful not to injure or bruise them in any way, as they are quite tender. If very large fruits are desired remove all but one from each vine.

**Flower Seeds**—Most flower seeds germinate well in a rather light sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds germinate better when planted in early spring, as soon as the soil can be worked fairly easily, March and April.

# Novelties and Specialties for 1909

## DEPENDABLE FARM AND GARDEN SEEDS

As it is customary with most seedsmen to list the novelties and varieties of special merit in a separate department, we devote a few pages to the new things in Vegetable and Flower Seeds and Plants.

This department is usually the most interesting to customers, as a good gardener likes to test and carefully note the development of a new variety, that may prove distinct and better than the old favorites among the standard varieties.

Most varieties have been carefully tested in our trials, or obtained from such reliable sources that we can recommend them as worthy of a trial by our patrons and we feel sure that they will give satisfaction.

On all seeds in packets and ounces the purchaser is entitled to select 25c worth extra for each dollar's worth ordered.

**Cash Corn**—Sure road to wealth, a Southern corn, raised in the South, and especially adapted to the South. This splendid new corn comes from one of our Mississippi friends in Lafayette county, and is highly recommended. A thoroughbred variety of field corn. Maturing early, it can be planted as late as June 30, and will mature a full crop. Stalks grow tall and produce from 2 to 6 medium size ears each. Cash Corn makes the finest white meal and never fails to yield a big crop. It is well named. Take our word for it you will be more than satisfied with Cash Corn. Ears fill out to the very tips with a fine white grain and it stands all kinds of weather conditions. It is much superior to the Carolina Wonder and other corns of this class, in that it is more productive, matures earlier and grain not so flinty. A Southern bred corn that will suit you in every respect. You can take our word for it. Cash Corn is the best early prolific field corn that we have ever tried. Order early; seed stock limited. **Qt., 50c, postage paid; by freight or express, pkt., 15c; 4 qts., \$1.00; pk., \$1.50; bu., \$4.50.**



Cash Corn.

### Pure Bone Meal Fertilizer

One of the best and most lasting fertilizers. Good for most all crops, grasses, clovers; also fruit trees will respond to its use. 50 lb. sack, \$1.50; 125 lb. sack, \$3.00.

### Nitrate of Soda

Should be used in all composts for applying to cotton. Will mature the crop earlier and more uniform. Send for pamphlet on nitrates, its uses and benefits to cotton crop.

Price of Nitrate of Soda, 100 lbs. \$4.50; ton, \$70.

### IMPROVED COTTON SEED.

Plant thoroughbred and selected cotton seed. Makes more per acre, turns out more lint per 100 pounds and commands a higher price in the market by \$3.00 per 100 pounds than ordinary cotton. See page 61 for best varieties of Tennessee raised cotton seeds.

**The Improved Black Jack Cotton**—This new cotton originated with Dr. E. C. Hydrick, Watson, Ark., and is the result of crossing the original Black Jack cotton on the Davis, and after four years of careful selection and growing has made one of the best all-round cottons of today. The Improved Black Jack is easily picked, yet storm proof; 1,500 pounds of seed cotton will make 500 pounds lint,  $1\frac{1}{16}$  to  $1\frac{3}{8}$  inch staple, according to soil and season. It is superior to either Davis or Allen's, being much more productive, easier picked, and you can get no better staple. We have seed direct from the originator. Price of seed: **Pk., \$1.25; bu., \$4.00; 2 bu. bag, \$7.00; 5 bu., \$15.00.**

**Improved Triumph Cotton**—An early big boll cotton. 46 bolls will make one pound of seed cotton; earlier than most big boll varieties, making it boll weevil proof. Seed raised in this county has proven resistant against the pest, as they bloom and set fruit before the weevil makes its appearance. Triumph Cotton has given universal satisfaction in regions infected with the boll weevil, and is therefore much in demand. Seed fuzzy, brownish and greenish white, storm resistant, the big bolls are easily picked. Triumph is a short staple, but of good texture and length. It will turn out 39 to 40 per cent lint at the gin. **Bu., \$1.50; 5 bu., \$7.00; 10 bu., \$12.50.**



Improved Triumph Big Boll Cotton.



Improved Black Jack Long Staple Cotton.

### NEW BEET.

**Mitchell's Perfection**—One of the best red turnip shaped varieties. Has small upright tops, splendid shape. Color of skin, dark blood red; flesh, deep bright red, very crisp, tender and sweet. Matures early and at the same time keeps well. **Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.**

## FOUR NEW BEANS.

**Full Measure**—This outranks any other Bush or Snap Bean so far introduced. In quality it is the best, and in productiveness it will more than double any other variety. Plants of healthy, vigorous growth, very branching and productive. The pods are 5 to 6 inches long, round, nearly straight, green in color, very brittle and fine in quality. It is a valuable sort for the home garden or market. Pkt., 10c; ½ pt., 20c; pt., 35c; qt., 60c. Postage paid.

**Burpee's Stringless White Wax**—Of sturdy, upright growth, the bushes are heavily laden with a magnificent crop of large, handsome wax pods. The pods are straight, of a bright lemon-yellow, brittle, meaty, and entirely stringless at all stages of growth. Pkt., 10c; ½ pt., 20c; pt., 35c; qt., 60c. Postage paid.

**New Hardy Wax Bean**—This comparatively new wax podded bean is medium early, hardy and very prolific. Pods are long, straight, round, fleshy and of a bright yellow color; tender, absolutely stringless and of excellent quality, they are produced during a long season. Pkt., 10c; ½ pt., 20c; pt., 35c; qt., 60c. Postage paid.

**New Scotia Pole Bean**—An extraordinary pole Snap Bean, surpassing anything ever seen in our section—bearing profusely, and continuing until frost. The handsome green pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long, perfectly stringless, thick meated, rich and buttery. It continues in bearing so long it might be called "Everbearing." Its strong points are: First—it produces twice as many string beans from the same ground as any bush kind. Second—grows in clusters; takes no time at all to gather a bushel; no stooping. Third—specially adapted to growing on corn, thus economizing space on valuable land, or where poles are scarce. Pkt., 10c; ½ pt., 20c; pt., 35c; qt., 60c.



New Scotia Pole Beans.

## TWO NEW SWEET CORNS.

**Golden Bantam**—A very early variety. The ears are but medium size, but are thickly set with delicious yellow kernels. The quality of this variety is superb, and it has become a general favorite early sweet corn with all who have tried it. Pkt., 10c; pt., 20c; qt., 35c, postpaid; by express or freight, ½ pk., 75c; pk., \$1.25.

**Banana Cream**—A valuable new second early sweet corn. The ears grow of a tremendous size, measuring 8 to 10 inches long, and having 10 to 11 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. Pkt., 10c; pt., 20c; qt., 35c, postage paid; by freight, ½ pk., 60c; pk., \$1.00.



Schwill's Frost-Proof Large Drumhead Cabbage.

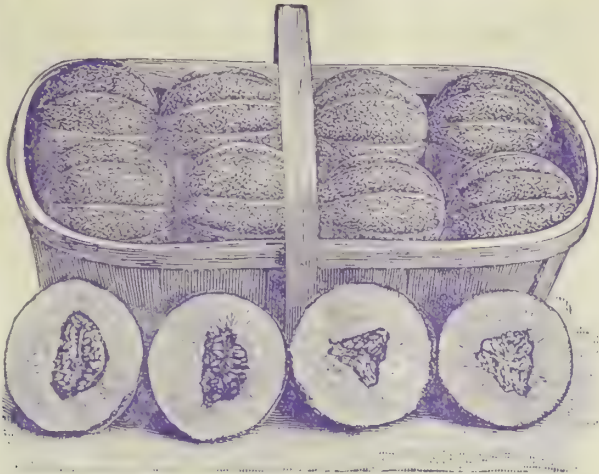
**Schwill's Frost-Proof Large Drumhead Cabbage**—A sort which stands out in the open fields all winter without the slightest protection. It is by far the hardiest of any cabbage grown. Frost-Proof has a short stem and makes a deep blue and wide leaf, making a broad, flat, hard head, all very uniform in size. Pkt., 10c; ½ oz., 25c; 1 oz., 50c; 2 oz., 85c; ¼ lb., \$1.25. Postage paid.



Full Measure Bush Beans.

**Florida High Bush Egg Plant**—Grows tall and branching freely, holding its numerous fruits well above ground. Fruit very large, 20 inches in circumference, and superb quality and extra early, bearing for a long season and keeping well. In all round good points it is a wonder and one of the finest vegetable novelties in a long time. Pkt., 15c; ½ oz., 60c; oz., \$1.00.





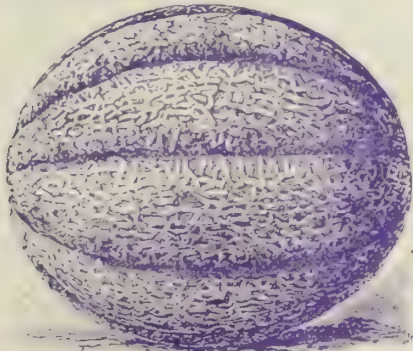
Selected Netted Rock Cantaloupe.

FOUR DESIRABLE CANTALOUPE.

**Selected Netted Rock Cantaloupe**—This is of the celebrated "Pollock" strain of the Rockyford Muskmelon. It is nearly round in shape, very heavily netted and very slightly ribbed with the netting covering the grooved portion. It is sometimes called the "Solid Net." The flesh is extremely thick and the seed cavity is marvelously small, making it a very meaty, heavy melon for its size. The flesh is deliciously sweet and of very fine texture, being the same in this respect as the best strain of Rockyford. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 65c; 1 lb., \$2.50.

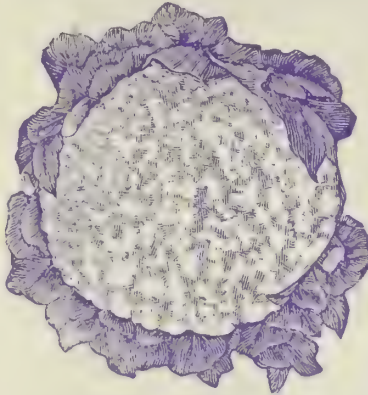
**Burrell's Thoroughbred Rockyford Cantaloupe**—This seed is the finest possible selection. Every melon is passed upon for the points which make an ideal melon. (1) They must be of proper size and weight. (2) Netting light gray, and closely laced. (3) Blossom end well protected by a button. (4) Ten distinct ribs of equal width. (5) No netting across the space between the ribs. (6) Space between the ribs well defined from stem to blossom button, but not so wide as to weaken the melon. (7) Flesh light green. (8) Flesh deep, leaving a small seed cavity. (9) Flesh fine grained and firm. (10) Each melon a first-class shipper in every way. Pkt., 5c; oz., 20c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50.

**The Grand Cantaloupe**—This is a very fine melon with salmon-colored flesh, very thick meat and ripens evenly. These melons are of a peculiar rich green color on the outside, slightly ribbed and netted. It has a very vigorous vine with the fruit setting near the root and therefore resisting disease more than most other sorts. It is just the right size, averaging about 6 inches in diameter. The "Grand," owing to its uniform size, its uniformly rich thick salmon-colored flesh, makes it one of the most favorable salmon-colored fleshed fruits for the market ever offered. Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 60c; 1 lb., \$2.00, by mail postpaid.



Burrell's Thoroughbred Rocky Ford Cantaloupe.

**Burrell Gem Cantaloupe**—An ideal market melon, shape elongated, meat of a reddish orange, very thick, fine grained and spicy. Seed cavity small, average weight 2¼ lbs., length 6 inches, and the thickness 4¼ inches; has a tough, thin rind, well arched, ribs covered with a closely laced and interlaced gray netting. It has delicious flavor, is different from the others, has golden meat and lots of it, has no equal in the melon line and is absolutely the finest grown. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00.



Danish Giant Cauliflower.



Columbian Celery.

**Danish Giant Cauliflower**—A new variety of Cauliflower, especially adapted for sections subjected to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. It will prove valuable for growing in the Southern States, where the climate is hot and long seasons of dry weather are experienced. Pkt., 15c; ¼ oz., \$1.00; 1 oz., \$3.00.

**Columbian Celery**—A fine golden dwarf celery. The heart is large, surrounded by a shapely solid stalk. After storing the heart blanches a beautiful golden, is unsurpassed in quality and is so large that little trimming is required for market. In many celery growing sections this variety is planted almost exclusively. Pkt., 10c; ½ oz., 30c; oz., 50c.

Quality First Prices Next

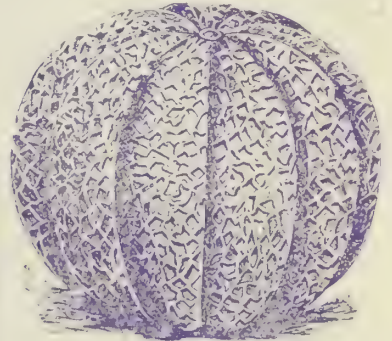
We offer you the best seeds first and ask a comparison of prices.

Nitrate of Soda

Is just the thing to put on lettuce as a top dressing when the plants are about three inches high. It stimulates the growth and makes the lettuce crisp and tender.

Gardener

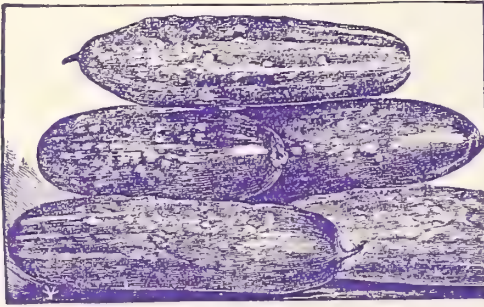
Do you want something early in corn—something that will come in ahead of anything else in the way of a roasting ear? Then try the New Early Surprise Corn this season.



The Grand Cantaloupe.



Burrell's Gem Cantaloupe.



Davis Perfect Cucumber.

## TWO NEW CUCUMBERS.

**Garden Gem Cucumber**—Beautiful in shape and color, and of the finest quality. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh. An entirely new and distinct sort developed through very careful selection, our aim being to secure the best possible table cucumber. The vine is vigorous and productive, and comes into full bearing early. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50.

**Davis' Perfect Cucumber**—A fine new variety for both outdoor use and forcing. It is a most carefully selected strain of extra long white spine type made by a veteran cucumber grower. The fruit grows 11 to 12 inches long on an average, slightly pointed, a dark, glossy green color, which they keep until ripe, then turning white. In quality it is very tender, brittle and of fine flavor. A very vigorous grower, withstanding blight better than most sorts. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50.

## THREE FINE VARIETIES OF LETTUCE.

**Schwill's Largest of All Lettuce**—Immense heads, 3 to 4 pounds, compact, solid, almost like a cabbage. Inner leaves blanched to a pure golden yellow, crisp, tender and finest quality. Pkt., 10c; ¼ oz., 15c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., \$1.25.

**Memphii Lettuce**—A fine new sort, with heads 18 inches in diameter and weighing nearly 4 pounds; nearly as large as a summer cabbage; one of the best for summer use. Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c.

**Schwill's Market Lettuce**—This variety is rapidly growing in favor among the market gardeners, who find it a valuable sort for growing either in cold frame or in the open ground. It is remarkable for its character of forming close, hard heads, even at an early stage of growth. Color, yellowish green, quality very fine, being crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 60c; 1 lb., \$2.00.



Schwill's Largest of All Lettuce.

Hazen, Ark., Nov. 15, 1908.

Otto Schwill &amp; Co., Memphis, Tenn.

Gentlemen—Your Garden Seeds are the best I ever planted. Mail your 1909 catalogue when ready. Respectfully,

SAM'L H. TOLL.

## THREE NEW EARLY PEAS.

**Pedigree Market Alaska**—A special market gardeners' stock. This is a true type made from selection and careful cultivation by one of our best growers. The pods are larger, darker, green and are better than the ordinary stock. We can thoroughly recommend this special stock to our trade. Stock is limited this season, so send in your orders early. Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c, postage paid; by freight, pk., \$2.50; bu., \$8.50.

**Early Morning**—A New, Extra-Early Pea, resembling Alaska in general habit, a little longer vine (3 feet), and not quite so early, but with larger pods. Handsomely shaped; uniform in ripening and of excellent quality. A splendid pea for the South. Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c; pk., \$1.75; bu., \$6.50.

**Early Prize**—A very prolific new wrinkled Pea. This excellent variety is a cross between the old Tom Thumb and McLean's Advancer. It is much larger than the Tom Thumb; producing vines 18 inches high; and earlier than the Advancer. The vines are vigorous and upright in growth; hardy and very productive. The pods are 3 inches long and well filled with large, rich peas of most delicious marrow-like flavor. A very desirable sort for the home garden or market. Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c; pk., \$1.75; bu., \$6.50.



Neapolitan Sweet Pepper.

**New Neapolitan Pepper**—A great market gardener's variety, 2 weeks earlier than the Bull Nose or Ruby King. It is of good size, mild flavor, and the plants are of strong stocky growth. The flesh is quite thick, and the fruit, which is borne in great profusion, turns a beautiful red color when ripe. Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

## THREE BEST RADISHES.

**New Early Bird Radish**—Market gardeners' improved strain. It makes a small top and forms bright round scarlet roots, which are of the very finest quality, always mild and crisp. Sown in the open ground in early spring will produce beautiful radishes in 21 days. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c.

**Icicle Radish**—This new white radish grows with remarkable rapidity and is valuable for forcing as well as for open ground. The radishes are long, straight, pure white, and about the same size nearly the whole length. The quality of this radish is very fine, even when of large size. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**Extra Early Scarlet Globe**—A very early globe-shaped radish, suitable for forcing or open ground. The radishes are of handsome shape, attractive, bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. We highly recommend this variety for market and home use. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**NEW SPINACH.**

**Victoria**—In this new Spinach we have a large growing variety of the best quality that withstands hot weather longer than any other sort. By its use the Spinach season may be lengthened a whole month. We anticipate great popularity for it, as it is not only long standing, but is also superior in quality and size to all other kinds. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.



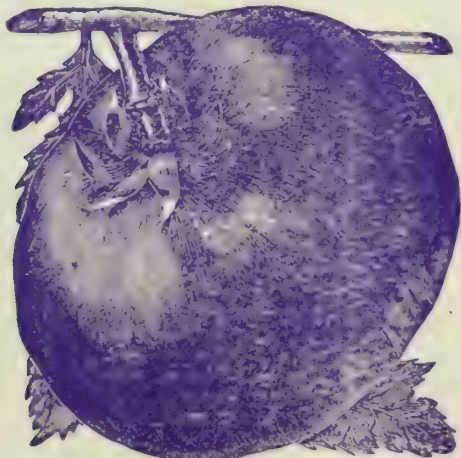
**Earlibell Tomato.**

**NEW TOMATOES.**

**Hummer**—An early red tomato, round as a ball. Has the least indenture about the stem of any variety, saving all waste in preparing it for use. Of just the right size and shape for shipping. For the private garden does especially well grown on stakes or trellises. Always smooth, a great producer, quality good and an excellent keeper. A good shipper and sells well in those markets demanding a red tomato. Pkt., 10c; ½ oz., 40c; oz., 75c; 1 lb., \$10.00.

**Plentiful**—The best main crop tomato ever put on the market. In addition to its very large size, it is also smooth and uniform. The tomatoes are borne in clusters of 6 to 8 immense fruits. The color is that pinkish shade so much admired. Pkt., 5c; ½ oz., 20c; oz., 40c; 2 oz., 70c.

**Livingston's New Coreless Tomato**—In shape it is almost round, being of about the same diameter each way. It is immensely productive, clusters of 4 to 7 fruits are produced at 6 to 8 inches apart along the stem. All of the fruits are of marketable size, and many of them are quite large, 12 to 15 ounces; always free from green core; ripens all over and through and right up under the stem, all at once. A grand, good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh. Pkt., 10c; ½ oz., 50c; oz., \$1.00.



**New Coreless Tomato.**

**The Earlibell**—This is a very productive variety, ripens as early as Spark's Earliana, but is much more desirable for home or truckers' use, as the fruits are thicker through and more solid. The plants are of healthy growth and the tomatoes are borne in large clusters. Color bright scarlet and good quality. Our gardeners were highly pleased with Earlibell; it is early, of good quality and size. Pkt., 10c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.25; 2 oz., \$2.00.

**Landreth's Earliest**—One of the very best extra early sorts. A vigorous grower, productive; fruit smooth, fine rich scarlet in color. Pkt., 5c; ½ oz., 25c; oz., 50c; 2 oz., 85c; ¼ lb., \$1.50.



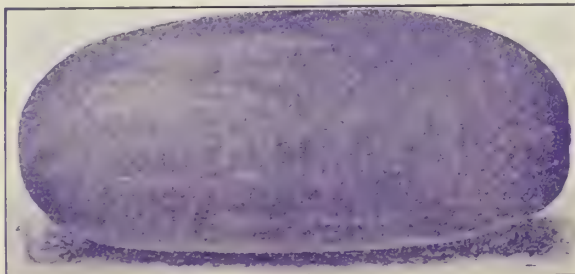
**New Hummer Tomato.**

**Schwill's Ten Ton Tomato**—This great tomato is well named. The color is a rich, cardinal red. The skin is so tough that it is a splendid keeper and shipper, and is less liable to crack in wet weather than any other large tomato. Unsurpassed for market or for table. The plant is a strong grower, and is very productive. The fruit is free from core, and the seed spaces are small. The leaves are of a rich, dark green color, and very luxuriant, indicating great vigor, and giving the plant ability to produce fruit of the largest size throughout the entire season. It stands at the front as a large, bright red, main crop sort. Pkt., 10c; ½ oz., 35c; 1 oz., 60c; 2 oz., \$1.00.

**TWO GOOD WATERMELONS.**

**New Lem Green Watermelon**—For earliness, richness of quality, fine form, beautiful color and great prolificness, there is no melon extant today approaching same. It is extremely early and the fruit has a tendency of setting right near the stalk. The vines branch freely, but are not long, and bloom at once, setting fruit at once and ripening same earlier than any other melon grown. Fruit is of large size, oblong in form, with dark green skin. Very thin rind, which is quite brittle, splitting ahead of the knife when a fully ripe melon is cut. Flesh bright scarlet, with broad solid heart. Flesh crisp, sugary, and melting in the highest degree, entirely free from any stringiness. The melons average 18 to 20 inches in length by 10 to 12 inches in diameter; of handsome appearance and most uniformly superior quality. Its quality is simply perfection. Pkt., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.25.

**Burrell's Improved Kleckley Sweets**—A select and improved stock of this fine variety, from one of our best growers, and claimed to grow larger and more uniform than the ordinary strain. Pkt., 5c; oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$2.00.



**Lem Green Watermelon.**



## Sweet Peas

Of late years Sweet Peas have been greatly improved in type, size of flowers and beauty of colors, adding very much to their popularity. The Spencer or Orchard flowering type has appeared in many new shades, outclassing some of the standard sorts of similar colors by their large, bold and wavy flowers. The blooms, often measuring 2 inches across, are borne 3 and 4 on long, stiff stems. We have discarded many of the older varieties, to give place to the new and larger flowering sorts of similar colors, and the list offered below we can recommend with every confidence.

Schwill's Superb Sweet Peas.

**Culture Directions:** Sow in the spring as soon as the ground can be prepared in a deep, rich soil and for succession until the middle of April. Open a drill 4 to 5 inches deep, and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed.

**Schwill's Superb Mixed Sweet Peas**—This superb mixture is blended by us with extraordinary care from named varieties of the most approved large flowering type, including recent American and European novelties, as well as a great many new Hybrids as yet unnamed, insuring a gorgeous color effect. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 75c.

**Eckford Royal Mixture**—This mixture contains over 30 kinds, including novelties of 1908 and other choice varieties. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00.

**Choice Mixed**—A well proportioned mixture of about 25 good varieties. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 50c.

## Named Varieties Sweet Peas

### GIVEN IN COLORS

Price, any kind: Pkt., 5c; 3 pkts., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c, postage paid.

### WHITE.

Dorothy Eckford—Fine pure white.  
Emily Henderson—Large clear white.  
Blanche Burpee—Standard white.  
White Wonder—Pure white, very large.

### LIGHT BLUSH.

Dainty—White, with pink edge.  
Modesty—A delicate shade blush.

### CREAM OR LIGHT YELLOW.

Hon. Mrs. E. Kenyon—Beautiful primrose.  
Stella Morse—Cream and apricot.  
Marchioness of Chalmody—Cream and pink.  
Mrs. Eckford—Primrose yellow.

### BEST PINKS.

Lovely—Soft shell pink.  
Katherine Tracy—Very light pink.  
Janet Scott—New rich pink.  
Jeannie Gordon—Creamy pink.  
Bolton's Pink—Crimson pink.

### CLARET AND MAROON.

Othello—A deep maroon.  
Shadaza—Dark purple maroon.  
Stanley—Darkest maroon. Dorothy Tennant.

### ROSE.

Majestic—Fine deep rose color.  
Mrs. Dugdale—Rose and primrose.  
Prince of Wales—Deep rose tint.

### LAVENDER AND LIGHT BLUE.

Countess of Radnor—Light lavender.  
Lady Grisel Hamilton—Silver lavender.  
Mrs. Geo. Higginson—A sky blue.  
Helen Pierce—Clearest light blue.

### RED AND SCARLET.

Coccinea—Bright cherry red.  
Salopian—The finest scarlet.

### BLUE AND PURPLE.

Duke of Westminster—Deep purple.  
David R. Williamson—Indigo blue.  
Mrs. Walter Wright—Mauve blue.  
Navy Blue—A clear blue.

### PINK AND WHITE.

Earliest of All—Rosy pink and white.  
Extra Early Blanche Ferry—Pink and white.

### ORANGE AND SALMON.

Gorgeous—Deep salmon orange.  
Hon. F. Bouverie—Pinkish salmon.  
Henry Eckford—Deep orange salmon.

### STRIPED AND VARIEGATED.

America—Striped red and white.  
Lottie Eckford—White and blue.  
Cupid Sweet Peas—Compact, dwarf plants, not over 6 inches high; mixed colors. Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

### THE PRIZE WINNING SWEET PEAS.

The following 17 splendid varieties were awarded the grand prize at the Flower Show held in Boston the past season. They are the very best new and desirable sorts. You won't make a mistake in ordering this collection:

Admiration—A delicate shade of rosy lavender.  
Apple Blossom—Shaded soft rose on silvery white.  
Countess Spencer—Simply exquisite, soft rich pink.  
Enchantment—Richest shade of cream pink; exquisite.  
Flora Norton—Rich lavender, large flowers, fine form.  
Geo. Herbert—A fiery scarlet, self colored; superb flower.  
John Ingman—Deep crimson rose; wings rosy pink.  
Helen Lewis—Intense rich crimson orange; excellent.  
King Edward VII.—The brightest red; very large in size.  
Lord Nelson—New; one of the finest pinks; immense blooms.  
Miss Wilmott—Richest orange shade rose, wings orange pink.  
Mrs. Alfred Watkins—A beautiful shade of clearest pink.  
Paradise—Spencer type, beautiful bright pink.  
Prima Donna—Brightest blush pink; large flowers.  
Queen of Spain—Free flowering, a delicate peach pink.  
Queen Alexandra—Intense, dazzling scarlet, bold flower.  
Shasta—The largest and finest white, immense flower.

Each variety a rare beauty. They are the best of their color among the many named Sweet Peas.

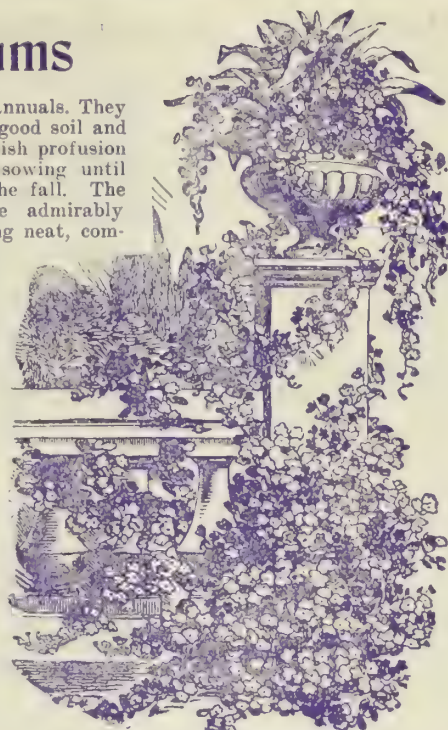
Price any of the above 17 new Sweet Peas, 5c per pkt.; 6 pkts., 25c, or the whole 17 varieties, 1 pkt. each, for 60c; in bulk 25c per oz., 60c per ¼ lb., \$2.00 per lb.



**Exquisite Dwarf Nasturtium.**

# Nasturtiums

Beautiful free flowering annuals. They succeed best in a moderate good soil and produce their flowers in lavish profusion from 3 to 4 weeks after sowing until frost cuts them down in the fall. The Tom Thumb varieties are admirably adapted for bedding, forming neat, compact and bushy plants. The climbing sort grow to considerable height, but will need some attention in the way of tying, as they do not readily cling to supports. Naturally ramblers, they



**Giant Climbing Nasturtium.**

are suited for covering stumps, trellises, rockeries, low fences, etc. Nasturtiums have been greatly improved in the past few years, both in size of blossoms and variety of colors. We call particular attention to our mixtures of Giant Flowering sorts, in praise of which we received a large number of unsolicited testimonials.

Sow the seed an inch deep and then thin seedlings to 10 or 12 inches apart.

## TALL OR CLIMBING VARIETIES.

**Nasturtiums, New Giant Climbing**—These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. The flowers measure  $3\frac{1}{4}$  to  $3\frac{1}{2}$  inches in diameter, the petals  $1\frac{1}{4}$  inches across. A fancy mixture of most beautiful colors. Pkt., 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Nasturtiums, Tall Mixed**—A brilliant, effective mixture. Pkt., 3c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., \$1.00.

## TALL, SEPARATE COLORS.

Price: Pkt., 5c; oz., 20c.

- Edward Otto—Brownish lilac.
- King Theodore—Very dark crimson.
- Orange—Very bright orange color.
- Pearl—Clear pearl color.
- Rose—Clear rose shade.
- Scarlet—Intense scarlet flower.
- Scheuerianum—Striped, beautiful shading.
- Tall Prince Henry—Light yellow and scarlet.

## DWARF OR TOM THUMB VARIETIES.

**Exquisite Dwarf Mixed**—A magnificent strain, containing countless shades, colors, stripes, blotches and veinings. Many of the beautiful shadings, fine form and large size are to be found only in our exquisite mixture. Pkt., 5c; oz., 15c; 2 oz., 25c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.25.

**Dwarf Mixed**—In this will be found varieties of both light and dark-colored foliage. Pkt., 3c; oz., 10c; 2 oz., 15c;  $\frac{1}{4}$  lb., 25c; 1 lb., \$1.00.

## DWARF NASTURTIIUMS, SEPARATE COLORS.

Price: Pkt., 5c; oz., 20c.

- Aurora—Reddish orange, veined carmine.
- Bronze Colored—A beautiful shade of bronze.
- Crystal Palace Gem—Yellow and carmine.
- Empress of India—Deep crimson, fine dark foliage.
- Golden King—Golden yellow, beautiful.
- King of Tom Thumbs—Finest scarlet color.
- King Theodore—Deep velvety maroon.
- Lady Bird—Yellow and red.
- Prince Henry—Light yellow, marbled scarlet.
- Ruly King—Very dark red.
- Cloth of Gold—Yellow leaves, scarlet flowers.

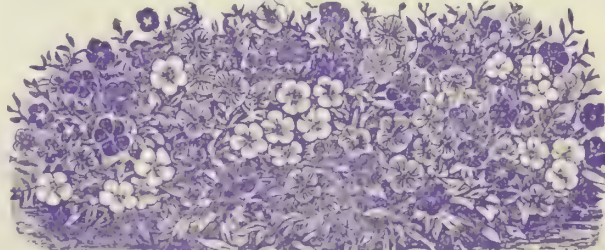
## LILLIPUT NASTURTIIUM.

**Lilliput**—A grand new class. Plants smaller in every respect than the well-known Tom Thumb class. The many small flowers of varied charming colors are borne well above the foliage; leaves small and round; for beds and borders they are preferable to the Tom Thumb class on account of compactness, a greater range of colors and shades, and because of great quantity of bloom above foliage. Many colors mixed. Pkt., 5c; oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 70c.

**Ivy-Leaved Trailing Nasturtiums**—This is a most distinct variety, both in flower and foliage. The plants are of very sturdy, running growth, and the leaves, which are of a deep green, veined with silvery-white and star-like, resemble the hardy English Ivy. The flowers are intense glowing scarlet, and most distinct in form, the petals being finely feathered. Especially graceful in hanging baskets, window boxes and vases. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 30c.

**Madame Gunter's Hybrid Nasturtiums**—Flowers are striped or blotched with shades of red on yellow and orange ground, forming a combination of exceeding brilliancy and beauty. About 4 feet high. Half hardy annual. Pkt., 5c; oz., 25c.

**Chameleon Nasturtiums**—When a plant of this novel sort is in full bloom, one can find upon it flowers of almost every shade of color and form of marking known to nasturtiums. No matter what color a flower may be when it opens, it is continually changing from day to day. A very attractive strain. Dwarf Chameleon, pkt., 5c; Tall Chameleon, pkt., 5c.



**Lilliput Nasturtium.**

## SCHWILL'S STAR COLLECTION.

Twelve papers Assorted Flower Seeds for only 25c. We will send, postpaid, to any address, one paper each of the following seed upon receipt of price:

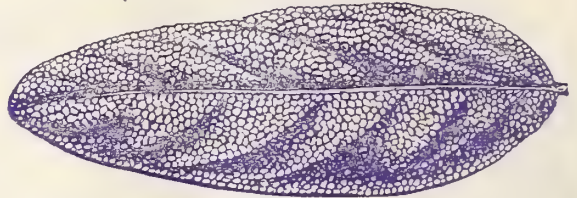
- |                      |                    |
|----------------------|--------------------|
| Asters, Mixed.       | Petunia, Mixed.    |
| Cypress Vine, Mixed. | Phlox, Mixed.      |
| Mignonette, Sweet.   | Poppy, Mixed.      |
| Nasturtium, Mixed.   | Sweet Alyssum.     |
| Pansy, Mixed.        | Sweet Peas, Mixed. |
| Pink, Mixed.         | Verbena, Mixed.    |

## Blackberries, Strawberries, Etc.

**Blower Blackberry**—Its enormous berries, solid and delicious, especially adapt it for shipping; its extreme hardness particularly adapts it to all manner of climates. The berry is very large, sweet, juicy, and of delicious flavor. Then, as to productiveness—it is simply productiveness itself; indeed, so early does it begin and so long does it remain bearing its giant fruit, that some have suggested the name. Vines grow 14 feet and bear to the very top. Each, 20c; 3 for 40c; 10 for \$1.00.

**The New Logan Berry**—That wizard Burbank gave to the world this splendid novelty: a thornless Blackberry-Raspberry; the hardest of all berries known. Most remarkable fruit ever offered. Hardy as a rock; stands driest weather; fruits in poorest soil and where all other fruit fails. A hybrid between a raspberry and blackberry; as large as the largest blackberry; rich, dark purplish red; of most delightful new flavor of surprising quality. In the East it ripens its fruits in June, before all other raspberries; brings four times the price of other berries. Bears fruit the first year planted; thornless and insect-proof. Each, 25c; 3 for 50c; 10 for \$1.25.

**The Eaton Raspberry**—A new berry of great merit. It is the most hardy and vigorous of all raspberries, often growing 8 to 10 feet in a season, and standing any degree of frost and drouth. We know of no variety that can compare with it at all. The berries are large, dark red, firm as to texture, with an agreeable, pure, rich flavor, which is brought to its highest perfection when canned or cooked. The most prolific of any berry known, the fruit fairly hanging in masses. A row or hedge of it is a sight to behold. Plants, each, 20c; 3 for 50c; 10 for \$1.25.



Holt's Mammoth Sage.

**Johnson's Early Strawberry**—One of the most profitable berries for market by reason of its productiveness, firmness, bright color and long keeping properties. Very desirable also for the home garden. Plant a strong grower with clean, bright foliage. Berries large, though not of the largest, regular, uniform shape, conical, bright crimson, very firm and of excellent quality. Its ability to stand up well and retain its bright color is something remarkable. Ripens early and continues long in bearing. Doz., 25c; 50, 75c; 100, \$1.00; 1,000, \$4.50.

**Red Bird, New Strawberry**—A new strawberry of southern origin, which is proving a most valuable introduction. It is extra early in maturity and very productive. It is of a bright red color and makes a most attractive appearance, grows to a large size, firm, and stands shipping remarkably well, and it is claimed that it will soon become one of the leading market and shipping varieties wherever it is grown. The Red Bird is a pistillate variety, and consequently requires rows of other varieties to be planted through it, in order to fertilize it properly. As is well known, the pistillate varieties are usually considered healthier and more resistant to the strawberry weevil, which sometimes affects the productiveness of the strawberry crop. Price of the Red Bird, per doz., 40c; \$1.50 per 100; \$8.00 per 1,000 (500 plants at the thousand rate).

**Holt's Mammoth Sage**—A great improvement upon the ordinary garden Sage, the leaves being of great size, always clean and perfect, strong in flavor and forming a solid mass on the strong growing bushy plant. Seldom blooms and never seeds. Each, 25c; 2 for 40c; doz., \$2.00.

**Lily of the Valley**—This well-known bulb is undoubtedly one of the most charming of all the early spring flowers, and is popular from one end of the country to the other. It is so well known that a description seems unnecessary. The stock we have to offer is exceptionally good, and should be planted outdoors as early in the season as possible. Strong clumps, 35c each; \$2.50 per doz.

**Dielytra Spectabilis**—This is the popular Bleeding Heart or Seal flower, an old favorite bearing long racemes of graceful, heart-shaped pink flowers, which are always attractive. It is equally well adapted for planting in the open border or for early spring flowering, and in old-time gardens had the place of honor. Each, 25c; doz., \$2.00.



Premo Dewberry.

Lily of the Valley.

**Premo Dewberry**—This remarkably new Dewberry is a sport from the grand old Lucretia, having been found growing in a field of that variety and attracting special attention on account of greater size and extreme earliness. The great profitableness of Lucretia with many growers has been because it was the earliest of the blackberry family to ripen. Now we have Premo still earlier and larger, that means extra money in market, and an earlier taste of delicious new berries for the family. Each, 15c; 3 for 35c; 10 for \$1.00.



Red Bird Strawberry.

Johnson's Early Strawberry.

Blower Blackberry.

# Some of the Latest Things in Flowers



New Admiral Poppy.



Japanese Fern Ball.



Milla Biflora, Aztec Bridal Flower.

## THE BEST DAHLIAS.

Three Prize Winners: Best Yellow, Best Shell Pink, Best White Rosy Lavender Blush.

**Clifford W. Bruton**—The best yellow; of immense size, perfect form and of the finest canary yellow. A tall, vigorous grower and extremely free bloomer. A prize winner wherever shown. Each, 20c; 3 for 50c.

**A. D. Livoni**—This prize winner is a beauty. Lovely seashell pink of sweetest shade. Charming form. One of the most beautiful Dahlias ever raised. Each, 20c; 3 for 50c.

**Miss May Lomas**—A grand variety, form very perfect. Pure white, suffused with soft, rosy lavender. A charming color. The flower is a dream. Each, 20c; 3 for 50c; 1 each of the 3 kinds, 40c.

## NEW "ORCHID-FLOWERED" SWEET PEAS.

**Gladys Unwin**—A very large flower of finest form and most beautiful coloring. The flowers are not only large, but the outer edges of the wings and standard are beautifully crumpled and waved. The coloring is a silvery white, suffused with light rose-pink. The plant is a strong, vigorous grower and the flowers, which measure from 1½ to 2 inches across, are borne 3 and 4 on a long, stiff stem. It is similar to Countess Spencer, but lighter in color. Pkt., 10c; ½ oz., 15c; oz., 25c.

**Phyllis Unwin**—A giant among Sweet Peas. The flowers have crinkled and wavy standard and broad wings. The color is deep carmine, and they are produced 3 and 4 on a long and stout stem. As Gladys Unwin, it is quite sun-proof and perfectly fixed. Pkt., 10c; ½ oz., 15c; oz., 25c.

**The New Admiral Poppy** (*Papaver Paeoniflorum*)—This single paeony-flowered Poppy is of surprising beauty. It is characterized by large round smooth-edged flowers of glistening pure white, with a broad band of brilliant scarlet around the top, occupying a full quarter of the corolla. These two colors form an extremely telling contrast, similar to that seen in the variety Danebrog. (See illustration). Planted in groups, the new Admiral Poppy, which comes nearly true from seed, produces a magnificent effect. Pkt., 10c.

**The Grand New Pink Gladiolus "America"**—The most beautiful Gladiolus yet introduced; spikes 2 to 3 feet long, erect with a great number of spreading blossoms of a color the delicacy and beauty of which it is impossible to describe or reproduce. It is an exquisite soft lavender pink, very light, almost a tinted white, approaching closely the marvelous shading seen only in an orchid. As a cut flower, it lasts in water a week or more, the great blossoms retaining full size and delicate coloring. Strong flowering bulbs, each, 20c; doz., \$2.00.

**Resurrection Plants**—A truly marvelous plant. When you receive it from us it is a shrunken ball of coiled up leaflets, but when immersed in tepid water one frond-like tip unfolds slowly outward, then another and another, until in a short time the whole plant has resurrected, flattened out into a plant-like shape, and transformed into a lovely rosette of beautiful velvet green, fern-like moss, both odd and marvelous. Can be resurrected at will, time and again, indefinitely, by being allowed to curl up and become dry each time, after having been fully opened by water. Large plants, each, 15c; 2 for 25c, all prepaid.

**Milla Biflora, Aztec Bridal Flower**—This chaste beauty is a snow-white "Star of Bethlehem," very large, waxy white, with a diamond sparkle, very fragrant. Blooms the entire summer. One of our most beautiful summer-flowering bulbs for cutting. Nothing is better. A chaste flower of exquisite beauty, delicious fragrance and will keep for two weeks when cut, until every flower opens. Treat bulbs same as Gladiolus. Bulbs, 2 for 15c; 5 for 25c; 12 for 50c.

**Japanese Fern Ball**—Fern roots woven outside and around a ball of moss. These roots will produce beautiful sprays of fern from eyes at nearly every inch of their length, and, in a short time, the whole surface is covered. **Directions for Starting**—Soak the ball in tepid water from 30 to 40 minutes and hang up. Repeat every other day till well started and after sprinkle when needed. The temperature of a common living room is just right. They can be dried up at any time, put away and started up again by soaking as before. Each, 60c; 3 for \$1.50, postpaid.

**Everblooming Tuberose**—Armstrong's Branching or the Mexican. This variety is known throughout Texas as Ramsey's Tuberose or Mexican Everblooming. A single white Tuberose. The flower spikes are very large and evenly filled. It commences to flower in July and August, throwing from 2 to 5 flower stems from a single bulb. The petals recurve gracefully, which adds greatly to the size of the individual flowers, which are pure waxy white, making it most valuable for cut flowers. The odor is less heavy than that of the ordinary Tuberose. Price, each, 10c; doz., \$1.00.

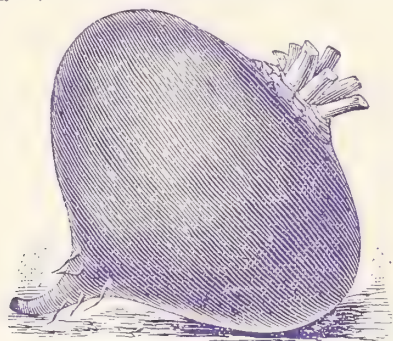


# 1909 Vegetable Seed Department 1909

## Descriptive List High Grade Vegetable Seed, with Cultural Directions

It has ever been our endeavor as Seedsmen to make highest quality the first consideration, and then to fix our prices as low as good, reliable seeds can be sold. It is the poorest economy for the planter to invest in seeds whose chief recommendation is that they are cheap.

We pay postage on all Vegetable and Flower Seeds offered in this list by the packet, ounce, quarter pound, half pound, one pound, half pint, one pint, and one quart, unless otherwise noted. We guarantee safe delivery by mail. When seeds are ordered by express or freight, deduct 8 cents per pound and 15 cents per quart on prices quoted. When sent in this way the purchaser pays the freight or express charges on receipt of the seed.



**Arlington Beet.**

### SPECIAL DISCOUNTS.

Notwithstanding the low and reasonable prices on our Vegetable and Flower Seeds, we will allow the following discounts: For remittance of \$1.00 you may select Vegetable or Flower Seeds to the value of \$1.25.

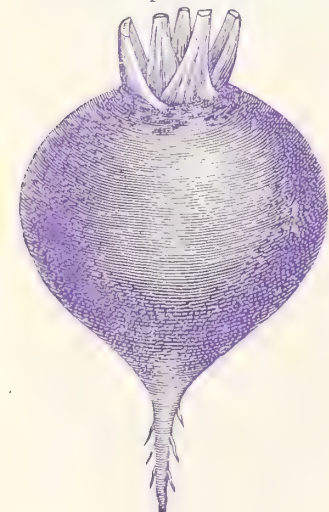
For remittance of \$2.00 you may select Vegetable or Flower Seeds to the value of \$2.50.

For remittance of \$3.00 you may select Vegetable or Flower Seeds to the value of \$3.75.

For remittance of \$4.00 you may select Vegetable or Flower Seeds to the value of \$5.00.

Please remember that these discounts apply only to Vegetable and Flower Seeds in papers, half and one ounce packets, quarter, half and one pound, pint or quart packages. All collections are net; there is no discount on them.

This offer is for either mail or express orders of all Garden Seeds in size packets above mentioned.



**Dirigo Beet.**

Note the many new and desirable plants on our list this season. By all means include one or more of these late introductions in your order.



**Eclipse Beet.**

### BEETS.

One ounce to 50 feet drill, 4 to 5 pounds to the acre in drills. See pages 5 and 6 for culture and planting directions.

The following prices include postage:

If beet seed are ordered by express, to go at buyer's expense, deduct 10c per pound.

Market Gardeners' and Bulk Price List, see pages 2 and 3. Any variety, 3 pkts. for 10c, postpaid.

**Dirigo**—Darker in color than Eclipse and slightly larger, flesh tender and sweet. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c.

**Eclipse**—Extra early round, smooth, blood-red roots. Popular both for market and the home garden. Pkt., 4c; oz., 8c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 50c.

**Arlington**—One of the best red turnip-shaped varieties. Color of skin, dark blood red; flesh, deep bright red, very crisp, tender and sweet. Matures early and at the same time keeps well. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**Schwill's Market Gardeners' Beet**—This fine beet is as early as any of the extra early table varieties, of perfect globe shape with small tap root and very rich in color. It is a great yielder and a good keeper, exceedingly tender, fine grained and sweet. Its attractive appearance will catch the eye of the customer before all other varieties on the market. Pkt., 4c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c.

Our Beet seed has proved the purest and best the market gardeners have ever been supplied with. Many of them informed us they made extra money by having the proper kind of beets. Southern gardeners should try our Early Eclipse and Crosby's Egyptian Beet Seed if they want to have the first and best in the market.

Hillsboro, Texas, March 15, 1908.

Messrs. Otto Schwill & Co., Memphis, Tenn.:

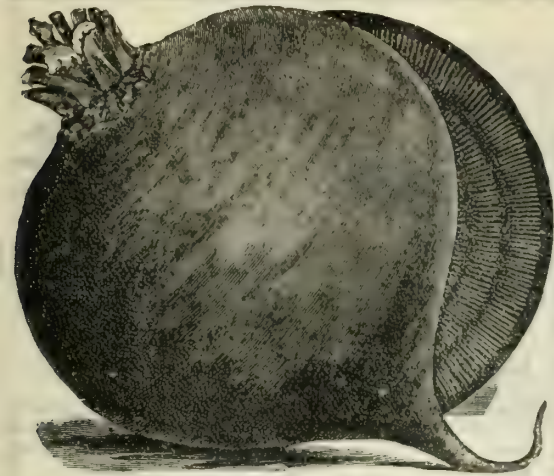
Gentlemen:—Enclosed find 50c for seeds, as per list enclosed. Send them by mail, also one of your catalogues. I have moved from Mississippi to Texas. I was successful there with your seed, and want them, and no others, for my place in this state.

Respectfully yours,  
W. B. DANDRIDGE.



**Schwill's Market Gardeners' Beet.**

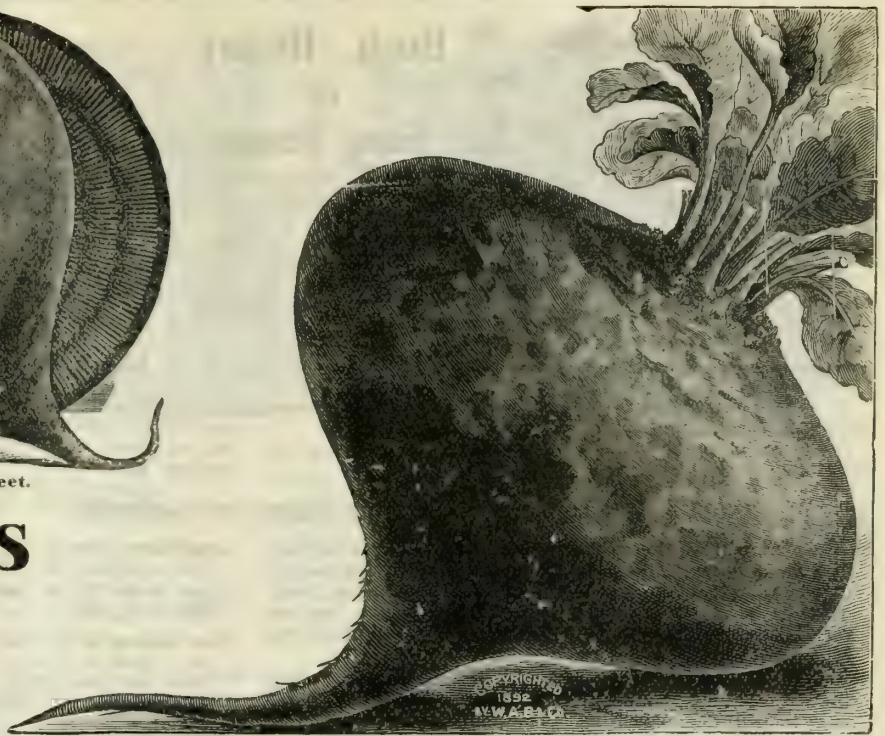




New Crimson Globe Beet.

## BEETS

WE SELL THREE  
PACKETS OF  
ASSORTED VARIETIES  
FOR TEN CENTS



Crosby Improved Egyptian Beet.

**Crosby's Improved Egyptian**—The earliest Beet in the market. A selection from Early Egyptian, retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is the deepest red, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market. A great favorite among market gardeners. Per pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**New Crimson Globe**—Fine globular shape, flesh rich deep purple, fine quality, extremely early, smooth and a good keeper. Pkt., 4c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 60c.

**Swiss Chard Silver Beet**—Also called Summer Spinach. A peculiar variety, of which the leaves only are used. The leaves are splendid for summer "greens" when cut young, and are equally delicious when allowed to mature, and the broad, white leaf-stalks or mid-ribs are cooked and served like asparagus. Produces continually from July until fall. Superior to spinach, as it can be had throughout the entire summer, when spinach is not in season. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

We can also supply the well-known standard varieties at a uniform price, viz.: Pkt., 4c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; lb., 50c, postage paid.

Improved Early Blood Turnip, Extra Early Red Egyptian, Detroit Dark Blood Turnip, Extra Early Bassano, Dewing's Blood Turnip, Improved Long Blood.

### SUGAR BEETS AND MANGEL WURZEL.

The following varieties are valuable for stock feeding. We can honestly urge our friends to plant them in quantity. They give immense crops, are easily raised, harvested and kept through the winter. The results from their use are wonderful, and are clearly shown in the improved health and condition of animals, the increased yield of milk in cows and the great saving in hay and corn. Sow in drills thirty inches

apart, on rich, well prepared ground, early in spring. Cultivate well and thin to eight inches in the row. From four to six pounds will sow an acre.

**Lane's Imperial Sugar**—The most popular Beet raised for feeding cows or young stock, and contains a greater percentage of sugar than the ordinary variety. Pkt., 4c; 1 oz., 10c; ¼ lb., 15c; 1 lb., 40c.

**White French Sugar**—One that is grown in many parts of France in preference to any other variety. Pkt., 4c; oz., 10c; ¼ lb., 15c; lb., 35c.

**Giant Feeding Sugar**—This unites the large size of the Mangel with the greater feeding value of the Sugar Beet. The roots are always regular and uniform, broad at the top, with a full and slightly tapering shoulder. Pkt., 4c; oz., 10c; ¼ lb., 15c; lb., 40c.

**Improved Kleinwanzleben Sugar**—This is a large growing variety that is highly recommended. Pkt., 4c; oz., 10c; ¼ lb., 15c; lb., 40c.

### MANGEL WURZEL BEETS.

**Mammoth Long Red Giant**—Enormously productive, yielding thirty to forty tons of roots per acre. Pkt., 4c; 1 oz., 8c; ¼ lb., 15c; 1 lb., 40c.

**Mammoth Yellow Intermediate**—Root ovoid, intermediate between the long and globe varieties; flesh solid, nearly white, zoned with yellow; hardy, vigorous and productive. Pkt., 3c; oz., 7c; ¼ lb., 15c; lb., 35c.

**Prize Winner Yellow Globe**—Roots immense size, fine shape, small tap root, neat top. Flesh being very firm and fine grained, renders it an excellent keeping variety. Pkt., 4c; 1 oz., 8c; ¼ lb., 15c; 1 lb., 40c.

**Golden Tankard**—Best for dairy farming, of a rich, deep yellow throughout. Early, hardy and a heavy cropper. Pkt., 4c; 1 oz., 8c; ¼ lb., 15c; 1 lb., 40c.

All Seeds sold at 5c per packet, or 3 for 10c, unless otherwise noted



Hodson's Green Pod Bush Bean.

## Bush, Dwarf or Snap Beans

One quart to 100 feet drill; 1½ bushels to the acre in drills.

For planting and culture instructions see pages 5 and 6.

These prices include postage.



Burpee's Stringless Green Pod Bush Bean.

If wanted by Express or Freight, deduct for postage 8 cents per pint, 15 cents per quart.

For prices on beans by peck or bushel, see Market Gardeners' Bulk Price List.

Packets of beans put up to sell at 5c, postage paid, usually contain too small a quantity to do any good. We therefore put up liberal-sized packets, containing one-third pint, at 10c, postage paid.

### DWARF GREEN POD VARIETIES.

**Burpee's Stringless Green Pod**—This is the best absolutely Stringless Bean. The pods are ready for market several days earlier than the best strain of Red Valentine or Early Six Weeks. Pods are from 4½ to 6 inches long, and are very tender and fine flavor. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**New Giant Stringless Green Pod Bean**—This new Giant Podded Bean comes highly recommended. It is a seedling from the well known Red Valentine. They are always absolutely stringless, round, full and fleshy. It is very prolific, and surpasses other varieties in crispness and flavor. No market or family gardener can afford to miss planting this fine new variety. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**Longfellow**—One of the earliest Green Bush Beans. The pods are stringless until they reach a stage at which they are past maturity for marketing. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**New Hodson Green Pod**—This is an exact counterpart of the New Hodson Wax Pod in sturdiness of growth, freedom from rust and blight and great productiveness. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**Bountiful**—By some of our gardeners this excellent variety is preferred to the Valentine. Much hardier, especially in hot weather; pods round, fleshy and of splendid flavor, and ripen very early. Pkt., 10c; ½ pt., 12c; 1 pt., 20c; 1 qt., 40c.

**Improved Early Red Valentine**—Desirable for market or family use, being early, productive, tender and of excellent flavor. The pods are round. Pkt., 10c; ½ pt., 12c; 1 pt., 20c; 1 qt., 40c.

**Black Valentine**—Resembles the old Red Valentine and is a good forcer; the pods are round, very fleshy and entirely stringless; for early or late planting it is a most valuable bean. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.



Lightning Earliest Valentine Bush Bean.

**Lightning Earliest Valentine**—This variety is at least 5 days earlier than the Early Red Valentine, and it is usually ready to pick in 45 days from planting. On account of its great earliness it is largely grown by market gardeners. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

### STANDARD VARIETIES BUSH BEANS.

	Prices. Postage Paid.			
	Pkt.	½ Pt.	Pt.	Qt.
Green Pods—				
Best of All	10	12	20	40c
Extra Early Refugee	10	12	20	40c
Early Mohawk	10	12	18	35c
Early Yellow Six Weeks	10	12	18	35c
Red Kidney	10	15	25	40c
White Navy or Tree	10	15	25	40c
White Marrow or Soup	10	12	25	40c

### Special Offer on Flower Pots

We are overstocked on the following sizes. Look at these low prices. Order at once, before they are all sold. These prices include packing, which we do carefully, but will not be responsible for any breakage caused by rough handling by transportation company.

2 inch	.....\$ .50	1000	\$4.00
3 inch	.....	.75	6.00
4 inch	.....	1.00	9.00
5 inch	.....	1.50	12.00
6 inch	.....	2.50	20.00
7 inch	.....	3.50	34.00
8 inch	.....	5.00	45.00

No Less than 100 Pots Sold at these Special Prices



Improved Early Red Valentine Bush Bean.



Bountiful Bush Bean.



New Round Pod Kidney Wax Bush Bean.

## Beans, Bush Lima

One quart will plant 100 feet of drill.

**Henderson's Bush Lima**—Of true bush form. Enormously productive. Beans small, but of excellent flavor. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c.

**Wood's New Prolific Bush Lima**—A greatly improved strain of Henderson's Bush Lima or Dwarf Sieva Bean. Equally as early and prolific and produces much larger pods and beans. Pkt., 15c; ½ pt., 20c; pt., 30c; qt., 50c.

**Dreer's Bush Lima**—True bush Lima. An immense yielder, growing about one and a half feet high. Pods seven to eight inches long. Pkt., 15c; ½ pt., 20c; pt., 30c; qt., 50c.

**Davis Wax**—Very productive, white-seeded, rustless, string or snap variety; long flat pods which are very crisp, brittle and tender when young. Excellent flavor and very hardy. Fine for shipping. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c.

**New Round Pod Kidney Wax**—A selection from the famous Wardwell's Kidney Wax Bean. As its name indicates, its pods are round, instead of flat. Crisp, brittle. Wonderfully early and productive. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**Hodson's New Wax**—A new variety and very desirable. The exceedingly beautiful pods are long, cylindrical, slightly curved in shape, very white and wax-like, stringless, of the very best quality. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c.

**Jones' Stringless Wax**—Round, stringless pods of fine quality. Very hardy and productive. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**Valentine Wax**—This is an improved extra early Valentine Bean, with round waxy pods. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c.

**Currie's Rust-Proof Black Wax**—Pods long, flat and straight, of a beautiful golden color. Pkt., 10c; ½ pt., 12c; 1 pt., 20c; 1 qt., 40c.

## Beans, Dwarf or Bush

WAX VARIETIES.

See pages 5 and 6 for planting and culture directions.

For prices on beans by peck or bushel, see Market Gardeners' Bulk Price List.

**Wardwell's Kidney Wax**—About the earliest and most productive of all wax pods. A favorite with market gardeners. A rich golden yellow, brittle and entirely stringless. Pods long, broad and flat; very popular. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c.

### STANDARD VARIETIES WAX BUSH BEANS.

	Prices, Postage Paid.			
	Pkt.	½ Pt.	Pt.	Qt.
German or Black Wax	10	12	20	40c
Improved Golden Wax	10	12	20	40c
Scarlet Flageolet Wax	10	12	20	40c
Violet Flageolet Wax	10	12	20	40c
Saddleback Wax	10	12	20	40c



Wardwell's Kidney Wax Bush Bean.

Amite City, La., Feb. 17, 1908.

Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Enclosed find order for seeds. I wish to say that if you disappoint me this time in filling the same, it will be for the first time, for you have always given me the best quality and quantity and prompt service.

As ever yours,  
F. L. WATERS.

Davis Wax Bush Bean

# Pole or Running Beans

One quart will plant about 150 hills.

These require more care than the bush beans, and should not be planted until two weeks later, as they stand in much more danger from the frosts.

For planting instructions see pages 5 and 6.

These prices include postage. If you wish to pay express charges, then deduct 8c per pint and 15c per quart from these prices.

**White Sickle**—A most desirable green-podded Snap Bean. Bears profusely, quite early and continues until frost; very tender and palatable. The handsome green pods average 8 or 9 beans to the pod, very uniform, about 6 inches long; very thick meated, rich and buttery. Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c.

**Golden Cluster Wax**—Beautiful golden wax color, of large size, and always tender and brittle, being entirely stringless. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c.

**Kentucky Wonder, or Old Homestead**—One of the best green podded Pole Beans, being extremely early and is enormously productive, the pods hanging in great clusters from top to bottom of pole. It is entirely stringless and cooks tender and melting. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c.

**Asparagus or Yard Long Beans**—A great curiosity, and withal a bean of excellent quality. Pods usually are thirteen to twenty-four inches, but frequently thirty inches and sometimes thirty-six inches in length. An excellent table vegetable, the pods being tender and of a rich asparagus flavor. Pkt., 10c.

## PRICE LIST STANDARD POLE BEANS.

	Pkt.	½ Pt.	Pt.	Qt.
Southern Creasback	10	15	25	45c
Southern Prolific	10	15	25	40c
Lazy Wife	10	15	25	45c
Red Speckled Cut Short	10	15	25	40c
Horticultural or Wren's Egg	10	15	25	45c
Tall German or Black Wax	10	15	25	45c

# Pole Lima and Butter Beans

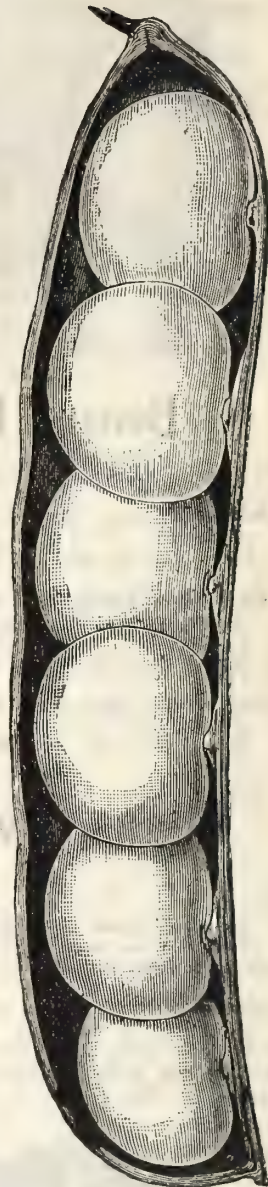
For bulk prices by peck and bushel see page 2.

**Carolina or Small Lima**—A good pole variety of the Sieva class of Limas. Seeds are small but very prolific. Will stand more heat and drouth than most of this class, and seems to be especially well adapted to the South. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c.

**Schwill's Monstrous Lima**—Both beans and pods are monstrous in size, the largest of any. Beans greenish white and of delicious flavor. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c.



The Famous  
Kentucky Wonder  
Pole Bean.



Siebert's Early  
Lima Pole Bean.

**Siebert's Early Lima**—One of the very best for market gardeners. The result of a number of years selecting to largest green beans and easily opening pods. Produces pods early, and continues to the last of the season. The green beans are of immense size, tender and succulent. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 50c.

## PRICE LIST STANDARD LIMA BEANS.

	Pkt.	½ Pt.	Pt.	Qt.
King of the Garden Lima Beans	10	15	25	45c
Large White Lima Beans	10	15	20	40c
Early Jersey Lima Beans	10	15	20	40c
Dutch Case Knife Beans	10	15	25	45c

Half pint, pint and quart prices of beans include postage.

If to go by Express or Freight, at buyer's expense, deduct 15c from quart, 8c from pint, or 5c from ½ pint prices quoted on this page.

## FALL POTATOES

For Planting in July and August

We usually carry in specially arranged cold storage, Triumph Seed Potatoes, so as to be able to ship them in sound, vigorous condition in July and August. To customers who desire to purchase any quantities, we shall take pleasure in quoting prices at which we can reserve potatoes for them for shipping at that time. Our method of keeping seed potatoes for late planting has proved very satisfactory, and has caused the late planting of potatoes to be a very profitable and satisfactory crop in recent years. Our sales have increased very rapidly each succeeding year, and we recommend very strongly to our customers the desirability and advantage of growing the late crop potatoes from the seed supplied by us. Let us book your order in time. Write for terms and prices.



Jerusalem Artichoke.

### Artichoke, Globe

One ounce will produce 500 plants.

Sow in light, rich, and rather moist soil, in drills eight or ten inches apart; when the plants are well up, transplant, four or five inches deep, in rows four feet apart, and two feet apart in the rows. Cover with straw during winter.

**Large French Globe**—Fine large heads. Pkt., 10c; oz., 35c.

### Artichoke, Jerusalem

Grown for its tubers, which resemble potatoes, and are cultivated in a similar manner, only the rows should be at least four feet apart when grown in rich soils. Requires three bushels to an acre.

**Large Tubers**—Qt., 35c, postage paid; by freight, pk., 75c; bush., \$2.50.

### Cress, or Pepper Grass

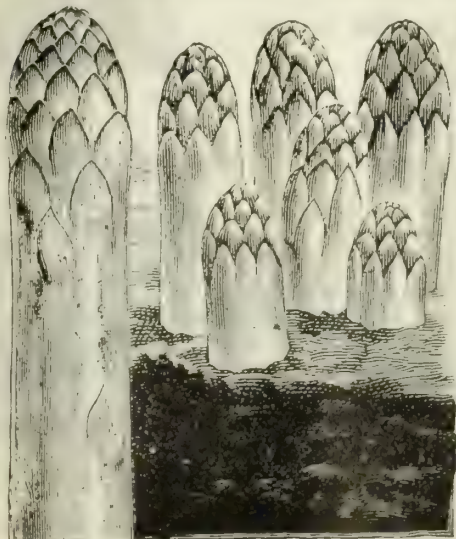
A well-known pungent salad. Sow at frequent intervals, to keep up a succession, as it soon runs to seed. **Curled**: Pkt., 4c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c. **True Water**: Pkt., 10c.

### Corn Salad, or Feticus

Sow in September or October. Large, round-leaved. Pkt., 4c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

### Chervil

Used for flavoring and garnishing. Pkt., 5c; oz., 25c.



Palmetto Asparagus.

### Asparagus

One ounce will sow 40 feet of drill.

Sow in spring as soon as the soil is in good working condition. Cultivate during summer, and give the plant a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

**Conover's Colossal**—Very large, prolific and tender. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c.

**The Palmetto**—A fine variety, producing large green asparagus. Very early and adapted to all climates. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 60c.

**Columbian Mammoth White**—A new and entirely distinct kind whose shoots are white and stay white as long as fit for use. It is more robust and vigorous in habit and throws up larger shoots and fully as many of them as Conover's Colossal. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

### Asparagus Roots

A saving of one to two years is effected by planting roots.

Those offered below are strong roots. For private use or for marketing on a small scale, beds should be formed five feet wide, with three rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows nine inches. Our own raising, sure to grow. We send them by express only; they are too heavy for mailing.

	Per 12.	Per 50.	Per 100.	Per 1,000.
Palmetto, strong 2 yr. roots.....	\$ .25	\$ .75	\$ 1.00	\$ 6.00
Palmetto, strong 3 yr. roots.....	.50	1.00	1.50	10.00
Conover's Colossal, strong 2 yr. roots	.25	.50	.75	5.00
Conover's Colossal, strong 3 yr. roots	.50	.75	1.25	8.00

Free culture directions sent with every order when requested.

### Chives, or Schnittlauch

A species of onion, used for seasoning; mostly used for putting on cream or cottage cheese. Has a healthy and delightful flavor. Seed planted this spring will do to use next year. Hardy perennial. Seed, per pkt., 15c.

### Brussels Sprouts

The plant grows two or three feet high and produces from the sides of the stalk numerous little sprouts one or two inches in diameter, resembling cabbage.

**Improved Dwarf**—Pkt., 5c; 1 oz., 25c; 2 oz., 45c; ¼ lb., 75c.

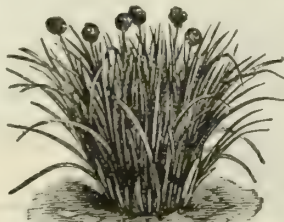
### Brocoli

**Culture**—Sow as soon as the ground can be worked in the spring. Plant out two feet apart each way.

**Purple Cape**—Best for this country. Pkt., 5c; 1 oz., 35c; 2 oz., 50c.

### Dandelion

Everybody likes to gather dandelion in early spring for greens. Sow the seed in drills in early spring and thin out to six inches in the row and keep well cultivated and free from weeds throughout the summer. Pkt., 5c; oz., 40c.



Chives, or Schnittlauch.



Corn Salad, or Feticus.



Giant Pascal Celery.

**Early Scarlet Horn**—This is the favorite for an early crop.  
**Half Long Danvers**—Of good quality and exceedingly productive.  
**Half Long Scarlet**—Very popular variety, a deep red color of perfect form.  
**Ox Heart**—Of extra fine quality and very productive.  
**Yellow Belgian**—Large yellow root, excellent for stock feeding.

## Collard

A species of cabbage. Sow in the spring or fall, and transplant and cultivate in the same manner as cabbage.

One ounce will produce five hundred plants.

Prices for any of the following varieties, viz.: Pkt., 4c; 3 pkts., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00.

**North Carolina Buncombe**—A superior variety, heads up in winter, very heavy foliage, fine flavor.

**Georgia White Cabbage**—Called cabbage collard on account of its close, bunching growth and light green leaves.

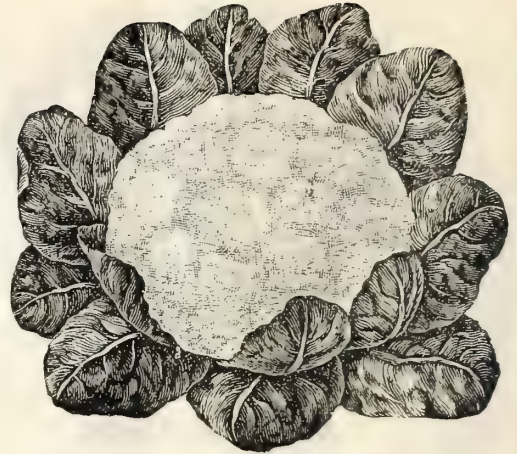
**True Southern**—The old standard sort which has been in use in the South for years.

## Carrot

For culture and planting instructions see pages 5 and 6. One ounce to 100 feet of drill, 2 to 3 lbs. to the acre.

Pkt., 5c; 3 pkts., 10c; oz., 10c; 2 oz., 15c; ¼ lb., 25c. Any variety.

**Improved Long Orange**—A well known standard sort, roots long, color is dark orange.



Extra Early Snowball Cauliflower.

## Celery

One ounce will produce about 3,000 plants.

Planting and culture directions given on pages 5 and 6.

Pkt., 5c; 3 pkts., 10c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 75c, any variety.

**Giant Pascal**—A superior keeping sort; it blanches very easily and quickly.

**Large White Solid**—Grows to a very large size, crisp and tender.

**Henderson's White Plume**—Very early; requires but little banking up to blanch.

**Golden Self-Blanching**—Compact, straight, vigorous growth, self-blanching.

**Perle le Grande**—New sort; fine white stalks, easily blanched.

**Winter Queen**—Best keeping late variety; stays in fine condition a long while.

**Celeric, or Turnip-Rooted Celery**—Sow early in the spring in light, rich soil.

## Cauliflower

Pkt., 10c; ⅛ oz., 40c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.50, any variety, except where noted otherwise.

One ounce will produce about 2,000 plants.

Our stock is of the very best quality, making a sure head. We do not handle the cheap grade of Cauliflower, which can be bought at one-fourth of our price.

How to Grow Cauliflower—See pages 5 and 6.

**Extra Early Snowball**—This we consider the very finest strain of Snowball Cauliflower. It is grown for us by one of the most careful Denmark growers, and will produce heads of snowy whiteness and unexcelled quality. Dwarf compact growth, exceedingly early, very hardy, and under favorable conditions every plant will make a fine, solid head. The best for forcing or early field crop.

**Early Favorite**—Sure header; compact growing; pure snowy white; fine either for family or market use. Pkt., 10c; ¼ oz., 40c; ½ oz., 75c; 1 oz., \$1.25.

**Extra Early Dwarf Erfurt**—Many gardeners use this for forcing and for outside. Head a little smaller than Snowball, but earlier.



Improved Long Orange Carrot.



Oxheart Carrot.



North Carolina Buncombe Collard.

**Star Brand Fertilizers will make Large Crops. Try our Special Brands this Season**



Extra Long White Spine Cucumber.

# Cucumber

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

For culture and planting see pages 5 and 6.

For prices in bulk see Market Gardeners' Price List, pages 2 and 3.

**Early Cyclone**—New and cannot be praised too highly. One of the earliest varieties, of good size and unequalled as a table variety; fruit handsome; dark green; flesh tender, crisp and of excellent flavor. Pkt., 5c; 1 oz., 25c; 2 oz., 35c; ¼ lb., 60c.

**New Cumberland**—A variety of the hardy White Spine type. The pickles differ from all other hardy sorts, in being thickly set with fine spines, except on the extreme stem end. During the whole period of growth, from the time they first set until full grown, the form is exceptionally straight and symmetrical, making them as choice for a slicing variety as for pickles. The flesh is firm, very crisp. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c.

**Cool and Crisp**—As a cucumber for slicing we know of none better. Long and slim, pointed at the ends, very dark green. One of the earliest. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 60c.



Cumberland Pickle Cucumber.



Giant Pera Cucumber.



White Vienna Kohl Rabi.

**Schwill's Select White Spine**—A rich, dark-green variety, of White Spine type. The fruit is about 7 inches long when in marketable condition and very straight and even in shape. Is early, and good for forcing and out-of-door culture. This is the very best for market gardeners. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c.

**Giant Pera**—Of large size, smooth, straight, free from spines, flesh white, crisp and tender. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 70c.

Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c.

**Extra Long White Spine**—This variety grows ten to twelve inches long, very straight and handsome, good for forcing.

## PRICE LIST STANDARD CUCUMBERS.

	Pkt.	1 oz.	2 oz.	¼ lb.
Arlington White Spine.....	5	25	45	75c
Bennett's White Spine .....	5	20	35	60c
Extra Early Long Green .....	5	20	35	65c
Early Green Cluster .....	4	20	35	50c
Early Frame .....	4	15	30	50c
Everbearing .....	5	20	35	50c
Fordhook Pickle .....	4	20	35	50c
Gherkin .....	5	25	45	75c
Hill's Forcing White Spine.....	5	20	35	60c
Imp. Early White Spine.....	5	20	35	60c
Imp. Long Green .....	5	20	35	60c
Japanese Climbing .....	5	20	35	65c
Long Green Turkey .....	5	20	35	60c
New Orleans Market .....	4	15	25	40c
Perfecter Jersey Pickle .....	4	15	25	40c
Serpent or Snake .....	5	25	45	75c

# Kale or Borecole

Sow from two to three pounds to the acre. See page 5 for planting directions.

Bulk and market gardeners' price list on pages 2 and 3.

**Emerald Isle**—A beautiful curled bright green variety, forms an immense plant; leaves very tender. Pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., \$1.00.

**Dwarf German**—Very hardy; leaves curled. Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 50c.

**Tall Green Curled Scotch**—Taller than the German. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

# Kohl = Rabi

One ounce will produce 2,000 plants.

**Early White Vienna**—This is the best and earliest variety for table use. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; lb., \$2.00.

Marianna, Ark., Jan. 12, 1908.

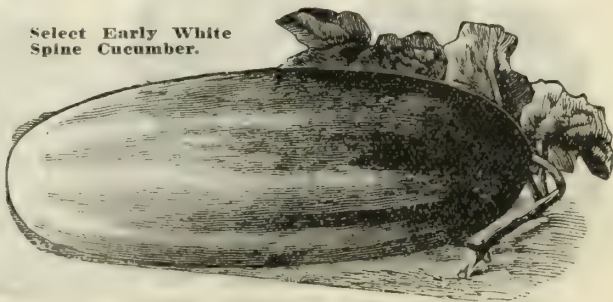
Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Please send me one of your large catalogues, as I was so well pleased with your seed corn last year, and made the finest crop in this section of the state. I will never plant any other seed but Schwill's. Sincerely yours,

J. M. SHEPHERD.



Dwarf German Curled Kale.



Select Early White Spine Cucumber.



Solid South Cabbage.

# Cabbage

(Best American Grown Seed.)

This is the most important crop to the market gardener and small grower, and too much caution cannot be exercised in knowing that the seed is reliable and true. Our seeds are grown with the utmost care, and we know they are fresh, pure, reliable and true to name, and that they have been grown from the heads only, and these most carefully selected. One ounce will produce about 2,000 plants.

For planting and culture instructions see page 5.

We sell 3 pkts of any varieties cabbage seed for 10c; 1/2 oz. at oz. rates and 1/2 lbs. at lb. prices.



Early Surprise Cabbage.



Succession Cabbage.

**Early Surprise**—The market gardener's favorite round variety for early use. Never fails to head up even under the most adverse circumstances. The Early Surprise is unquestionably the nearest approach to a thoroughbred cabbage of any variety yet introduced, both as regards size and uniformity of development. Fully as early as the Wakefield types, with a solid flat head. Pkt., 5c; oz., 40c; 2 oz., 75c; 1/4 lb., \$1.00; 1 lb., \$3.00.

**Early Jersey Wakefield**—A leading early variety and one of the best for private or market gardeners' use; conical shape and good quality. Pkt., 4c; oz., 25c; 2 oz., 40c; 1/4 lb., 60c; 1 lb., \$1.75.

**The Charleston or Large Wakefield**—Large, solid heads, of good quality; a few days later than Early Jersey Wakefield. Specially recommended for market gardeners. Pkt., 4c; oz., 25c; 2 oz., 40c; 1/4 lb., 60c; 1 lb., \$1.75.

**Solid South**—A magnificent Cabbage, resembling the Early Summer, but is earlier, larger, more uniform, has fewer outside leaves. Equally well adapted for the family garden and for shipping. Pkt., 4c; oz., 25c; 2 oz., 40c; 1/4 lb., 60c; 1 lb., \$1.75.

**Succession**—One of the most perfect in existence. It is a quick growing and a sure header, and great favorite everywhere. Pkt., 4c; oz., 25c; 2 oz., 40c; 1/4 lb., 60c; 1 lb., \$1.75.

**All Seasons**—A good variety for general use summer or fall. Heads round, flattened on the top, large and solid; good keeper. Pkt., 3c; oz., 20c; 2 oz., 30c; 1/4 lb., 50c; 1 lb., \$1.65.

**Extra Early Express**—Earliest Cabbage in the world. While not quite so large as Jersey Wakefield, it is several days earlier, and for a first early variety cannot be excelled. Pkt., 4c; oz., 20c; 2 oz., 35c; 1/4 lb., 60c; 1 lb., \$1.85.

**Early Flat Dutch**—One of the most popular and reliable of the medium early varieties. Makes large, flattish-shaped, solid heads. Pkt., 4c; oz., 25c; 2 oz., 45c; 1/4 lb., 60c; 1 lb., \$1.70.

Cabbage plants ready March 1. Varieties as follows: Early Wakefield, Charleston Wakefield, Early Summer, Succession, Early Flat Dutch, Early Drumhead, Solid South, Late Drumhead. Price, 35c per 100; \$2.50 per 1,000; by express only.

## STANDARD VARIETIES OF CABBAGE SEEDS.

	Pkt.	1 oz.	2 oz.	1/4 lb.	1 lb.
All Head Early	4	20	35	50	1.60
Early Dwarf York	3	15	30	40	1.35
Early Large York	3	15	30	40	1.35
Early Summer	3	15	30	45	1.50
Early Wittingstadt	3	15	30	40	1.35
Extra Early Eureka	5	35	50	90	2.75
Green Glazed	5	25	50	75	2.50
Surehead	4	20	35	50	1.60
Early Drumhead	4	15	30	40	1.40

**SEEDS.** If ordered by express or freight at buyer's expense, deduct 10c per pound, 8c per pint, 15c per quart. Half pounds are supplied at pound rates, half bushels at bushel rates.



Charleston, or Large Wakefield Cabbage.

**Consider This**  
 If you have a small patch of ground, no matter how small, there is no way in which you can get as much satisfaction out of it as by sowing lettuce, radishes, etc. Their greatest merit consists in being always fresh and crisp.

Our Mixed Sweet Peas contain over 40 choice leading giant varieties.



Extra Early Express Cabbage.





Schwil's Matchless Late Flat Dutch Cabbage.

# Cabbage

**Schwil's Ideal Winter**—This is an extremely large and solid heading variety, well suited for fall and winter, entirely distinct and the best keeper. It produces enormous heads. It has such small outer leaves that it can be planted closer than the ordinary late sorts, and it can be relied upon to produce a greater weight of crop per acre than any other variety. Pkt., 5c; oz., 25c; 2 oz., 45c; ¼ lb., 60c; 1 lb., \$2.00.



Schwil's Ideal Winter Cabbage.



Black Beauty Egg Plant.

**SEEDS BY EXPRESS**

When ordering Seeds by express or freight, deduct from our prices quoted postage paid, 10c per pound.

**Schwil's Matchless Late Flat Dutch (Selected Strain)**—The great Cabbage for fall and winter use. It is a sure header, wonderfully solid and of excellent flavor. The heads are large, oval in shape and flattened. Well grown heads often measure 12 to 15 inches across. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$1.90.

**Worldbeater**—A fine winter variety of vigorous growth. Large, well-formed globular heads of bluish green. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$1.90.

**Danish Ball Head**—A very late variety, forming globular heads; very hard and solid. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00.

**Volga**—A grand Cabbage. Strong in constitution, perfect in type, with all the fine qualities of early maturing varieties. The stalk is short; color dark green; very large heads in proportion to the plant. Grows uniform; heads good and is a splendid keeper. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.50.

**Mammoth Marblehead**—A favorite Winter Cabbage, especially among shippers, as it stands transportation well. The heads are very large, heavy, solid and good keepers. Pkt., 4c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.60.

**Long Island Market Savoy**—This is a very distinct variety of Savoy, originated on Long Island; grows to a very large size; heads solid; very curly. Pkt., 4c; oz., 25c; 2 oz., 45c; ¼ lb., 60c; 1 lb., \$2.00.

## STANDARD VARIETIES OF CABBAGE SEEDS.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Imp. Large Late Drumhead..	03	15	30	50	\$1.40
Imp. Large Late Flat Dutch	03	15	30	50	1.40
Large Drumhead Savoy.....	04	15	30	50	1.50
Red Dutch .....	05	25	40	60	2.00

## Endive

One ounce produces 1,000 plants. See page 5 as to how to plant.

**Large Green Curled**—The standard late kind. Makes a delicious autumn salad. Pkt., 4c; ½ oz., 10c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 55c.

**Giant Fringed, or Oyster**—A beautiful fringed kind, largely used. Pkt., 4c; ½ oz., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c.

## Egg Plant

One ounce will produce about 1,000 plants.

Culture and planting directions on page 5.

**Black Beauty**—Matures fully two weeks earlier than New York Purple. The grand, jet black fruits are large, perfect globe shape and very attractive. Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., \$1.25.

**Improved Spineless**—Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., \$1.50.

**N. Y. Improved Purple**—Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 75c; ¼ lb., \$1.00.



World Beater Cabbage.



Long Island Market Savoy Cabbage.



Volga Cabbage.

# Garden and Sweet Corn

FOR TABLE USE



Schwill's Early Surprise Corn.

## STANDARD GOOD SWEET CORNS.

	Postage Paid.		
	Pkt.	Pt.	Qt.
Black Mexican .....	10	20	40c
Early Egyptian .....	10	15	30c
Large or Mammoth Sugar .....	10	20	35c
Stowell's Evergreen Sugar .....	10	20	35c
Zig Zag Evergreen Sugar .....	10	20	35c
Burpee's White Evergreen .....	10	20	35c

Pint and Quart Prices Include Postage.

If to go by express at buyer's expense, deduct 15c from quart prices and 10c from pint prices quoted on corn.

Sweet Corn on Ear—We can furnish fine specimen ears of above varieties, 10c each, by mail, 15c.

**Write Name and Postoffice Address Plainly** THIS IS VERY NECESSARY, AND WILL INSURE PROMPT SHIPMENT OF ORDER

One quart will plant 200 hills, one peck will plant an acre in hills.

For bulk prices by peck and bushel, see Market Gardeners' Wholesale List, pages 2 and 3.

Culture directions given on pages 5 and 6.

**Extra Early Burlington**—One of the earliest. Ripens uniform, ears large and of superior quality, sweet and of delicious flavor. Extremely valuable to market gardeners for first early. Pkt., 10c; pt., 20c; qt., 35c.

**None Such Sugar**—This variety is one of the finest Sweet Corns in cultivation. Medium early, of extra strong growth, grain white, ears large, twelve to fourteen rowed; wonderfully productive. Pkt., 10c; pt., 20c; qt., 35c.

**Peep of Day**—This most valuable sort is not only early, but one of the best. The stalks grow from three to four feet high. Ears average from five to six inches in length and are of perfect form. Pkt., 15c; pt., 20c; qt., 40c.

**Schwill's Early Surprise**—Matures large, handsome ears for early market in seven weeks. Just the sort for market gardeners, coming in right when the Adams Early Corn is gone, with large, handsome ears, which are always tender and of most excellent quality. Every trucker should plant well of this splendid corn. It's always a money-maker. Pkt., 10c; pt., 20c; qt., 35c.

**Early or Large Adams**—One of the most profitable varieties for early market. Ears good size, sweet and tender. Pkt., 10c; pt., 20c; qt., 35c.

**Extra Early Adams**—The very earliest variety, and brings good prices when first offered to the market. Pkt., 10c; pt., 20c; qt., 35c.

**Schwill's Early Market**—Very large ears; grows rapidly; used both as garden and field corn. Pkt., 10c; pt., 18c; qt., 30c.

**Mammoth White Cory**—A good extra early, producing medium-sized ears of finest quality. Pkt., 10c; pt., 20c; qt., 35c.

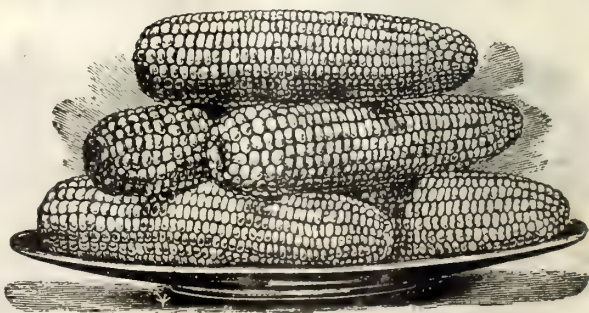
**Schwill's Delicious**—An early large sweet corn. Produces ears twelve inches long in sixty-five days. Kernels are pure white, very sweet and tender. Pkt., 10c; pt., 20c; qt., 35c.

**Country Gentleman**—A productive sort, frequently producing three ears to the plant. Ears large for so small a stalk. Grain narrow and very deep. Pkt., 10c; pt., 20c; qt., 35c.

**Schwill's Improved Large Adams**—Larger than the ordinary strain of Adams Early, and just as early. Ears always filled out to the end. Fine for market. Pkt., 10c; pt., 20c; qt., 35c.

## Star Brand Fertilizers Are the Best

They may cost a few cents more on the 100 pounds, but they will return much more in profit than many cheap fertilizers. Star brands are odorless.



Country Gentleman Sweet Corn.



Long Island Beauty Cantaloupe.

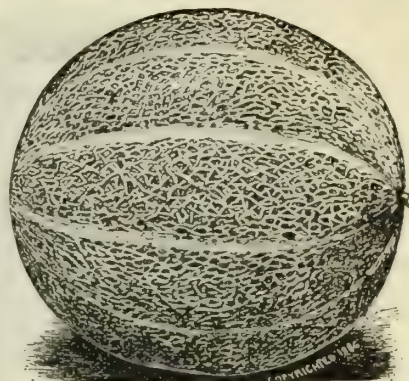
# Cantaloupes

One ounce of seed will plant 50 to 60 hills. One to two pounds to the acre.

See pages 5 and 6 for culture and planting hints.

Bulk Price List for Market Gardeners on pages 2 and 3.

The following prices include postage:



Rocky Ford Junior Cantaloupe.

**Long Island Beauty**—A splendid variety, on the style of the Extra-Early Hackensack, but slightly more ribbed. It is of very superior quality, with green flesh, and densely netted. Pkt., 5c; oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.75.

**True Rocky Ford**—The most popular and finest green-fleshed Musk Melon. The vines are of strong, healthy growth, comparatively short, and branch freely, setting a large number of fruits close to the hill. The melons are even and regular in size and form, nearly round or slightly oval. They are always finely netted and the skin is of a light golden hue when fully ripened. The flesh is light green in color, melting and luscious in flavor, and ripens close to the skin, so that there is but a very thin rind in a well-grown fruit. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

**Rocky Ford Junior**—Has beautiful, close, strong netting; a most vigorous grower, very hardy, withstands drought, blight and bugs remarkably well. An attractive and quite distinct variety. Very prolific, uniform in size and has a long fruiting season. Fruit solid; small seed cavity, seldom bursts; green-fleshed. Slightly larger than the ordinary strain of Rocky Ford, just the thing for market gardeners. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50.

**Extra Early Hackensack**—An early variety with almost globular fruit. Flesh thick and light green. Fine for early market. Pkt., 5c; oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.75.

**Eden Gem**—Originated by Pollock, at Rocky Ford. It is one of the best of all the different strains of Netted Gem Cantaloupes grown in Rocky Ford. Pkt., 5c; oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.50.

**Cannon Ball**—Round as a ball, medium size and heavily netted; remarkably solid, with small seed cavity. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.90.

**Tip Top Nutmeg**—Flesh thick, deep salmon color and very sweet. Pkt., 5c; oz., 25c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00.

**Banana**—Very odd; 18 to 21 inches long. Fragrant, and one of the most delicious of melons. Pkt., 10c; ½ oz., 15c; oz., 25c.

**Extra-Early Pineapple**—The largest of the very-early nutmeg melons. Flesh green; quality very fine. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.40.

**Ferry's Defender**—Medium size, oval, flesh golden yellow. Very sweet. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

## PRICE LIST STANDARD CANTALOUPE.

Prices, postage paid.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Baltimore or Acme.....	5	15	25	50	\$2.00
Emerald Gem.....	5	20	35	60	2.25
Early Netted Gem.....	5	15	25	40	1.50
Large or Improved Baltimore..	10	25	40	75	2.75
Millers' Cream.....	5	15	25	40	1.50
New Osage.....	5	10	20	40	1.50
Montreal Market.....	5	10	20	40	1.50
Prolific Netted Nutmeg.....	5	15	25	55	2.25
Schwill's Sweet Nutmeg.....	5	25	40	60	2.00

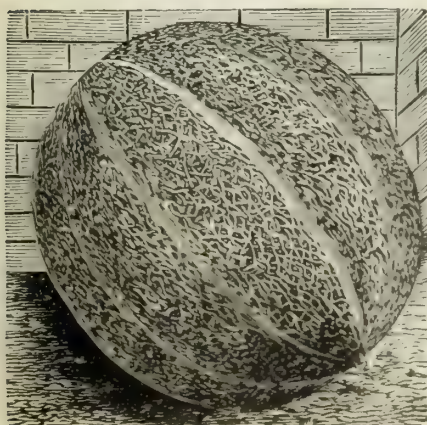
## Mushroom

The Mushroom is an edible fungus of which there are numerous varieties. We handle the ordinary commercial variety of a creamy white color with loose gills which underneath are of pinkish-red, changing to liver color. The Mushroom produces seed and there is developed a white, fibrous substance in broken threads, called spawn, which is developed and preserved in horse manure, pressed in the form of bricks. Mushrooms can be grown in cellars, in sheds, in hotbeds or sometimes in the open air, the great essential being a uniform degree of temperature and moisture. Our space is too limited here to give the necessary culture directions, but these are published in pamphlet form, and will be supplied with all orders.

### PURE CULTURE MUSHROOM SPAWN.

By a newly discovered process of selection and grafting, the Spawn is scientifically propagated so that large, vigorous and fine flavored Mushrooms are reproduced. Earlier, more productive and a marked improvement on the wild spawn, either French or English. Brick (about 1¼ lbs.), 25c; 5 bricks for \$1.00. By mail, 1 brick, 50c.

**Bug Death  
Kills  
Potato  
Bugs  
Quickly**



True Rocky Ford Cantaloupe.



Extra Early Hackensack Cantaloupe.



Baltimore, or Acme Cantaloupe.

# Lettuce

One ounce will sow 120 feet of drill.

Probably no vegetable is more universally used than lettuce, and to be thoroughly appreciated it must be brought to the table fresh and unwillted. The quality of lettuce depends largely upon a rapid and vigorous growth.

See page 5 for directions how to plant lettuce.

Market Gardeners' Bulk Price List is given on pages 2 and 3.

We sell any three packets of Lettuce for 10c, postage paid.

**Imperial Cabbage**—Gardeners who have grown this lettuce say there is no better heading sort for main crop spring planting. The heads of light green color outside, with yellowish white heart, are large, solid and of finest quality and very tender. It is slow in running to seed, grows quickly, is an even, reliable header, and will be found thoroughly satisfactory both for outside planting and in frames. Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 50c; ¼ lb., 75c.

**California Cream Butter**—A very fine butter lettuce. Heads very large, round and solid; outside green; within the leaves are a rich, creamy-yellow color; most delicious and buttery in taste. Pkt., 4c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 45c.



Imperial Cabbage Lettuce.

**Selected Big Boston Lettuce**—A very desirable large variety for forcing in cold frames and for outdoor planting. In the kitchen garden there is no better variety to use. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light green color. Heads large, handsome and solid when grown inside, somewhat more loose when grown in the garden. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.

**May King**—This remarkable variety has proved itself capable of satisfying the most exacting requirements that could be made on an early outdoor lettuce; while it can also be easily and most satisfactorily raised in a cold frame. It is not easily affected by cold or wet weather, grows very quickly and produces, even in poor soil, splendid, globular heads, which are ready ten to fifteen days before other heading varieties and stands a long time before showing signs of running to seed. Externally of a yellowish-green with light brownish tinge; the leaves inside are of a golden-yellow shade, and in point of flavor unexcelled by any sort. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.

**Iceberg**—A beautiful lettuce worthy of universal cultivation. Large, curly leaves of bright light green, with a very slight reddish tinge at the edges. Very handsome heads, unusually solid because of the natural tendency of the large, strong leaves to turn in, which also causes thorough blanching. Crisp, tender and fine in every particular. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.

**Immensity**—Of enormous size, probably the largest known variety of lettuce. Very solid heading, deliciously crisp, and of superb quality. Not early, but just the variety to follow the early ones, as it will withstand very warm weather and remain crisp. Pkt., 4c; oz., 15c; 2 oz., 30c; ¼ lb., 45c.



California Cream Butter Lettuce.

We can also supply the following well-known Lettuces at a uniform price, as follows: Pkt., 3c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c.

Black Seeded Simpson.

Boston Market.

Early Curled Simpson.

Golden Queen.

Nansen North Pole.

Mignonette.

Passion.

Prizehead.

Premium White Cabbage.

Phil. White Butter.

Unrivalled.

Silver Ball.

St. Louis Market.

White Seeded Tennis Ball.

White Summer Cabbage.



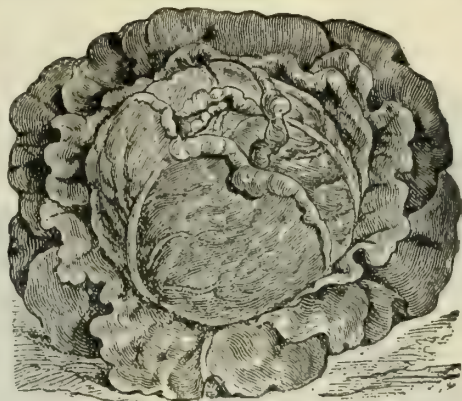
Big Boston Lettuce.



May King Lettuce.



Improved Hanson Lettuce.



Deacon Head Lettuce.

# Lettuce

**Schwill's Hard Head**—One of the best lettuces for all purposes. Forms medium size heads, compact and solid; leaves thick, rich and nutty in flavor. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.

**Schwill's Market Gardeners' Private Stock**—One of the best, forming good size compact heads; color light green, white on the inside. Its great quality, however, is that it will withstand drought and heat, and remain long in head; to gardeners it is invaluable on account of its heat resisting qualities. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.

**Grand Rapids**—Is a loose-bunching variety, forming no definite head. Is extremely curly, and its light yellowish-green color makes it very attractive. Pkt., 4c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c.

**Deacon**—There is no surer heading summer variety. Makes a good solid head; the inside leaves blanch to a bright, rich yellow, exceedingly well flavored, crisp and tender. Pkt., 3c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.

**The Waldorf**—A compact growing, heading variety, with yellowish-green, thick, smooth leaves forming into a solid head which blanches to a rich cream color. Pkt., 4c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 70c.

**Mammoth Black Seeded Butter**—Forms large cabbage-like heads, creamy white inside; very tender and of rich buttery flavor. A fine summer lettuce, resisting heat and drought and slow to run to seed. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 50c.



Schwill's Hard Head Lettuce.

**Burpee's Butterhead**—Forming heads in the open ground, often fourteen inches in diameter, and averaging fully a pound in weight. Pkt., 3c; ½ oz., 10c; oz., 20c; 2 oz., 30c; ¼ lb., 50c.

**Hubbard Market**—Solid, cabbage head variety; leaves fold close and the inner heart is always tender and blanched. Pkt., 4c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c.

**Improved Hanson**—Large heads that stand the drought and heat longer than any other. Pkt., 3c; ½ oz., 10c; oz., 15c; 2 oz., 25c; ¼ lb., 40c.

**Bonanza**—An all seasons sort. The largest heading. The heart is solid, of bright light green color, very tender and crisp, without the slightest trace of bitterness found in most sorts. Pkt., 4c; ½ oz., 10c; oz., 20c; 2 oz., 35c; ¼ lb., 60c.

**White and Trianon Cos**—The Romaine Lettuce of the French. Leaves upright, very crisp, and in great favor with many people. Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 40c; ¼ lb., 60c.

## Leek

One ounce will sow 100 feet drill. A hardy species of onion.

**Large London Flag**—Broad leaves, of strong and vigorous growth. Pkt., 4c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50.

## Gourds, Etc.

Pkt., 5c, any variety; 6 pkts., 25c.

- |                 |                           |
|-----------------|---------------------------|
| Balsam Apple.   | Nest Egg Gourd.           |
| Balsam Pear.    | Orange Gourd.             |
| Dipper Gourd.   | Pomegranate.              |
| Garden Lemon.   | Ornamental Gourds, mixed. |
| Hercules Club.  | Sugar Trough Gourd.       |
| Luffa Dish Rag. |                           |

## Herb Seeds

Pkt., 5c, any variety; 6 pkts. for 25c.

- Anise.
- Borage.
- Basil Sweet.
- Catnip.
- Chicory.
- Coriander.
- Horehound.
- Dill.
- Marjoram Sweet.
- Lavender.
- Rosemary.
- Savory Summer.
- Savory Winter.
- Sweet Fennel.
- Sage.
- Thyme.
- Tansy.
- Wormwood.



Large London Flag Leek.

# Watermelons

One ounce to forty hills; three or four pounds to the acre.

How to plant and cultivate melons given on pages 5 and 6.

For Bulk Price List see pages 2 and 3. Price, any variety, 5c per packet; any three packets 10c, postage paid.

**New National**—Without doubt the best melon for early marketing. The flesh is a rich pink, crisp, tender and very sweet. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

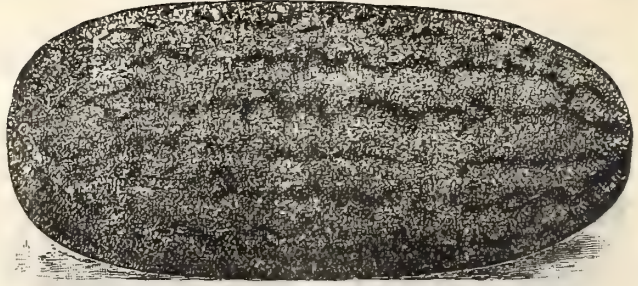
**Bradford**—A favorite above all others in sections where it has been grown; very productive. The melons grow to a large size, elongated in shape; rind dark green, with darker stripe; flesh red and remarkably tender and sweet. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.10.

**Halbert Honey**—One of the finest watermelons for the home garden, fully equal in delicious flavor to the celebrated Kleckley Sweets, but better and more uniform in color and shape. Skin dark glossy green; flesh beautiful crimson. 1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.50.

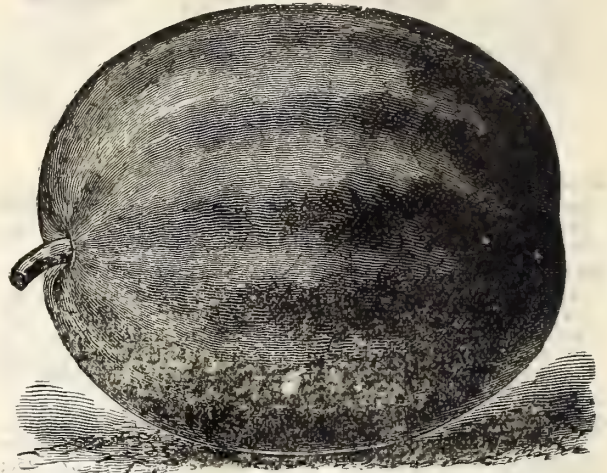
**Arkansas Traveler**—A large, long melon. Rind dark green, with waving stripes of black; interior always solid, the edible portion extending within half an inch of the skin; flesh brilliant red, sweet, tender, crystalline, very juicy and altogether quite superior. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25.

**Black Diamond**—Immense size; grows to average seventy-five to ninety pounds; rich, dark green, uniform, round to oval shape; flesh deep red, of fine quality. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., \$1.00.

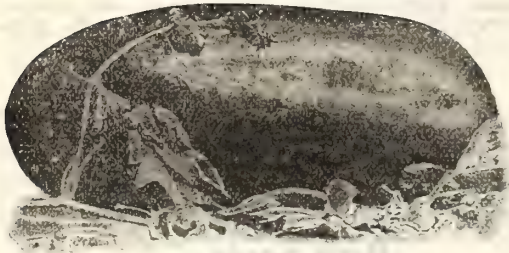
**Kleckley's Sweets**—A grand melon for the home table; large, oblong, twice as long as its diameter; skin very dark green, rind thin, only about half inch thick. Flesh is bright scarlet, sweet and melting. 1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.50.



**Halbert Honey Watermelon.**



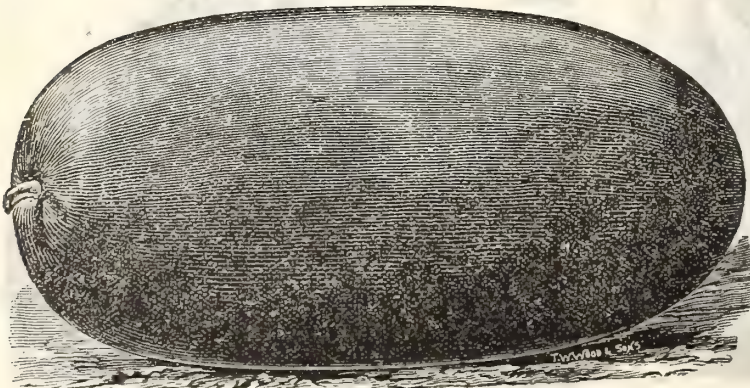
**Black Diamond Watermelon.**



**Alabama Sweets Watermelon.**



**Kleckley Sweets Watermelon.**



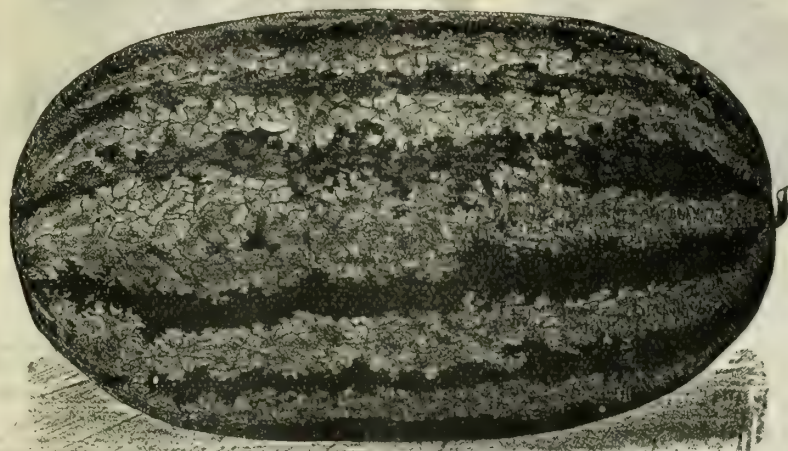
**New National Watermelon.**

**Alabama Sweet**—A very large, long melon of fine quality; very popular in the South, where it is grown extensively for shipping. Rind firm, rather dark green, slightly striped; flesh bright red, seed white. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00.

**Florida Favorite**—A splendid melon of largest size and excellent quality, fruit long, dark green mottled and striped with lighter shade; rind thin but firm; flesh very bright, deep red, very sweet, tender and excellent. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

**Cuban Queen**—Early, solid and heavy; skin striped light and dark green; has bright red flesh. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

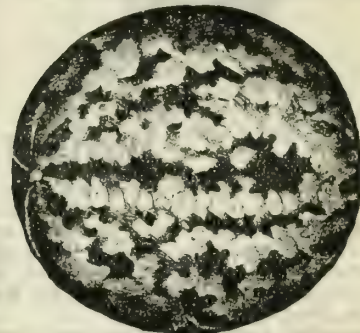
# Watermelons



*A Blanch White*  
Improved Georgia Rattlesnake Watermelon.



Jordan's Gray Monarch Watermelon.



Triumph Watermelon.



Gilbert's Three-Fold Watermelon.

Price, any variety, 5c per packet; 3 packets for 10c.

**Lone Star**—Oblong in shape, and of handsome appearance: quality very superior and exceedingly sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c.

**Harris' Earliest**—A new extra early variety, which ripens ten days ahead of any other sort. Melons very good size for extra early variety, weighing from fifteen to twenty pounds; flesh bright red, juicy and sweet. 1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., \$1.00.

**Improved Georgia Rattlesnake**—One of the finest strains of melon ever introduced. It is quite superior to the old original Rattlesnake Melon. Rind green, with darker green stripe. Shape of melon oblong, with butt ends. One of the largest. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.15.

**Improved Long Dixie**—A fine, long melon. It is of a very fine appearance, being a much darker green than Kolb's Gem and more beautifully striped. It is longer and extremely hardy, while its eating quality is unexcelled, being sweet and juicy and tender. Oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., 90c.

**Jordan's Gray Monarch**—A melon of large size and fine quality. Flesh deep red; rind gray. Oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., \$1.00.

**Triumph**—A Southern variety which has become very popular with shippers. The fruit is uniformly large, nearly round, dark green, sometimes indistinctly striped with a lighter shade and has a thin and firm rind which makes it an excellent shipper; flesh bright red and of good quality. Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 70c.

**Chilian**—A very brittle, thin-skinned variety, of the highest quality. It is slightly oblong; the skin is deep rich green, mottled and striped with a still deeper green; the flesh is bright red and the flavor is remarkably fine and sweet. Oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., \$1.00.

**The Lodi**—Well known and popular variety. Fruit large and oblong; skin green and slightly mottled; rind thin but tough; flesh bright red and sweet; seeds white. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00.

**Gilbert's Three Fold**—Southern grown seed. This is a very large, beautiful melon. The flesh is brilliant red, and it is remarkably crisp, sweet and delicious. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

We can also supply the following standard varieties, descriptions of which are well known. Prices as follows, postage paid.

Any variety, 5c per packet; 3 packets for 10c.

	1 oz.	2 oz.	¼ lb.	1 lb.
Kolb Gem	7	12	20	60c
Peerless or Ice Cream	8	15	25	75c
Seminole	7	15	20	60c
Mountain Sweet	8	15	20	60c
Sweetheart	8	15	25	60c
Duke Jones	7	12	20	60c
Pride of Georgia	8	15	25	75c
Georgia Rattlesnake	7	12	20	60c
Dixie	7	12	20	55c
Red Seed Citron	10	15	25	75c
Monte Cristo	10	20	35	1.00
Mountain Sprout	10	15	25	75c



Ohio Yellow Globe Onion.



Bloomsdale Large Leaved Mustard.

## Mustard

One ounce sows 10x30 feet, 4 or 5 lbs. per acre.

Planting instructions on pages 5 and 6.

Market Gardeners' Price List given on pages 2 and 3.

We pay the postage at the following prices:

**Ostrich Plume**—A beautiful mustard; large leaves and finely crimped; tender. Pkt., 3c; oz., 7c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 55c.

**Bloomsdale Large Leaved**—Forms immense plants; the leaves are tender, very large. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**Fordhook Fancy**—A distinct variety. Immense size and finely curled. Pkt., 4c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**Chinese Mammoth**—Immensely productive, the leaves being twice the size of ordinary mustard. Pkt., 4c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**Southern Giant Curled or Creole**—True curled leaf; produces plants which often grow two feet high and forming enormous bunches. Pkt., 3c; oz., 7c; 2 oz., 12c; ¼ lb., 18c; 1 lb., 50c.

## Onion

One ounce will sow 100 feet of drill; 3 to 4 lbs. to the acre.

Planting and culture directions given on pages 5 and 6.

We pay the postage at prices named below.

See pages 2 and 3 for bulk prices.

**Australian Brown**—A new variety which is fast becoming a favorite; it is of globular shape and brown in color; flavor is mild and sweet; it is very solid and proves to be a splendid keeper. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.90.

**Extra Early Red Globe**—An extra early, good yielder; medium size, solid and heavy; keeps well. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.85.

**Giant Yellow Prizetaker**—Grows to a large size; form very attractive, being almost globe-shaped; flesh pure white, fine grained, mild and delicate flavor; is a splendid keeper. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 55c; 1 lb., \$2.00.

**Ohio Yellow Globe**—The best of the yellow globe varieties.

The skin is bright, glossy, orange-yellow, and the flesh is white, and fine grained. Pkt., 5c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.50.

**Crystal White Wax**—This is a beautiful white Onion largely grown in Southwest Texas. Immense quantities are shipped from Texas to northern markets every summer. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

**Red Bermuda**—A very early, flat variety, used largely in the South for planting in the fall and marketing in the spring. The color is a pale red. Pkt., 5c; oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1 lb., \$2.50.

### ONION SETS.

One quart to twenty feet of drill; six to eight bushels, depending on size, to set an acre in drills. Prices are based on the present market rates, and are subject to change according to the market, without notice. Lowest market prices on small or large quantities will be given on application at any time. At bushel, peck and half peck prices the buyer pays the express or freight; at pint and quart prices we pay the postage. Bottom Sets and Potato Onions are sold 32 pounds to the bushel; White Multiplier and Egyptian by weight, 28 pounds for a bushel.

By Mail. By Exp. or Frt. at Postpaid. Purchaser's Expense.

	Qt.	½ Pk.	Pk.	Bu.
Yellow .....	20	40	70	\$2.50
Dark Red .....	25	50	85	2.75
White .....	25	50	90	3.00
Yellow Potato .....	35	60	1.00	3.50
Egyptian Tree .....	25	50	70	2.25

**White Multiplier Sets**—These are of a pure silvery white color, enormously productive; of excellent quality and size for bunching green, or can be ripened for use as pickling onions.

By mail: Pt., 20c; qt., 35c. By express: ½ pk., 60c; pk., \$1.00.

### STANDARD ONION SEED.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Large Red Wethersfield.....	5	15	25	50	\$1.70
Mammoth Silver King .....	5	20	35	60	2.00
Gregory Red Globe .....	5	20	35	60	1.90
Southport Red Globe .....	5	15	25	50	1.80
Southport White Globe .....	5	20	35	60	2.00
Yellow Globe Danvers .....	5	15	25	50	1.60

### ALFALFA BACTERIA

Inoculate your soil and make Alfalfa growing a success. High authorities and experts have shown where inoculation of the soil is absolutely necessary. To make a good catch and to raise Alfalfa on any kind of land, see page 54 for further information on this very important subject. Price of Alfalfa Bacteria for one acre, \$1.50. Full instructions sent with each order.

Strike now while there is a chance.



Southern Giant Curled Mustard.



Australian Brown Onion.



# Peas

One quart to 100 feet of rows, 2 to 3 bushels to the acre, 4 feet apart.

For prices of peas by bushel, see Bulk Price List, pages 2 and 3.

Culture directions given on pages 5 and 6.

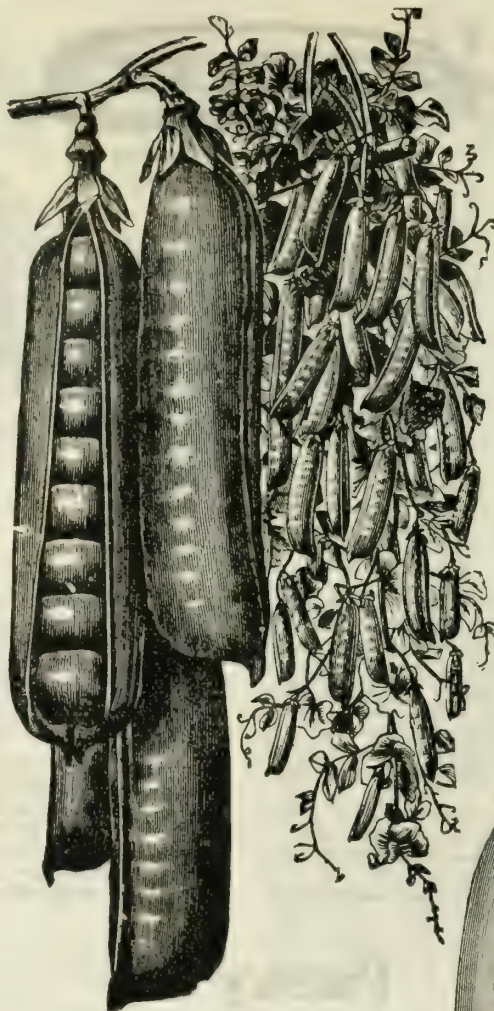
We pay the postage at prices quoted on quarts, pints and packets. If to go by express at buyer's expense you can deduct 15c from quart, 8c from pint and 2c from packet quotations.

## EXTRA EARLY VARIETIES.

Varieties marked with an asterisk (\*) are wrinkled peas, and should not be sown until the ground becomes warm, as they are more liable to rot.

**Thomas Laxton\***—A new early wrinkled variety of great merit. The vine grows about three feet high, much like that of the Gradus, or Prosperity, but more hardy and greatly more productive. Pods large, long, with square ends, similar to but larger, longer and handsomer than those of the Champion of England, and fully as uniformly well filled. The green peas are very large, fine colored, and unsurpassed in splendid quality. We are certain that this pea needs only to be known to become one of the most popular sorts for the market-gardener, and home garden. It certainly is one of the very best early peas ever produced. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c.

**Alaska**—Twenty-four inches. A very early, profitable market variety; also excellent for home use. Bears well filled, dark green pods, which can be shipped a long distance. Peas



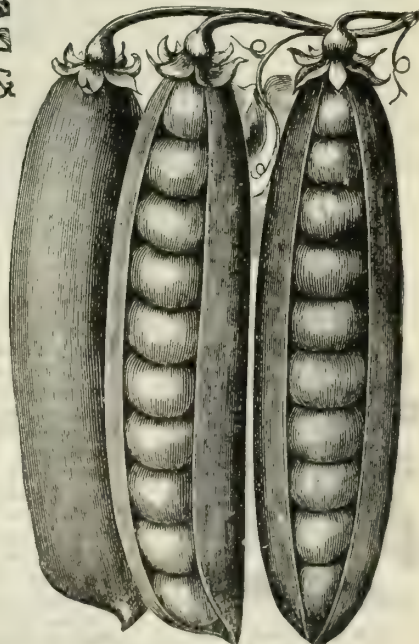
Schwill's Extra Early Market Peas.

round, blue. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c.

**Schwill's Extra Early Market**—All who have tried our Extra Early Market pronounce it worthy of first place. In this pea are combined not only earliness, but size and quality. Grows about thirty inches high. Vines vigorous, extremely prolific, the pods being numerous and well filled with smooth, round peas of good size and delicious flavor. Ripens early and with such uniformity that the vines can be stripped at one picking. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 50c.

**Gradus\***—Thirty inches; earliest large podded pea in existence. Not only large and of the highest quality, but nearly as early as round, smooth peas. Pods average four to six inches long, and contain eight to ten peas. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c.

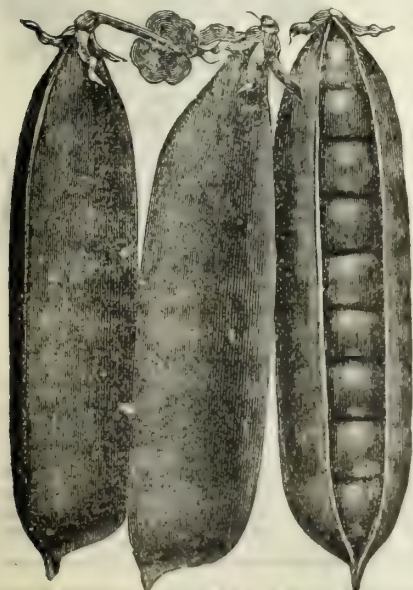
**Early Surprise\***—Early Dwarf pea, with immense pods and peas, vines from 16 to 18 inches high. The self-supporting, stout plants are fairly loaded with large, bright green pods, which are always well filled. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c.



Gradus, or Prosperity Peas.

## Our List of Vegetable Seeds

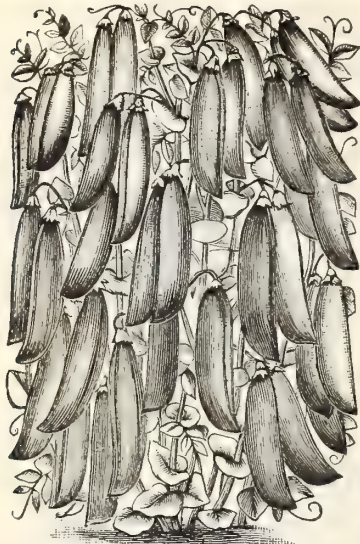
Embraces all the well-known standard varieties and such of the newer sorts as have proven of value. There are an endless number of new varieties introduced each year, and it is impossible for any one seedsman to give each a place in his catalogue. In this catalogue we have listed only such varieties as are the best types of the class they represent, and have proven satisfactory in our soils and climate.



Thos. Laxton Peas.

## PRICE LIST STANDARD PEAS.

	Height.	Pkt.	½ Pt.	Pt.	Qt.
American Wonder*	12 in.	10	15	25	45c
Early May	24 in.	10	15	20	40c
Extra Early Tom Thumb	10 in.	10	15	25	50c
First and Best	24 in.	10	15	20	40c
Nott's Excelsior*	15 in.	10	15	25	45c
McLean's Little Gem*	12 in.	10	15	25	50c
Rural New Yorker	30 in.	10	15	20	40c
Everbearing*	30 in.	10	15	25	45c
Prince of Wales*	24 in.	10	15	20	40c
Pride of the Market*	24 in.	10	15	25	45c
Tall Sugar Edible Pods	36 in.	15	20	35	60c



Telephone Peas.



Horsford's Market Garden Peas.

## Peas

### SECOND EARLY VARIETIES AND LATE VARIETIES.

**Fillbasket\***—Of vigorous habit and a heavy cropper; height two feet; large seed; green; wrinkled. The large, attractive pods, combined with the excellent quality of the peas, make it a very desirable and paying variety. Pkt., 10c; 1/2 pt., 15c; pt., 25c; qt., 50c.

**Alderman\***—A productive variety. Pods over three inches long and well filled, containing six to eight large wrinkled peas of excellent quality. Pkt., 10c; 1/2 pt., 15c; pt., 30c; qt., 50c.



Fillbasket Peas.

**Horsford's Market Garden\***—A very fine second-early green wrinkled variety. Vines two feet high; exceedingly prolific; pods are of medium size and well-filled with peas of finest flavor. Pkt., 10c; 1/2 pt., 12c; pt., 20c; qt., 40c.

**Telephone Peas\***—The favorite late variety for the market gardener. Extra large pods. Vine large, coarse leaves, height about four feet. The pods are very large and filled with immense peas, which are largest of any. Tender, sweet and of splendid quality and flavor. Pkt., 10c; 1/2 pt., 15c; pt., 25c; qt., 45c.

**Large White Marrowfat**—Well known productive sort, grows four feet high. Pkt., 10c; 1/2 pt., 12c; pt., 18c; qt., 35c.

**Large Black Eye Marrowfat**—Fine for market; matures late. Pkt., 10c; 1/2 pt., 12c; pt., 18c; qt., 35c.

**Champion of England Peas\***—An old variety, but considered by

many the best late tall growing sort; but must be bushed always. Prolific bearer of large pods well filled, with large wrinkled peas; quality is simply elegant; five feet high. Pkt., 10c; 1/2 pt., 12c; pt., 20c; qt., 40c.

**Melting Sugar (Edible Pod)\***—In this variety the entire pod is cooked in the same way as string beans. The vines attain a height of four feet. Pkt., 15c; 1/2 pt., 25c; pt., 35c; qt., 60c.

**Dwarf Gray Sugar**—Vines of dwarf growth, fifteen inches in height, with purplish blossoms. Sugar peas are not shelled, but pods are broken, cooked the same as string beans. Pkt., 15c; 1/2 pt., 25c; pt., 40c; qt., 60c.

**Mammoth Luscious Sugar**—The pods grow 6 to 7 inches long and 1 1/2 inches broad, are sweet and of most delicious flavor. Pkt., 15c; 1/2 pt., 25c; pt., 50c; qt., 70c.



White Velvet Okra.

## Parsley

One ounce will sow 150 feet of drill.

See pages 5 and 6 for planting and culture hints.

**Double Curled**—One of the best for market or private garden; a handsome dwarf, compact sort; leaves bright, pale green; extra curled and crimped. Pkt., 4c; oz., 8c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 65c.

**Champion Moss Curled**—Leaves beautifully curled and crimped. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 75c.

**Fern Leaved**—This beautiful variety is perfect in form and color, and one of the best for garnishing purposes and table decoration. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 70c.

**Hamburg**—The fleshy root resembles a parsnip, and is used for flavoring soups, etc. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 75c.

**Plain or Single**—Plain leaves of excellent flavor. Pkt., 3c; oz., 10c; 2 oz., 12c; 1/4 lb., 20c; 1 lb., 50c.



Double Curled Parsley.

## Okra

One ounce will plant 100 hills, or 60 feet of row, 3 to 4 lbs. to the acre.

How to Plant Okra—See pages 5 and 6.

Market Gardeners' Price List given on pages 2 and 3.

**White Velvet Pod**—A beautiful, prolific, smooth, round pod Okra. Tender and well flavored. Pkt., 3c; oz., 8c; 2 oz., 12c; 1/4 lb., 20c; 1 lb., 50c.

Postage Paid.

	Pkt.	1 oz.	2 oz.	1/4 lb.	1 lb.
Perkins' Mammoth Pod	3	8	15	20	50c
Early Dwarf Green	3	7	12	18	50c
Tall Long Green	3	7	12	18	50c



Chinese Giant Pepper.

### Squash

One ounce will plant 40 to 50 hills; 3 to 4 lbs. to the acre. Culture and planting instructions given on page 6. See special prices on pages 2 and 3 for market gardeners.

**Delicious**—One of the thickest meated and very best in quality. It is a fall and winter squash, being excellent at all seasons. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**White Bush Scalloped**—A very early variety, excellent for market purposes. Pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., 80c.

**Mammoth White Bush Scalloped**—It is a decided improvement on the old variety, being very much thicker in the center, and with little or no rim; a splendid market sort. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

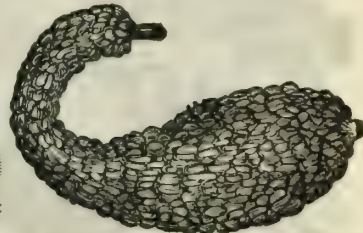
	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Boston Marrow	5	15	25	40	\$1.25
Hubbard	5	10	20	35	1.00
Cocoanut	5	10	15	25	.85
Giant Summer Crookneck	5	15	25	35	1.25
Yellow Crookneck	5	15	25	35	1.00
Golden Hubbard	5	15	25	40	1.25
Livingston Pie Squash	5	15	25	40	1.25



Mammoth Sandwich Island Salsify.



White Bush Scalloped Squash.



Giant Summer Crookneck Squash.

## Parsnip

One ounce will sow 200 feet of drill; 5 pounds required for one acre. Culture and planting directions on page 5.

Market Gardeners' Bulk Price List given on pages 2 and 3.

**Sugar, or Hollow Crown Parsnip**—Roots very long, white, smooth, tender. Pkt., 3c; oz., 7c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 50c.

**Long, Smooth Parsnip**—Roots very long, sugary and of most excellent flavor; very hardy. Pkt., 3c; oz., 7c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 50c.

## Pepper

One ounce will produce 1,000 plants, 4,000 plants will set an acre.

See pages 5 and 6 for culture and planting.

**Chinese Giant**—A very large, fine, mild red pepper. The plants are vigorous in growth, well branched and thickly set with enormous fruits. Fruits blocky, 4 to 5 inches broad, color brilliant scarlet. Pkt., 5c; ½ oz., 25c; oz., 50c; 2 oz., 75c.

**Tobasco**—Of tall, bush-like growth, producing small, very hot and fiery fruit, one inch in length; color vivid scarlet. Pkt., 10c; oz., 50c.

**Bull-Nose, or Improved Large Bell**—The standard sweet-flavored scarlet sort. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 60c.

**"Red Hot" Mixture**—Includes a great number of small and ornamental sorts, which are indeed just as "hot as fire." Pkt., 10c; 3 pkts, 25c.

**Mixed Mango Peppers**—A choice mixture containing a very large number of varieties suitable for stuffing, and mangoes. Pkt., 10c; 3 pkts., 25c.

	Pkt.	Oz.	¼ lb.
Chili Small—Very pungent	5	25	60c
Golden Dawn—Large bright yellow	5	20	60c
Long Red Cayenne	4	20	60c
Red Cherry—Bright red	5	20	60c
Ruby King—Fruit bright red	5	20	60c
Sweet Mountain—Mild flavor	5	20	60c
Celestial—Hot and pungent	5	20	65c

## Salsify or Oyster Plant

One ounce will sow 50 feet of drill; 6 to 8 lbs. to an acre.

See page 6 for planting directions; also pages 2 and 3 for Market Gardeners' special quotations.

**Mammoth Sandwich Island**—A mammoth, good variety; grows uniform and smooth. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.



Mammoth King Pumpkin.

## Pumpkin

One ounce will plant about 15 hills. One quart will plant an acre every fifth row in corn.

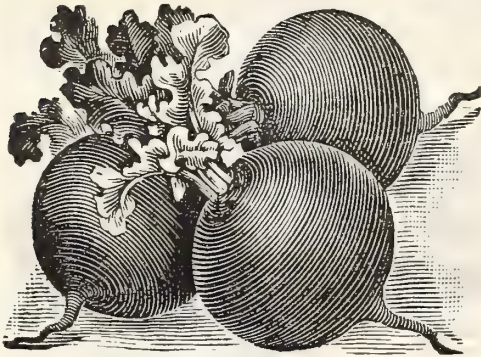
**New Golden Ribbed Oblong**—Flesh yellow, of rich and extra fine quality; fruits average 14 to 20 inches in length; good keeper. Pkt., 5c; oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., \$1.00.

**Mammoth King**—Fruits grow to enormous size. Salmon orange skin, very thick, bright yellow flesh, which is fine grained, tender and of excellent quality for pies. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Cushaw White	4	10	20	30	\$1.00
Cushaw Striped	5	15	25	40	1.50
Cushaw Golden	5	15	25	40	1.50
Japanese Pie	4	15	25	35	1.25
Red Etampes	10	20	35	50	1.50
Tenn. Sweet Potato	5	15	25	35	1.00
Kentucky Yellow Field	3	10	15	20	.50

# Radish

One ounce for 100 feet of drill; 8 to 10 pounds for an acre. We pay postage at the following prices: Culture and planting hints given on page 6. Bulk Price List, Market Gardeners' Prices given special on page 3.



Crimson Giant Radish.



French Breakfast Radish.



Carmine Extra Early Scarlet Radish.

## TURNIP SHAPED RADISHES.

**Crimson Giant**—On account of its very attractive color and shape it sells better than most other sorts. It is one of the earliest; in flavor it is mild, crisp, juicy and tender. It forms a small top and will stand a great amount of heat without becoming pithy. Pkt., 4c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**Non Plus Ultra**—This is one of the finest forcing radishes. It will mature in 18 or 20 days, and owing to the extremely small tops, can be sown very thickly. The roots are round, with deep scarlet colored skin; the flesh white, very crisp and tender. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c.

**Carmine, Extra Early Scarlet**—Brightest, round, red; short tops; fine forcing variety. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c.

**Scarlet Turnip, White Tip**—An extremely quick-growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. Pkt., 4c; oz., 8c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c.

**Early Scarlet Turnip**—The standard variety red turnip-shaped Radish, with small top and of very quick growth. Pkt., 4c; oz., 8c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Early White Turnip Radish...	3	7	12	20	50c
Model White Box .....	4	8	15	25	50c
Dark Red Ball .....	4	10	15	25	60c
Golden Globe .....	3	8	12	20	50c
Yellow Summer Turnip Rooted	3	7	12	20	50c
Forcing White Tip Scarlet Turnip .....	5	10	15	25	70c

## OLIVE SHAPED RADISHES.

**Early Scarlet Olive Shaped**—One of the best early radishes, very popular with truckers and for the family garden. Ob-long in shape, of a deep scarlet color, quick growing, crisp, and of excellent quality. Pkt., 4c; oz., 8c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 65c.

**French Breakfast**—Of quick growth; crisp and tender. Color scarlet, except at tip, where it is pure white. Pkt., 3c; oz., 7c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 50c.

**White Olive Shaped**—Beautiful shape, sweet and crisp in flavor. Pkt., 4c; oz., 8c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c.

**Golden Yellow Oval**—Bright golden yellow, distinct in shape; fine for market. Pkt., 4c; oz., 8c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c.

**Radish Mixture**—A superb mixture of all kinds of radishes, early, medium, fall, winter, Chinese, etc. Sow a row of it, and it will furnish you delicious radishes throughout the year. You will be surprised and delighted with our popular radish mixture. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c.

We pay the postage at prices named above. If to go by express at purchaser's expense, deduct 10c per pound from these prices.

## SWISS CHARD, OR SPINACH BEET.

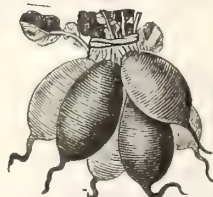
This Beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed in early spring, in drills 1½ feet apart. Good cultivation will increase the delicacy and tenderness of the leaves.

Swiss Chard—Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.

**WE PAY POSTAGE** on all Vegetable and Flower Seeds offered in this list by the packet, ounce, quarter-pound, pound, pint or quart, unless otherwise noted. We guarantee safe delivery by mail, postage prepaid.



Scarlet Turnip White Tip Radish.



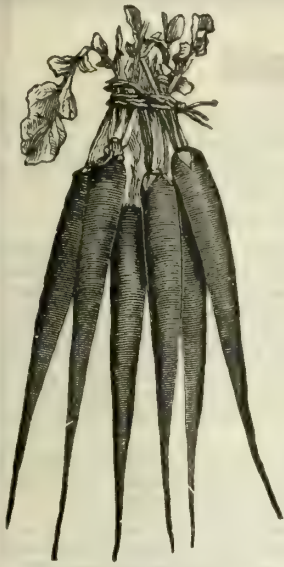
Golden Yellow Oval Radish.



Scarlet Olive Shaped Radish.



Early Scarlet Turnip Radish.



Early Long Scarlet Short Top Radish.

# Radish

## LONG RADISHES.

**Brightest Long Scarlet**—A decided improvement in earliness and color over other varieties of its class. Fit for use in about 25 days, when planted outdoors; has a small top and no neck; bright scarlet color. Pkt., 4c; oz., 8c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 60c.

**Half-Long Deep Scarlet**—Color a deep, rich red. Shape half-long and tapering. Flesh pure white, crisp, tender and brittle. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 65c.

**Long White Vienna**—Beautiful in shape; skin and flesh pure white; very crisp and brittle; a most rapid grower, and long standing. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Early Long Scarlet Short Top	3	7	12	20	50c
Chartier or Shepard	3	7	12	20	50c
Red Delicious	3	7	12	15	45c
White Delicious	3	7	12	15	45c
Munich or Beer	3	7	12	15	45c



Chinese Rose Winter Radish.

## WINTER RADISHES.

**White Chinese, or Celestial**—For sowing either in the fall or spring; mild in flavor, crisp and never woody. Flesh and skin white. Pkt., 4c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.

**Rose China Winter**—Roots cylindrical; color bright rose; flesh white and of superior quality. Pkt., 3c; oz., 8c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 50c.

**Long White Spanish**—Flesh white, firm. Grows 6 to 8 inches long. Pkt., 3c; oz., 7c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 60c.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Long Black Spanish	3	7	12	20	50c
Round Black Spanish	3	7	12	20	50c

## Rhubarb or Pie Plant

One ounce sows 80 feet, six pounds to an acre. Sow seed in March and April. Plant either spring or fall.

**Victoria**—The most desirable variety. Pkt., 5c; oz., 25c; 2 oz., 45c.

**Victoria Rhubarb Roots**—Small roots. Ea., 10c; doz., 75c. If to be mailed, add 5c each for postage.

**Large Clumps**—Ea., 20c; doz., \$1.50; by express.

**Crimson Winter Rhubarb**—A new sort, originated with Mr. L. Burbank; comes true from seed the first season; large, bright red stalks of finest quality. Pkt., 10c.

## Tobacco

**Kentucky Burley**—A standard, good variety; succeeds where other sorts fail. Pkt., 10c; oz., 20c.

**Connecticut Seed Leaf**—The best sort for cigar wrappers. Pkt., 10c; oz., 25c.

**Sterling**—White leaved. A large yielder. Pkt., 10c; oz., 25c.

**Havana**—This is the genuine article, and is first-class. Pkt., 10c; oz., 25c.

**Virginia One-Sucker**—Very early and a good yielder. Pkt., 10c; oz., 25c.



Round Leaved Summer Spinach.



Rhubarb Plant.



Brightest Long Scarlet Radish.

## Spinach

One ounce for 100 feet of drill; 8 to 10 pounds in drills for an acre.

How and when to plant spinach given on page 6.

Market Gardeners refer to special prices on page 3 of catalogue.

**Round-Leaved Summer**—One of the best for market or family gardens; good spring sowing. Pkt., 3c; oz., 5c; ¼ lb., 15c; 1 lb., 35c.

**Long-Standing**—A distinct variety, standing from two to three weeks longer than any of the other sorts without going to seed. Pkt., 3c; oz., 5c; ¼ lb., 15c; 1 lb., 40c.

**Prickly**—An exceedingly hardy and productive variety, adapted for fall sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c.

**Bloomdale or Curled Savoy**—Standard market sort. Pkt., 3c; oz., 5c; ¼ lb., 15c; 1 lb., 35c.

**Broad Leaved Flanders**—A fine selection of the old lettuce-leaved Spinach; for summer use it is excellent. Pkt., 3c; oz., 5c; ¼ lb., 15c; 1 lb., 40c.

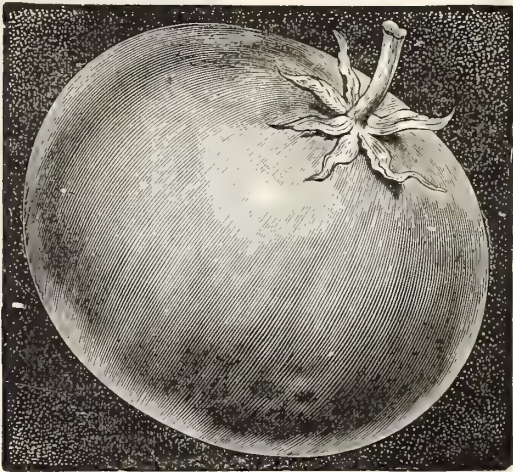
**New Zealand**—Grows 1½ feet high, and if transplanted two by three feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., \$1.00.

## Sorrel

**Large French**—Largely cultivated for use as a salad; perfectly hardy and comes up each spring. May be cooked like spinach, which it resembles. Pkt., 5c; oz., 20c; 2 oz., 35c.

**Our Fruit Trees  
Are Extra Good.  
Send Us an Order  
and See the  
Difference Over  
the Usual Stock  
Furnished by  
Nursery Agents.**

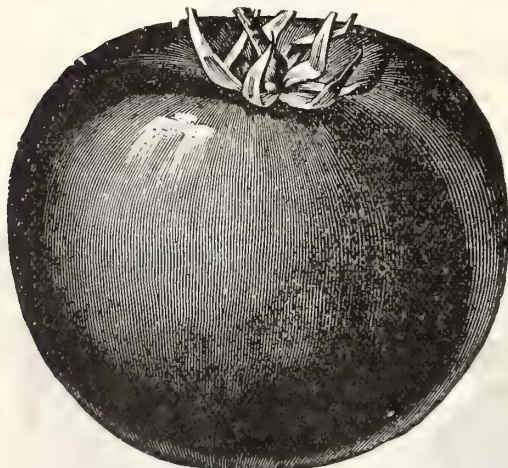
## Tomato



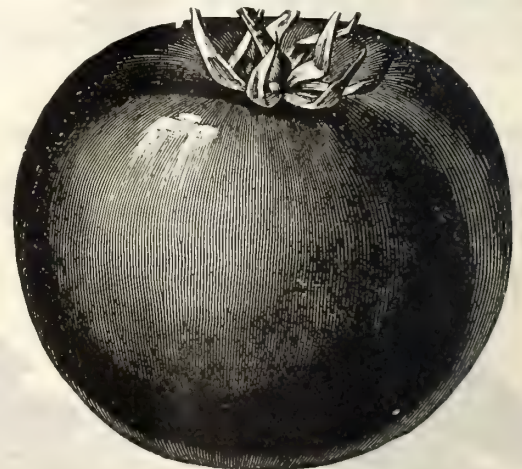
Early Acme Tomato.



Earliana Tomato.



Magnitude Tomato.



Buckeye State Tomato.

One ounce to 1,500 plants;  $\frac{1}{4}$  lb. to transplant one acre. See page 6 for planting and cultural instructions.

Market gardeners and trucksters wanting seed by the pound and more, see page 3 for special prices.

### EXTRA EARLY AND EARLY VARIETIES.

**Earliana**—The earliest smooth, bright red tomato of good size. It is so far superior in hardiness, sure-setting of fruits, size and smooth uniform shape, that it is now planted exclusively in this section. The plants are compact in growth, with short, close-jointed branches, setting fruits very freely. The tomatoes are quite uniform in size and of smooth, regular form, averaging 3 inches in diameter and from 2 to  $2\frac{1}{2}$  inches in depth; they are fleshy, solid, and excellent for shipping purposes. Pkt., 5c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c;  $\frac{1}{4}$  lb., 90c.

**Burpee's Earliest Pink**—Fruit of medium size; ripens fully as early as Earliana, but a beautiful pink shade. Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., \$1.00; 2 oz., \$1.50;  $\frac{1}{4}$  lb., \$2.00.

**Early Acme**—Ripens early; of medium, uniform size; glossy red, with purplish tinge; round and smooth; free from cracks; an excellent tomato for market gardeners' use. Pkt., 4c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 45c;  $\frac{1}{4}$  lb., 70c.

### MEDIUM AND LATE TOMATOES.

**Buckeye State**—One of the best late purple-fruited varieties. The vine is exceptionally strong growing and vigorous and growers in some sections of the South claim that it is blight proof. It should be given more room than most. Fruit very large, round, smooth and firm. An excellent shipper. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 40c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Magnitude**—A new, very fine, large variety, the color of Beauty and Acme. Very heavy and solid, with firm flesh, and grows in large clusters. The fruit is deep and almost round. It ripens even and does not crack. Pkt., 5c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**Dwarf Stone**—The largest dwarf tomato. A beautiful deep scarlet color; perfectly shaped; free from cracks; ripens evenly and is very solid; requires no tying up or pruning. Pkt., 5c;  $\frac{1}{2}$  oz., 25c; oz., 50c; 2 oz., 75c;  $\frac{1}{4}$  lb., \$1.25.

**Mansfield Tree**—Of treelike form, will grow 8 to 9 feet, fruit very large purple red; solid and of fine quality. Will bear a long time. Pkt., 10c;  $\frac{1}{2}$  oz., 50c; oz., 75c.

## Mixed Chicken Feed for Poultry.

make your hens lay. The variety does the work. While the present stock lasts, bag of one hundred pounds, \$2.00.

We have prepared a mixture of Grain and Seeds, such as Buckwheat, Millet, Wheat, Cracked Corn, Oyster Shell, etc. Best food in the market. Will

# Tomato

**Baltimore Prize**—In this Tomato you have both quantity and quality; it is one of the largest of the tomato family, specimens often weighing 2 or 3 pounds each; is of dark crimson color, with very solid meat and exceptionally free from seed, of fine sweet flavor. Pkt., 5c; ½ oz., 25c; oz., 50c; 2 oz., 75c; ¼ lb., \$1.25.

**Baltimore Queen**—Large, smooth and very solid; deep red; smooth and regular in shape; quite deep through; solidly meaty, with very few seeds. Pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00.

**Beefsteak Tomato**—This grand new variety is a monster of the tomato family, the tomatoes often weighing 2 to 3 pounds each, of a rich, bright crimson color and all solid meat. Pkt., 5c; ½ oz., 20c; oz., 40c; 2 oz., 75c; ¼ lb., \$1.25.

**Crimson Cushion**—One of the largest tomatoes ever introduced. It is a handsome red color, very solid, with only a few seeds and free from rot. Pkt., 5c; ½ oz., 25c; oz., 50c; 2 oz., 85c; ¼ lb., \$1.25.

**Matchless**—A great favorite for both market and family use. Produces uniformly large, bright red fruit throughout the season. Flesh very solid and heavy. Pkt., 4c; ½ oz., 15c; oz., 30c; 2 oz., 50c; ¼ lb., 90c.

**Ponderosa**—One of the largest varieties grown; very smooth, meaty and has few seeds. The color is brilliant scarlet crimson. Splendid sort for the home garden. Pkt., 5c; ½ oz., 25c; oz., 40c; 2 oz., 70c; ¼ lb., \$1.25.

**Stone**—This is the heaviest and most solid-fruited of the large tomatoes; of good quality; vines vigorous and productive; fruit round, very large; deep red in color. Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 70c.

**Magnus**—Fruit large, dark red in color, and perfectly smooth. The flesh is solid and of excellent flavor. It ripens evenly and quickly. Much used for canning purposes. The foliage is heavy, wide-leaved. It is a favorite market variety in certain sections. Pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00.

**Golden Queen**—Best large yellow tomato. Quality excellent in all respects. Pkt., 5c; ½ oz., 15c; oz., 25c; 2 oz., 45c; ¼ lb., 75c.

**Truckers' Favorite**—Fruit large, in clusters of four or five. Color a rich, glossy crimson. For early market it cannot be excelled. Pkt., 4c; ½ oz., 15c; oz., 25c; 2 oz., 50c; ¼ lb., 70c.



Baltimore Prize Tomato.

### WELL KNOWN STANDARD TOMATOES.

	Pkt.	½ oz.	1 oz.	2 oz.	¼ lb.
Beauty	3	10	20	35	60c
Favorite	3	10	20	30	60c
Imperial	4	15	25	40	70c
Perfection	4	10	20	35	55c
Large Trophy	4	10	20	35	55c

### SCHWILL'S PACKET SEEDS

Are full size and contain the best and freshest seeds: If you want quality and quantity and splendid vegetables and flowers, always order Schwill's Seeds. Remember we pay the postage on all seeds at packet, ounce, two-ounce, quarter pound, half and one pound rates.

### Odd Tomatoes

**Red Cherry**—Small bright red fruit, resembling a cherry.

**Red Pear**—Fruit handsome and solid, fine for preserving.

**Red Plum**—Bright round red for many uses.

**Yellow Pear**—Fine pear-shaped fruits.

**Yellow Peach**—A beautiful golden color, excellent for preserves.

**Yellow Plum**—Smooth fruits; color lemon yellow.

**Strawberry**—Winter cherry or husk tomato; makes fine sauce.

Price any of the above 7 varieties 5c per packet, or all 7 packets for 25c; ½ oz., 25c; oz., 35c.

All trees, plants and vines that comprise nursery stock will be forwarded to purchaser as soon as the weather conditions will permit them to be planted in your section, but must be sent separate from seed orders.



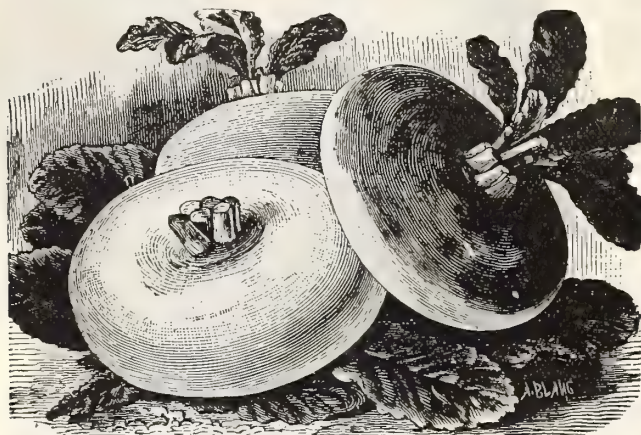
Yellow Pear Shaped Tomato.



Ponderosa Tomato.

# Turnips

One ounce will sow 100 feet of drill; 2 pounds per acre broadcast. Planting directions given on page 6. See page 3 for Market Gardeners' and Truckers' price list. We pay the postage at the following prices: If wanted by express at buyer's expense, you can deduct 8c per pound from following prices:



**Red or Purple Top Strap-Leaved Turnip.**

**Extra Early White Milan**—Fine for spring sowing. Matures 2 weeks ahead of the other flat-shaped varieties. Pure white flesh of mild flavor. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c.

**Extra Early Purple Top Milan**—A flat, purple top variety, resembling the Early Red or Purple Top very closely, but is two weeks earlier. Perfect in shape and color. Pkt., 4c; oz., 7c; 2 oz., 12c; ¼ lb., 25c; 1 lb., 60c.

**Red or Purple Top, Strap-Leaved**—This is an early variety; form flat, like a broad disc, and of medium size; color purple or dark red above ground; white below; flesh white, fine-grained and tender. Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 35c.

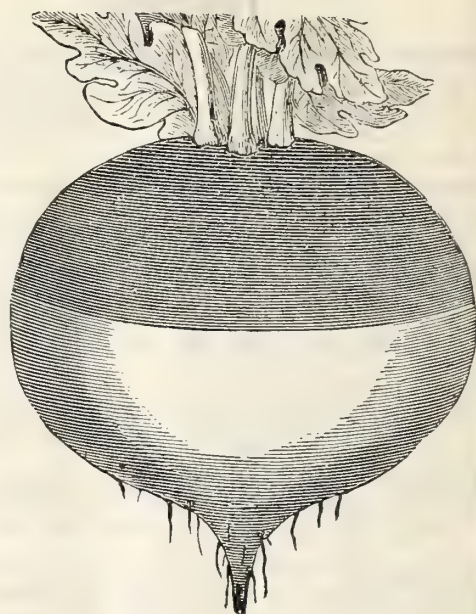
**White Egg**—A quick-growing, egg-shaped, perfectly smooth, pure white variety, with small top and leaves. The flesh is very sweet, firm and mild. Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 50c.

**Mammoth Purple Top Globe**—Makes large globe-shaped roots; very productive and largely used for table, market and stock. Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 45c.

**American Red White Top Globe**—This variety has been grown and improved for years to meet the wants and trade of the most critical market gardeners. It is of fine form, bright red top, perfect globe shaped, round and smooth; far superior to the ordinary Purple Top Globe stock. Pkt., 4c; oz., 10c; 2 oz., 12c; ¼ lb., 20c; 1 lb., 50c.

**Early Flat Dutch**—A very quick-growing white variety, adapted for spring sowing. Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 35c.

**Early Snowball**—Small, solid, sweet and crisp, one of the best for table use. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.



**Colossal Ruta Baga.**

**Dixie Land**—Hardy, large white winter Turnip; stands the coldest winters; a Southern variety. Price same as Red Top Globe.

**Frost King**—Fine keeper, stays in the ground all winter; good for table or stock. Price same as Red Top Globe.

**Mixed Turnips**—This mixture contains all the early, medium and late varieties and "salad" varieties for "greens." Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 40c.

## WELL KNOWN TURNIPS.

We can also supply the following standard varieties of Turnip, which need no description, at a uniform price: Pkt., 3c; oz., 5c; 2 oz., 10c; ¼ lb., 12c; 1 lb., 35c; postage paid.

Large White Globe.

Large White Norfolk.

Long White Cow Horn.

Pomeranian Globe.

Large Amber Globe.

Golden Ball.

Yellow Aberdeen.

Imp. Purple Top Rutabaga.

Seven Top Winter Greens.

Sweet German.

Imperial Rutabaga.

## Ruta Baga

### RUSSIAN OR SWEDE TURNIP.

**Colossal Rutabaga**—The finest of all Swedes. Oval in shape, slightly oblong; always remains sound; flesh a beautiful yellow color; sweet, tender, juicy and nutritious. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c.

**Carter's Elephant**—The largest and heaviest-yielding yellow-fleshed sort. It produces large, oval-shaped roots; flesh very solid, fine-grained, and will keep solid and hard much longer than the small varieties. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c.

**Finest Yellow**—A superior all yellow Rutabaga in flavor and richness; it is superior to any; it is especially for garden cultivation. Pkt., 5c; oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c.

## FARM SEEDS

Prices named in this department are subject to important market changes. Quotations are net and are not subject to premium or discount which is offered on other seeds. Clover and Grass Seeds are constantly varying in value, and we issue a Price List daily during the busy season. Please write for quotations, sending list of requirements,

when in need. Orders sent us will be given benefit of lowest prices on day order is received. Will take pleasure in mailing samples and quoting inside prices at any time on large orders.



# Flower Seeds

Nature's favorite method of plant reproduction is by seeds, and in this way great numbers of plants can be produced at the least expense; also such plants, as a rule, are more vigorous and more free from any constitutional defects of vitality. Gardeners, therefore, prefer this method of raising plants whenever it is available, as it is in the case of most annual, biennial and perennial plants. A dollar's worth of seeds will produce more plants than \$5.00 would buy.

**How to Plant Flower Seeds**—Information and helpful instructions given on page 6.

Low Prices on Flower Seeds in Papers.

All 5c Packets 3 for 10c; 8 for 25c; 17 for 50c; 35 for \$1.00, postage paid.

All 10c Packets 3 for 25c; 8 for 50c; 15 for \$1.00, postage paid.

All Flower Seeds are delivered free to any postoffice in the United States and Canada.

**Alyssum**—Free flowering annual, of quick growth, beginning to bloom in early spring and continuing for a long time. Excellent for borders for flower beds, as it is of close, compact growth and even in height. Sow seed thinly in shallow drills where plants are to stand.

**Alyssum, Sweet**—The ordinary variety, growing eight to ten inches in height; producing spikes of small, fragrant white flowers. Pkt., 3c; oz., 25c.

**Alyssum, Little Gem**—A distinct and attractive dwarf strain. Plants very dwarf, spreading and uniform in growth, 3 to 4 inches high. Plants begin blooming when 2 inches high and continue long through the season. Fine for borders and edgings. Pkt., 5c; oz., 40c.

**Alyssum, White Carpet**—Clear white; flowers profusely. Pkt., 5c.

**Abronia**—Pretty trailing plant; annual. Pkt., 4c.

**Acrolinium**—Everlasting annual border plant. Pkt., 3c.

**Adumia**—Allegheny vine; beautiful climber. Pkt., 4c.

**Adonis**—Pheasant's eye; very pretty; mixed. Pkt., 3c.

**Ageratum**—Exquisite, feathery flowers; mixed. Pkt., 3c.

**Agrostemma**—Rose of Heaven; mixed colors. Pkt., 3c.

**Amaranthus**—Tricolor; Joseph's Coat. Pkt., 3c.

**Amaranthus, Caudatus**—Love Lies Bleeding. Pkt., 4c.

**Argemone**—Beautiful foliage and flowers; mixed. Pkt., 3c.

**Asperula**—Sweet Woodruff; hardy annual. Pkt., 3c.

**Antirrhinum (Snapdragon)**—One of the most beautiful and useful plants, blooming the first season from seed. Pkt., 5c.

## Asters

This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high.

**Aster, Mixed**—A general mixture of all colors. Pkt., 3c.

**Aster, China Mixed**—Well-known, hardy variety. Pkt., 4c.

**Aster, Jewel or Ball**—Flowers long stemmed; fine for cutting; all colors mixed. Pkt., 10c.

**Aster, Queen of the Market**—Graceful, spreading flower; the earliest to bloom. Pkt., 10c.

**Aster, Japanese or "Tassel"**—The flowers are of immense size, measuring from 5 to 6 inches in diameter, with long petals curiously twisted; mixed colors. Pkt., 10c.

**Aster, Victoria**—Plants of this magnificent race bear from 10 to 20 fine, beautifully reflexed flowers in an elegant pyramid about 18 inches high; all colors mixed. Pkt., 10c.



**Antirrhinum  
Snapdragon.**



**Sweet Alyssum.**

**Aster, Truffaut's Peony-Flowered Perfection**—Flowers very large and double, the petals beautifully incurved; one and one-half feet; brilliant colors; mixed. Pkt., 10c.

**Christmas Tree Aster**—On account of the branching habit, much resembling the regular arrangement of the twigs on a fir tree, this Aster is certainly the most striking among the many varieties now in existence. The plants attain a height of 15 to 20 inches and measure 24 to 28 inches at the base. The Christmas Tree Aster comes into bloom medium early, and is so profuse in flowering that plants are often covered with 70 to 100 well developed flowers, of which always one appears at the end of each stem. Besides this, every flower stem bears a great number of small buds all down the stalk, which make very nice button-holes. The flowers are of medium size, 1½ to 2 inches in diameter, are perfectly double and finely imbricated; mixed colors. Pkt., 10c.

**Simple Aster**—The flowers are immense—often 4 inches across—the petals are curiously curved and twisted like a beautiful Japanese Chrysanthemum. The colors are superb—soft, deep, pink, crimson, snow-white and purple. Flower stems often 12 inches long, which makes it fine for cutting. The plant grows 2 feet high and needs plenty of room, as it throws up innumerable flower stems.

Simple Purple Aster—Pkt., 10c.

Simple Pink Aster—Pkt., 10c.

Simple Crimson Aster—Pkt., 10c.

Simple White Aster—Pkt., 10c.

Simple Mixed, All Colors—Pkt., 10c.

**Balsam Apple**—Balsamina; curious fruits; fine climber. Pkt., 4c.

**Bachelor's Button**—It has been so perfected that fully 80 per cent of the flowers are double and semi-double; are also



**Balsamina, or Balsam Apple.**



**Bachelor's Button.**



**Simple Branching Aster.**

# Flower Seeds

increased in size and present many colors and distinct markings, which have hitherto been unknown in this old-fashioned favorite flower. Pkt., 5c.

**Balsam Lady's Slipper**—Magnificent for outdoor planting, producing in gorgeous profusion flowers of the most beautiful and varied colors; half hardy perennial. Double; mixed colors. Pkt., 5c.

**Balsam Pear**—*Charantia*; pear shape. Pkt., 4c.

**Balloon Vine**—Rapid grower; annual; climber; 16 feet. Pkt., 4c.

**Brachycomb**—Swan River Daisy; mixed. Pkt., 3c.

**Browalia**—*Amethyst*; fine bedding plant; mixed. Pkt., 3c.

**Cosmos, Giant Flowered Fancy**—Flowers measure from  $4\frac{1}{2}$  to 5 inches across; petals fringed, pinked, toothed and plain, and in color from pure white through shades of pink and red to rich dark red. Giant Crimson, pkt., 10c; Giant White, pkt., 10c; Giant Pink, pkt., 10c; Giant Mixed, pkt., 10c.

**Cosmos, Dwarf, Early-Flowering**—Of compact, bushy growth (only about 4 feet), with flowers fully as large as the older sorts. This has proved to be a most popular variety. Pkt., 5c.

**Cosmos, Choice Mixed**—All colors. Pkt., 3c.

**Canary-Bird Vine**—A beautiful, rapid annual climber. Pkt., 5c.

**Canna, Crozy's New Dwarf**—One of the most popular of bedding plants. They will bloom the first year from seed, if you soak them in very hot water over night; sow singly in small pots as soon as convenient, and grow as rapidly as possible. Pkt., 5c.

**Cockscomb, Giant Empress**—Very dwarf immense crimson comb. Pkt., 10c.

**Cockscomb, Choice Mixed**—Choice mixed of all sorts and colors. Pkt., 4c.

**Calliopsis**—California Sunbeams. Very handsome and showy flower; annual; 2 feet; mixed. Pkt., 5c.

**Cypress Vine**—This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees it is hardly excelled. Mixed colors. Pkt., 3c.

**Centaurea Cyanus**—Cornflower; Ragged Robin; annual. Pkt., 3c.

**Candytuft, Mixed**—All sorts in mixture. Pkt., 3c.

**Calandria**—Bright, attractive flowers; mixed. Pkt., 3c.

**Calampelis**—Fine climber; yellow flowers; 10 feet. Pkt., 3c.

**Callirhoe**—Free flowering; pretty flowers; tender. Pkt., 3c.

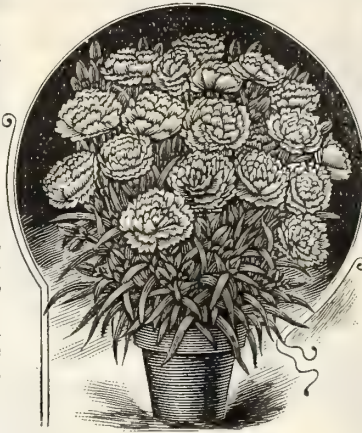
**Clarkia**—Continuous bloomer; charming flower. Pkt., 3c.

**Coreopsis**—Fine for cutting; graceful flowers. Pkt., 3c.

**Columbine**—Flowers showy and luxuriant. Pkt., 3c.

**Canterbury Bells**—*Campanula*. Bell-shaped flowers; mixed. Pkt., 3c.

**Carnation, Marguerite**—Blooms four months after sowing. Good for bedding or pots. Plants are dwarf, flowering very profusely. Blooms double and ranging through the various shades of red, pink, white, etc. Pkt., 10c.



Marguerite Carnation.



Double Balsam.

**Calendula**—Pot Merigold. Fine double flowers; mixed. Pkt., 3c.

**Cobea Scandens**—Cups and Saucers Vine. A climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc. Large, bell-shaped purple flowers. Pkt., 5c.

**Daisy, Shasta**—Originated with Mr. Luther Burbank, of California; flowers snowy white, with yellow center; extremely large and graceful; freely produced on strong, wiry stems, about 2 feet in length. Sow early in shallow, well-enriched boxes of sandy soil in the house, keeping quite moist. Transplant to a rich, sunny location in open air as soon as ground can be worked. Pkt., 15c.

**Daisy, Double**—An old favorite; hardy perennial; mixed. Pkt., 10c.

**Dahlias**—Dahlias are easily grown from seed and bloom the first season as well as if grown from roots. Start seed early in the house to secure a long blooming season. Double; mixed; all colors. Pkt., 10c.

**Eschscholtzia**—California Poppy. Showy annual. Pkt., 3c.

**Eschscholtzia, Golden West**—Beautiful canary yellow, extra large. Pkt., 5c.

**Euphorbia**—Mexican Fire Plant. Fine foliage. Pkt., 4c.

**Four O'Clock**—A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annuals; mixed varieties. Pkt., 3c.



Giant Flowering Cosmos.



Double Dahlia.



Calliopsis, or California Sunbeams.

## 10c Trial Collection

Five packets of Flower Seeds, postpaid, for 10c. One packet each of Sweet Alyssum, Mignonette, Pansy, Poppy, Sweet Peas, all fresh Seeds, mailed on receipt of price and name and address of three people who buy seeds. The collection cannot be changed.

# Flower Seeds



Forget-Me-Not.



Foxglove—Digitalis.



Double Larkspur.



Imperial Japanese Morning Glory.

**Forget-Me-Not (Myosotis)**—A modest little flower; to friendship ever dear. Pkt., 4c.

**Foxglove (Digitalis)**—One of the most striking flowers; tall, stately and handsome; of easy culture. Pkt., 4c.

**Gourds**—Small ornamental sorts. The vines are of rapid growth, with luxuriant foliage; 10 to 15 feet high; mixed; many beautiful kinds. Pkt., 4c.

**Gaillardia**—Blanket flower; fine for bouquets; mixed. Pkt., 3c.

**Gilia**—Splendid for massing in beds; mixed. Pkt., 3c.

**Godetia**—Attractive; hardy annual; mixed. Pkt., 3c.

**Gomphrena**—Bachelor Buttons. Pretty annual. Pkt., 3c.

**Gypsophila (Baby's Breath)**—A plant that should be in all flower gardens, as it is not only pretty in beds, but there is no other plant that lends more daintiness to bouquets of whatever kind; 1½ feet. Pkt., 4c.

**Humulus Japonicus (Japanese Hop)**—Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. Pkt., 5c.

**Hyacinth, or Jack Bean**—A rapid-growing annual climber; flowering freely; for covering arbors, trellises, etc.; mixed; all colors. Pkt., 3c.

**Hyacinth Bean, Daylight**—This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had, by the middle of July, attained a height of over 10 feet, and was covered with spikes of snow-white, pea-shaped blossoms from then until late fall. Pkt., 10c.

**Helichrysium**—Straw or Eternal Flower. Hardy annual; 2 feet. Pkt., 4c.

**Hollyhock**—Double mixed; all colors. Pkt., 5c.

**Hollyhock, Double White**—Immense white blooms. Pkt., 10c.

**Hollyhock, Chater's Superb**—Mixed. A magnificent double flower 3 or 4 inches across, and all of the brightest colors. Pkt., 10c.

**Heliotrope**—Fragrant plants; splendid for bedding and ribboning; 18 inches; mixed. Pkt., 10c.

**Hunnemannia Fumarifolia**—Don't fail to save a spot in the garden for this beautiful flower. This most beautiful plant forms a shrubby bush 2 feet in height, with finely-cut foliage, similar to that of the Eschscholtzia. The color is

a clear, brilliant yellow, the petals resembling crushed satin. The flowers will keep in water for several days. Seed should be sown quite early in the spring, in shallow drills, where the plants are to bloom, as they do not stand transplanting. Pkt., 10c.

**Ice Plant**—Pretty trailer for baskets. Pkt., 4c.

**Kochia, or Summer Cypress (Kochia Tricophylla)**—A highly ornamental annual of unusually rapid growth, which forms regular pyramids from 2 to 3 feet in height, having a cypress-like appearance. The leaves are slender and of a light pea green until September, when they change to a carmine and blood-red. Its bright autumn coloring has given it two other names—"Mexican Fire Plant" and "Burning Bush." Pkt., 10c.

**Larkspur, Double Fine Mixed**—Many varieties and colors. Pkt., 5c.

**Linum**—Scarlet Flax. Showy annual. Pkt., 3c.

**Lychnis**—Beautiful colored border plants. Pkt., 3c.

**Lobelia**—Neat, graceful trailing plant. Pkt., 5c.

**Marigold, Tall Mixed**—Fine plant; flowers golden yellow. Pkt., 4c.

**Mignonette, Sweet**—Well-known fragrant annual. Pkt., 3c.

**Mignonette, Matchett**—Dwarf, massive red spikes. Pkt., 5c.

**Morning Glory, Mixed**—All colors. Pkt., 3c.

**Morning Glory, Double Flowering**—About 80 per cent of the seedlings will produce double flowers, the remainder semi-double or single. Pkt., 10c.

**Morning Glory, Imperial Japanese**—One of the grandest climbers. Their chief "glory" lies in the unusual size of the flower, measuring 4 to 6 inches across, and in limitless variety of shadings, colorings and markings. The foliage is quite ornamental, some mottled and checkered; some rich, vivid green; others silvery white; others yellow. Pkt., 5c.

**Nigella**—Love in a Mist. Mixed colors. Pkt., 3c.

**Nicotiana Affinis**—Ornamental tobacco plant. Pkt., 4c.

**Nemophila**—Love Grove. Compact habit; bright colors. Pkt., 4c.

**SYRINGES**—Brass, 14-inch, 2 sprays and one straight stream, for small greenhouses or windows, \$4.25.



Hunnemannia, or Bush Eschscholtzia.



Gaillardia Blanket Flower.



Tall Marigold.

# Flower Seeds

**Moonflower, White (*Ipomoea Grandiflora*)**—One of the grandest of summer climbers, growing 25 to 40 feet high, and covered nightly and on dull days with beautiful white and moonlike flowers from 5 to 6 inches in diameter. Packet of 10 seeds, 10c.

**Moonflower, Blue Flowering**—The color is exquisite, clear, satiny blue, with well-defined crimson bars; distinct. Pkt., 10c.

**Malope**—Mallow-like flower; very pretty; sow early; mixed colors. Pkt., 5c.

**Pansy, Prize Medal Mixture**—Unrivalled for diversity of coloring and markings, beauty of form and large size. Selected separate colors from best German, French, English and American growers; mixed and blended. Pkt., 20c.

**Pansy, Choice Mixed**—Our own mixture of the more common varieties. This contains a wide range of colors and markings. Pkt., 3c.

**Pansy, Extra Large Flowering, Mixed**—Our mixture of the best English varieties of Pansies. Pkt., 10c.

**Pansy, Schwill's Superb Mixed**—This includes not only seeds of Giant Pansies, but also those of several new large-flowered sorts, with highly-colored blooms. Pkt., 15c.

**Pansy, Snow Queen**—Large flowering pure white variety. Pkt., 10c.

**Pansy, Giant Trimardeau**—A beautiful class. Vigorous and compact growers, with enormous flowers; finest mixed. Pkt., 10c.

**Pansy, Masterpiece**—This superb new Pansy is distinct from all others in the form of flowers, the border of every petal being conspicuously undulated and curled, giving the flowers the appearance of a double Pansy. The flowers are extremely large. Pkt., 10c.

**Pink, Heddewigii**—Double Japan Pink. The flowers are large and of the brightest colors; mixed colors. Pkt., 3c.

**Pink, Sweet May**—Old-time favorites; fragrant; single; mixed. Pkt., 8c.

**Pink, Double Diadem**—Superb large double flower; hieroglyphically marked, like the original Chinese Pinks, in the middle down to base of each petal; magnificent in color and variety. Pkt., 5c.

**Pink, Double Imperial**—Large double flowers; brilliant colors; mixed. Pkt., 4c.

**Pink, Double White**—Showy; large size; pure white. Pkt., 8c.

**Pink, Double Japan**—Rich in hue; very double; deeply fringed petals; mixed colors. Pkt., 5c.

**Pink, Heddewigii Lacinated**—Beautiful fringed flowers of all colors. Pkt., 5c.

**Pink, Pheasant's Eye**—A beautiful single, hardy pink, with fringe-edged white flowers, with a dark center. Pkt., 10c.



**Extra Large Flowering Pansy.**

**Pink, Chinensis**—Double China or Indian Pink. Our mixture of this strain is extra fine and contains a large variety of colors. Pkt., 3c.

**Perilla Nankinensis**—A very elegant dark-leaved plant. Desirable for the center of a bed of ornamental-leaved plants, or for a low screen; annual; 18 inches in height. Pkt., 5c.

**Petunia, Single**—A splendid mixture of varieties. Pkt., 5c.

**Petunia, Defiance, Mixed**—Fringed, striped and mottled. Pkt., 15c.

**Petunia, White**—Pure satiny white; very fragrant. Pkt., 10c.

**Petunia, Striped and Blotched**—A collection of mottled and striped varieties. Pkt., 10c.

**Petunia, Schwill's Superb Mixed**—Very large, elegant flowers; a great improvement and fully twice the size of the old sorts, with the most beautiful shades of crimson, white, rose, maroon, etc.; blotched, striped, veined, bordered, marked and fringed. Pkt., 25c.

**Petunia, Howard's Star**—A beautiful, free-flowering strain, color crimson maroon with a clearly-defined 5-pointed star of blush-white. Pkt., 10c.

**Portulaca, Single**—All colors mixed; many striped and variegated. Pkt., 3c.

**Portulaca, Double**—Beautiful double flowers; colors of most brilliant shades; mixed. Pkt., 10c.

**Primrose, Evening**—Fine flowering plants for shrubbery. Pkt., 5c.

**Pyrethrum**—Golden Feather. Beautiful golden-leaved foliage; plants of special value for borders and ribbon beds. Pkt., 5c.

**Ricinus, Zanzibariensis**—A fine ornamental plant. Pkt., 5c.

**Ricinus, Mixed**—All the plain and fancy sorts; mixed. Pkt., 4c.

**Sensitive Plant**—A very pretty and curious plant, the leaves closing when touched. The seeds start slowly, and it is best to start them in boxes. Pkt., 5c.



**Double Diadem Pink.**



**Defiance Fringed Mixed Petunia.**



**Superb Mixed Petunia.**

## CYCLONE BROADCAST HAND SEED SOWER.

Will sow anything. Warranted to give satisfaction. The cheapest seed sower—the farmer's favorite. Price, \$1.50 each.



Salpiglossis—Painted Tongue.



Shirley Poppy.



Schwill's Superb Poppy.

- Poppy, Single Mixed—A fine collection of all single varieties. Pkt., 3c.
- Poppy, Carnation—Double; mixed; superb; from many varieties; two feet. Pkt., 5c.
- Poppy, Schwill's Superb—Grand, large double flowers, in every color; magnificent in form. Pkt., 4c.
- Poppy, Shirley—The handsome flowers are single and semi-double; beautiful in color, from pure white to deep crimson; shiny and glossy like silk. Pkt., 4c.
- Poppy, Brilliant—Comprises not only all the double and single poppies described, but also a number of other sorts specially purchased for this mixture, including some entirely new ones; will make a grand display. Pkt., 4c.
- Poppy, Peony Flowered—Enormous size; perfectly double; always admired; mixed. Pkt., 3c.
- Poppy, Double Tulip—Deep green foliage; scarlet flowers. Pkt., 5c.
- Phlox, Fine Mixed—A splendid mixture of all colors. Pkt., 4c.
- Phlox, Mammoth Large Flowering—The large flowering kinds are a decided improvement on the Drummond, producing flowers twice the size of the latter; mixed. Pkt., 10c.
- Phlox, Star of Quedlinburg—Large-size flowers, with curiously pointed and toothed blossoms; of all shades and markings. Pkt., 5c.
- Phlox, Fireball—Vivid scarlet; superb when in full bloom; annual. Pkt., 10c.
- Phlox, Mammoth White Snowball—Purest white flowers. Pkt., 10c.
- Phlox, Grandiflora—These have beautiful rounded petals, larger than in the older sorts; showy and constant; mixed colors. Pkt., 5c.
- Paris Daisy, or Marguerite—A beautiful and well-known perennial; large white star-shaped flowers. Pkt., 5c.
- Salvia, Bonfire—Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet. One of the finest. Pkt., 15c.
- Salvia Splendens—Scarlet Sage. Gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Pkt., 10c.

- Scabiosa—Mourning Bride. Double dwarf; mixed; a handsome border plant, producing in great profusion very double flowers in a variety of shades and colors. Pkt. 4c.
- Sunflower, Globe of Gold—Excellent to grow in masses; pretty dahlia-like flower. Pkt., 4c.
- Sunflower, Double Tall—Huge leaves and flowers. Pkt., 3c.
- Sunflower, Stella or Star—Handsome; primrose yellow. Pkt., 4c.
- Stokesia Cyanea—Cornflower Aster. This is one of our most charming and beautiful native hardy plants. The plant grows about 18 inches high, bearing freely from early July until frost, its handsome lavender-blue Centaurea-like blossoms each measuring from 4 to 5 inches across. It is of the easiest culture, succeeding in any open, sunny position, and is not only desirable as a single plant in the mixed hardy border, but can be used with fine effect in masses or beds of any size. Pkt., 15c.
- Sweet Rocket—Also known as Dame's Rocket and Dame's Violet. Grows from 2 to 3 feet high and bears spikes of showy white, lilac and purple fragrant flowers; mixed colors. Pkt., 5c.
- Salpiglossis—Painted Tongue. Among the most beautiful of flowering annuals. Height 18 inches to 2 feet. Foliage pretty; flowers 2 to 2½ inches across, with odd and beautiful velvety colors; fine, mixed, all shades. Pkt., 4c.



Mammoth Large Flowering Phlox.



Salvia Splendens



Scabiosa.

# Flower Seeds

- Saponaria**—Dwarf, bedding plants; 1 foot high. Pkt., 3c.  
**Scarlet Runner Beans**—A great favorite as an ornamental climber; bright scarlet sprays of pea-shaped blossoms. Pkt., 4c.  
**Schizanthus**—Butterfly Flower. Many colors; mixed. Pkt., 5c.  
**Stocks**—Dwarf; German; ten weeks; an old favorite. Pkt., 4c.  
**Sweet William, Single**—Handsome colored flowers; mixed. Pkt., 3c.  
**Sweet William, Double**—Finest double flowers. Pkt., 5c.  
**Sweet Sultan**—Pretty border annual; fine also for cutting. Pkt., 4c.  
**Thunbergia**—Black-Eyed Susan. An excellent trailing or bedding plant; very popular. Pkt., 5c.  
**Verbena, Choice Mixed**—Fine colors; mixed for bedding. Pkt., 5c.  
**Verbena, Extra Large Flowered**—Magnificent; extra large; varieties mixed. Pkt., 10c.  
**Verbena, Prize Medal Mixture**—Of most beautiful colors, largest flowers and largest truss of any Verbena, and it is a variety which will please every one. When well grown, every flower truss measures over 9 inches in circumference, while the single florets are as large as a 25-cent piece; more vigorous in growth than the ordinary Verbena; contains a great assortment of colors. Pkt., 15c.  
**Verbena, Scarlet Defiance**—Brightest scarlet; large blooms. Pkt., 10c.  
**Verbena, Mammoth Pink**—Elegant, showy, clear pink shades. Pkt., 10c.  
**Verbena, White**—Handsome; pure white. Pkt., 10c.  
**Verbena, Purple**—Shades of blue and purple. Pkt., 10c.  
**Violet**—Favorite little plants, producing delightfully fragrant flowers; popular with every one. Sow in beds and transplant. Pkt., 10c.  
**Vinca, Alba Pura**—Pure white. Pkt., 10c.  
**Vinca, Rosea**—Bright rose color. Pkt., 10c.  
**Vinca, Mixed**—Pkt., 5c.  
**Wallflower**—Gold Lack. Wallflowers should be better known. They are easily grown and last as long as cut flowers. Single, Mixed, pkt., 5c; Double, Mixed, pkt., 10c.  
**Whitlavia**—Fine bell-shaped flowers; all colors; mixed. Pkt., 3c.  
**Zinnias, Scarlet Gem**—Forms compact bushes about a foot high; intense scarlet flowers; excellent for bedding; much admired. Pkt., 10c.  
**Zinnias, Double White**—A new and extremely pretty dwarf white Zinnia; only 8 to 12 inches high. Pkt., 10c.  
**Zinnias, Double Mixed**—Embraces all the various colors known in the Zinnia family. Pkt., 4c.

## WILD FLOWER GARDEN MIXTURE.

We have made a mixture of nearly 100 annual flowers. In this you get continuous bloom from earliest spring to late fall; something new and surprisingly beautiful every day. Make your flower bed in earliest spring, sow the seed carefully and nature does the rest. If you have never tried one of these mixed flower gardens, do so this year. You will be well repaid. Pkt., 4c.

## WILD CUCUMBERS.

(*Echinocystis Lobata*.)

This is the quickest-growing climber on our list. Grows wild, self-sown, in many parts of the west. It will grow 30 feet in one season. It is thickly dotted over with pretty white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar, no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Pkt., 5c.

## Schwill's Blue Ribbon Collection

Forty packets of best and popular varieties for only \$1.00, postage paid. Where can you do as well?

<b>Beet, Eclipse</b>	<b>Mangel Wurzel for Stock</b>
<b>Beet, Early Blood Turnip</b>	<b>Melon, Gray Monarch</b>
<b>Bean, Bush, Early Valentine</b>	<b>Mustard, Southern Curled</b>
<b>Bean, Bush, Davis Wax</b>	<b>Mustard, Chinese Mam.</b>
<b>Bean, Hend. Bush Lima</b>	<b>Onion, Red Wethersfield</b>
<b>Bean, Pole, Ky. Wonder</b>	<b>Peas, Extra Early</b>
<b>Bean, Pole, White Lima</b>	<b>Peas, Marrowfat</b>
<b>Cantaloupe, Rocky Ford</b>	<b>Parsnip, Sugar H. C.</b>
<b>Carrot, Long Orange</b>	<b>Radish, Scarlet Turnip</b>
<b>Corn, Early Surprise</b>	<b>Radish, Long Scarlet</b>
<b>Cucumber, White Spine</b>	<b>Radish, Long White Vienna</b>
<b>Cucumber, Long Green</b>	<b>Radish, Yellow Summer</b>
<b>Cabbage, Large Wakefield</b>	<b>Squash, White Bush</b>
<b>Cabbage, Early Flat Dutch</b>	<b>Squash, Yellow Crookneck</b>
<b>Cabbage, Early Summer</b>	<b>Turnip, Purple Top Flat</b>
<b>Cabbage, Late Flat Dutch</b>	<b>Turnip, Large White Globe</b>
<b>Collard, Southern</b>	<b>Turnip, White Flat Dutch</b>
<b>Lettuce, Deacon</b>	<b>Tomato, Acme Early</b>
<b>Lettuce, Cabbagehead</b>	<b>Tomato, Beauty</b>
<b>Lettuce, Hanson</b>	<b>Tomato, Trophy</b>

No change of varieties allowed, as these collections are put up in advance, which enables us to sell at this low price.



Vinca, Periwinkle.



Sweet William.



Extra Large-Flowered Verbena.

# GARDENING

CONDUCTED BY PRACTICAL GARDENERS  
 ISSUED TWICE A MONTH. PRICE, \$2.00 PER YEAR  
 SEND SUBSCRIPTIONS TO US WITH YOUR ORDER

THE BEST PAPER FOR AMATEUR AND PROFESSIONAL GARDENERS



White Dahlia.

## Summer Flowering Bulbs

The summer-flowering Bulbs for spring planting contained in the following list are inexpensive, very easily grown, and produce some of the most showy and beautiful of all summer and autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium.



Canna—Florence Vaughan.

**Zephyranthes ("Fairy Lilies")**—Pretty flowers, similar to the Amaryllis, but of miniature growth. They are very easily grown, producing quite plentifully all through the summer the beautiful Lily-like flowers. The best way is to plant several bulbs in a box or flower-pot, as they can then be taken into the cellar during the winter. They can also be planted in the open ground in the spring and lifted in the fall the same as you would handle Gladioli. Mixed in different colors at following price: 5c each; 6 for 25c; 12 for 45c.

**Milla Biflora**—A native of Mexico. The flowers are produced in pairs, of a pure waxy white, measuring nearly 2½ inches in diameter; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. 5c each; 6 for 25c; 45c per doz.

**Montbretias**—The Montbretia is a half-hardy Mexican plant, flowering freely from midsummer until frost. Flower-spikes are 2 feet in height, and flowers are very showy with their bright shades of glowing colors. Each, 5c; doz., 50c.

**Hyacinthus Candicans**—A very stately bulbous plant, with large Yucca-like leaves, growing as high as 4 feet. The flowers are pure white, pendant on the long, whip-like stalks, strong bulbs giving two or more spikes. The appearance is more like giant Snowdrops than Hyacinths, and as a plant for distant effect it vies with Yucca filamentosa. 5c each; 6 for 25c; 12 for 50c.

**Cinnamon Vine**—Hardy climber with dark green foliage, and late in the season bearing a profusion of small white flowers of a delicious cinnamon fragrance. Strong tubers. 10c each; \$1.00 per doz.

### DAHLIA.

The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost.

Double Pink, Scarlet, White, Yellow and Purple, any color, each 20c, postage paid. By express each 15c; 2 for 25c; 12 for \$1.25.



Gladiolus Bulb and Flower.

### Raffia

An imported grass for tying vegetables; also used for tying shrubs, vines, and for making baskets, etc. Pound, 25c. 5-lb. lots, 20c per lb.

**Madeira Vine**—A beautiful, rapid-growing climber, bearing fragrant white flowers; very pretty and useful. 5c each; 50c per doz.

### TUBEROSES.

**Tuberose, Double Pearl**—Doz., 35c; postage paid. By express, doz., 30c; 100, \$2.00.

**Tuberose, Single Albino**—Dozen, 35c, postage paid. By express, doz., 30c; 100, \$2.00.

### LILIES.

**Splendens**—Improved Single Tiger Lily. Has very large flowers of excellent form; color orange-salmon with dark spots. 15c each; \$1.25 per doz.

**Flore Pleno**—Double Tiger Lily. This magnificent lily is of stately habit, bearing clusters of very large, double flowers on tall, strong stems; color bright orange-red spotted with black. 15c each; \$1.50 per doz.

**Lilium Auratum**—The glorious, gold-banded lily of Japan and one of the grandest plants in cultivation. Its immense ivory white flowers are thickly studded with yellow and crimson spots, while in the center of each petal is a golden band, fading at its edges into the white. 25c each; \$2.00 per doz.

**Lilium Speciosum Album**—Pure white flowers with a greenish band through the center of each petal. They are of great substance and very fragrant. One of the best for general culture. 20c each; \$2.00 per doz.

### GLADIOLUS.

**Gladiolus**—Finest mixed hybrids. By mail: Doz., 35c. By express: Dozen, 30c; 100, \$2.00.

**Gladiolus Childsii**—Superb; large flowered; mixed colors. Per doz., 50c, postage paid; by express, per doz., 40c.

**New Seedlings, Mixed**—This mixture contains many beautiful unnamed seedlings. 6 for 20c; 12 for 35c; \$2.00 per 100.

### CANNAS.

A fine foliage plant; a rapid grower, producing large trusses of beautiful flowers from early summer to late in the autumn.

Price: Bulbs, each, 10c; doz., \$1.00. Postage paid.

**Chas. Henderson**—Bright crimson; large; green foliage; 4 feet. **America**—Bronze foliage; flowers large, dark yellow, veined red; 4 feet.

**Duke of Marlboro**—Deep crimson maroon; darkest of all; 4 feet. **Chicago**—Clear vermilion scarlet; 4½ feet.

**Florence Vaughan**—Yellow, spotted red; grand flower; 5 feet. **Ami Pichon**—Bright red flower; foliage dark green; dwarf.

**Austria**—Giant; golden yellow; large flowers; plant 6 feet. **Crimson Bedder**—Showy plant; flowers crimson scarlet.

**Double Peonias**—Magnificent and perfectly hardy plants, almost rivaling the rose in brilliancy of color and perfection of bloom. Separate colors: Pink, white or red, 35c each; \$3.50 doz. By mail, 40c each.

**Caladium Esculentum**—Elephant's Ears. Effective as a single plant on a lawn or in groups; also useful for decorative effect near streams or ponds. Good sized bulbs, 15c; large bulbs, 25c; mammoth, 35c.



Red Clover.

## Clover Seeds

Best re-cleaned seeds, new crop. Customers can rely on getting good seeds from us. We have been nearly 40 years in the seed business, and our increasing trade is proof sufficient that our seeds are right, and give satisfaction.

### SOWING THE SEED.

Have your land well prepared, pulverized and in the best of order. It is important that grass seeds be covered carefully with a light harrow, not more than half an inch. Clovers and large seeds about an inch. The ground should be well rolled; the seed will then germinate better.

The majority of grasses and clovers used in the south can be sown in the fall—September and October—as well as in the spring. Get the ground in good shape and sow as early as possible before it gets too hot.

Prices of Clover Seed can never be fixed definitely. The market value is constantly changing. Write us when you are ready to buy and we will send samples and prices. We can and do meet all competition. We will save you money on Clover.

All prices by the pound and quart on Clover and Grass Seeds are postage paid. On larger quantities, peck and bushel, purchaser must pay carrying charges.

### ALFALFA OR LUCERNE.

#### The Giant Agricultural Clover of Today.

Every wide-awake farmer is very much alive to the desirability of having at least one field of Alfalfa on his farm. Every farmer who has once raised it for feeding purposes, considers it nearly indispensable and so very profitable that he is figuring on purchasing more seed and increasing his acreage.

Alfalfa is an easy crop to grow. No one ought to fail in growing it. No one need fail. It has been grown successfully in every state in the union and in some parts of nearly every county in every state. We venture the assertion that Alfalfa can be grown on 99 per cent of the farms in the United States.

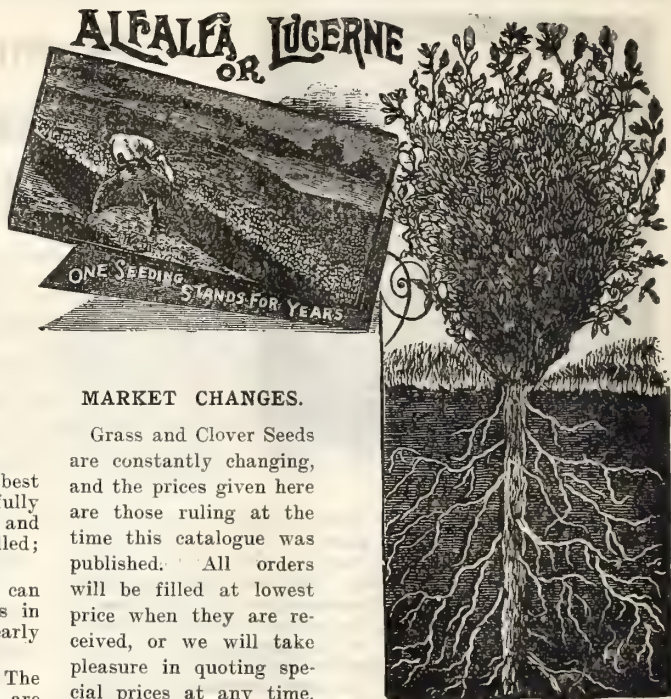
Alfalfa will grow on soils having a good under drainage, or where the subsoil is porous. A good crop of Alfalfa is most easily established when following such crops as soja beans, cow peas or clover. But it will do very well when following all crops except kaffir corn or cane. A crop of crimson or burr clover plowed under will put soil in an ideal condition for Alfalfa.

The land must be deeply plowed and well settled before seeding, only the surface being kept loose. Sow in March and April or in the latter half of August or September, at the rate of 20 to 25 pounds to the acre. Don't make the mistake of sowing too thinly. It does not stool and it is very important that a good stand be secured at the first seeding.

Cut young Alfalfa the first year every 20 or 30 days, setting the sickle bar 5 or 6 inches high. The second year cut from 3 to 5 times when in full bloom.

When buying Alfalfa you want the best and purest seed obtainable. Cheap grades are apt to be adulterated with Yellow Trefoil, Burr Clover, Dodder, etc. We have the very best, cleanest grade seed that is grown. Samples on request.

By mail: 1 lb., 35c; by freight, 20 lbs., enough for one acre, \$4.00; bu., 60 lbs., \$11.00; 100 lbs., \$17.50. Sacks, 25c each extra.



### MARKET CHANGES.

Grass and Clover Seeds are constantly changing, and the prices given here are those ruling at the time this catalogue was published. All orders will be filled at lowest price when they are received, or we will take pleasure in quoting special prices at any time.

### TURKESTAN ALFALFA.

Cannot be equaled for hardness, withstands drouth, heat and cold, yields the heaviest and richest crop of fodder; the best clover for permanent hay and pasture.

Valued as a fodder plant on dry or arid soils. The climate of Turkestan is not unlike that of our interior states, being far from the ocean and surrounded by wide expanses of dry land. The summers are very hot and long. In many places the evaporation exceeds the quantity of moisture that has fallen during the year. The inhabitants are mainly employed in raising cattle, and here it is alfalfa grows and flourishes.

By mail, 1 lb., 35c; by freight, 20 lbs., \$4.50; bu., \$11.50. Sacks, 25c each extra.

**Red Clover**—This is regarded as far the most important of the grass family for the practical purpose of agriculture, being valuable not only as a forage plant, but also for its fertilizing properties. It has long tap roots and luxuriant foliage, the decay of which enriches the soil and adds materially to the value of succeeding crops. Sow 10 to 15 lbs. to the acre any time during spring or fall. By mail, lb., 35c; by freight, 10 lbs., \$1.50; bu. of 60 lbs., \$8.00.

**Mammoth, or Pea Vine Clover**—This is a variety of red clover, of greater size and strength than the original type. It has a longer life than ordinary red clover. Attains a height of 4 or 5 feet. By mail, lb., 35c; by freight, 10 lbs., \$1.75; bu., \$8.50.

**Japan Clover (Lespedeza Striata)**—Also called by some the alfalfa of the southern country; it grows anywhere, on any kind of soil; never fails to make a fine crop of best hay; can be cut several times; recommended for pasture, and especially adapted to old, worn-out soils and neglected fields. Sow in March or April. Seed weighs 25 lbs. per bushel. Sow 12 lbs. per acre. By mail, 1 lb., 50c; by freight, 12 lbs., \$3.00; 1 bu., \$5.50.

**White Clover**—Does well in almost all lands of the central south, but prefers moist land. Sow any time in the spring, 5 to 6 lbs. per acre. By mail, lb., 40c; by freight, lb., 30c; 10 lbs., \$2.25.

### MEMPHI GRAPE COLLECTION

25 Fine 2-Year-Old Vines for Only \$2 50  
5 Concord    5 Moore's Early    5 Niagara    5 Lurie  
5 Worden

Packed f. o. b. Memphis for only \$2.50



# Clover AND Grasses



Burr Clover.

**Burr Clover**—Seed should be sown any time from August to October; 6 lbs. cleaned seed per acre. It is an annual plant, furnishing excellent winter grazing or a hay crop in May. If left to mature, seeds form, drop on the ground, seeding it for the next year's crop. Our farmers can plant it with perfect safety, as there is nothing of a pest nature to it. Its growth is strong, even on the poorest ground. On soil too poor for rye to get high enough to cut, Burr Clover made a growth 2½ to 3 feet high. Burr Clover is a leguminous crop, gathers nitrogen from the air, and, after furnishing winter grazing, leaves the soil in better condition for succeeding crops. Sown on Bermuda sod or Lespedeza, without breaking the ground, seed comes up and furnishes fine winter pasture, when in spring you have your Bermuda, all on the same ground. Hulled seed ready about July 1, next. By mail, 1 lb., 40c; by freight, 10 lbs., \$2.50; 50 lbs., \$10.00; 100 lbs., \$18.00.

**Alsike Clover**—Unexcelled for hay, and we cannot too strongly recommend it to our customers. It is a true perennial, producing a good crop the first year and every year thereafter, and the field really keeps improving each season. Highly valued as a permanent pasture. It is hardy in the south, and is the only variety which will produce a good crop and not kill out in low, wet land. It also adapts itself to high upland soils and withstands drouth well. The hay is finer and better than any other, therefore of special value for sowing with timothy. Height, 18 to 24 inches, and has round pink or flesh-colored heads. Seed is small and requires only 8 pounds per acre. By mail, 1 lb., 40c; by freight, 8 lbs., \$2.00; bu., 60 lbs., \$12.50.

**Scarlet, Crimson or German Clover**—Does well sown in the spring or fall. It makes a splendid pasture all during the winter. Sow 15 lbs. to the acre. By mail, 1 lb., 25c; by freight, 15 lbs., \$1.50; bu., 60 lbs., \$5.00.

**Timothy and Alsike Clover Mixed**—A satisfactory combination. Try Timothy and Alsike for the highest grade of mixed hay. They blossom at the same time, and are suited for the same soils. On low moist lands where other grasses would fail they do especially well. They are beneficial to each other. The Alsike forms a thick bottom and greatly increases the yield of hay or pasture, cattle preferring the mixed grasses to Timothy alone. The Timothy acts as a protector to the Alsike through the winter months. We prefer the Alsike to the Medium Red for this purpose, because its stems are more slender and taller, thus making a finer grade of mixed hay. The seeds are so nearly the same in size that it is impossible to separate them when grown together. A trial will convince you of its merits. Sow 15 lbs. to an acre. By mail, 1 lb., 40c; by freight, 15 lbs., \$3.00; 100 lbs., \$15.00.



Timothy.



Alsike Clover.

**Timothy**—Timothy is decidedly the best of the neutral grasses for hay and by far the easiest to cultivate. It makes an exceedingly nutritious hay and should be cut just when the blossom falls. It is so well known and so generally cultivated that it needs no description. We can furnish you with the best Timothy of the choicest grade. Sow 15 lbs. seed to the acre. One bushel weighs 45 lbs. and will plant 3 acres. By mail, 1 lb., 25c; 15 lbs., \$1.50; bu., \$2.40.

**Melilotus or White Bokhara**—Largely used in the southern states both for hay and as an improver. Sow 12 lbs. to the acre. By mail, 1 lb., 50c; by freight, 12 lbs., \$3.00; bu., 25 lbs., \$5.00.

## SCHWILL'S GRASS MIXTURES.

### For Meadows and Permanent Pastures.

It is a well ascertained fact that a thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late, that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. The seed should be sown early in spring or from September to November.

For Hay, Rich, Dry Soils—Bu. (14 lbs.), \$2.25. Sow 1 to 2 bu. per acre.

For Pasture, Wet Soils—Bu. (14 lbs.), \$2.00. Sow 1 to 2 bu. per acre.

For Hay, Wet Soils—Bu. (14 lbs.), \$2.25. Sow 1 to 2 bu. per acre.

For Pasture, Rich, Dry Soils—Bu. (14 lbs.), \$2.25. Sow 1 to 2 bu. per acre.

## SPECIAL DIRECTIONS ABOUT SOWING GRASS SEED.

Nearly all grass seed are very small, and will not come up or grow satisfactorily unless they are put in properly. And again most planters will not use sufficient seed to an acre. The soil should be thoroughly prepared by deep breaking and thorough harrowing until a smooth seed bed is made. After sowing the seed, very light covering should be given with a brush or harrow that will not cover too deep. If weather is likely to be dry the ground should be pressed over the seed or rolled so as to bring the seed in close contact with the soil to hold moisture until the seed gets a start.

# Grass Seed



Meadow Fescue, or  
Randall Grass.



Tall Meadow  
Oat Grass.

All quotations on Grass Seed are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

**Bermuda Grass**—Often planted for lawns. No grass will stand the sun better or will make a prettier carpet when kept short. It is also very valuable as a pasture and hay grass. Six lbs. will sow an acre. Should be planted in the spring, but can also be sown later. Under the most favorable circumstances it takes from 20 to 30 days to sprout; requires damp weather and hot sun, but when once up grows very rapidly. 1 lb., 70c, postage paid; by freight or express, 1 lb., 60c; 10 lbs., \$5.50.

**Sunny South Lawn Grass**—A mixture of grasses that stand extremes of heat and drouth well, and that are, therefore, peculiarly adapted to the south. 1 lb., 60c, postage paid; by freight, 1 lb., 50c; 5 lbs., \$2.00.

**Emerald Lawn Grass Seed**—A mixture of the finest grasses, such as produce thick, velvety lawns, and only the cleanest and heaviest seed is used, thus insuring purity and strong vitality. By mail, 1 lb., 50c; by express, 1 lb., 40c; 4 lbs., \$1.50; bu. of 14 lbs., \$3.75.

**Orchard Grass**—For pasturing or hay land a most valuable grass, and on account of its earliness very valuable for permanent pasture. It is well suited to shady places, such as orchards and groves, although it is adapted to a wide range of soils and will grow on almost all lands, but gives best results on deep, rich, sandy loam or clay soils. Sow 1½ bu. per acre. 1 lb., 35c, postage paid; by freight, 1 bu., 14 lbs., \$2.75; 5 bu., \$13.00.

**Tall Meadow Oat Grass**—For either hay or permanent pasture; a most valuable grass. Does well on any soil, but of special value on clay land. Grows 3 to 4 feet high; very desirable for meadow. Sow 30 lbs. per acre. 1 lb., 40c, postage paid; by freight, 10 lbs., \$2.50; 100 lbs., \$17.00.

**Red Top, or Herds Grass**—Does best on moist or wet soil, but grows well on nearly all upland soils. Where conditions are favorable and on moist land it will grow 4 feet high and produce sometimes 1½ tons to the acre. Can be sown in either spring or fall, and it is best to use "fancy cleaned" seed, which require 6 to 8 lbs. to the acre. If using chaff seed, 2 to 3 bu. to the acre are required. Prices: Choice seed in chaff, 1 lb., 20c, postage paid; by freight, pk., 35c; bu., \$1.00; 5 bu., \$4.50. Fancy cleaned seed, 1 lb., 25c, postage paid; by freight, 10 lbs., \$2.00; 100 lbs., \$16.00.

**English Perennial Rye Grass**—This is a nutritious permanent grass for meadows and pasture; will endure close cropping and is of strong successive after-growth. It succeeds in almost any soil. Sow same as Blue Grass. Sown in the fall, produces fine winter pasture or a beautiful green lawn. 1 lb., 35c, postage paid; by freight, 10 lbs., \$1.50; 100 lbs., \$12.00.

## Reliable Seeds

Successful Seeds, reliable, true to name, and Seeds that will grow is what you get when you plant **Schwill's Seeds**. The market gardener's trade; which every one knows is the most critical, is a specialty with us. If you are a grower or trucker, do not fail to use

**Schwill's Seeds**



Red Top, or Herds Grass.

**Hungarian Awnless Brome Grass**—This closely resembles Rescue Grass, but is much more leafy, finer stalked and more erect. It grows quick and strong, providing splendid pasture or hay. It grows again quickly after being mown. We consider it the ideal grass for hot, dry regions and thin soils. It takes 35 lbs. to the acre. 1 lb., 35c, postage paid; by freight, 10 lbs., \$2.00; 100 lbs., \$17.50.

**Kentucky Blue Grass (Fancy Clean)**—The famous grass of Kentucky; for lawns it has no superior; 2 to 3 bu. of seed per acre. 1 lb., 40c, postage paid; by freight, 5 lbs., \$1.00; bu., 14 lbs., \$2.25.

**Creeping Bent Grass**—Of special value for pasture and low ground. Starts early, deep-rooted and a valuable sort for holding sloping ground or terraces together. Sow 15 lbs. per acre. 1 lb., 45c, postage paid; by freight, 10 lbs., \$3.00; 100 lbs., \$25.00.

**Meadow Fescue, or Randall Grass**—Valuable as pasture grass; also makes excellent hay. Sow 30 lbs. per acre. 1 lb., 40c, postage paid; by freight, 10 lbs., \$2.00; 100 lbs., \$18.00.

**Sheeps' Fescue**—Suited to light, sandy soil and dry uplands or hillsides. It is deep-rooted and not affected by extreme drouth. Sow 30 lbs. per acre. 1 lb., 35c, postage paid; by freight, 10 lbs., \$2.50; 100 lbs., \$18.50.

**Wood Meadow Grass**—It is invaluable for wooded pasture or shaded ground, and should be included in all mixtures for permanent pastures. Sow 30 lbs. per acre. 1 lb., 60c, postage paid; by freight, 10 lbs., \$5.00; 100 lbs., \$40.00.

**Sweet Vernal Grass**—A perennial grass of sweet odor. Weighs 6 lbs. per bushel. Sow in combination with other grasses in lawn or pasture mixtures, using 3 to 4 lbs. Vernal Grass per acre. By mail, postpaid, lb., \$1.00; 3 lbs., \$2.50.

**Rescue Grass**—Sow in August or September only, 30 to 35 lbs. to the acre. Makes fine winter grazing and hay the next spring. New seed available in July. 1 lb., 40c, postpaid; by freight, 10 lbs., \$2.50; 50 lbs., \$10.00; 100 lbs., \$18.50.

## NEW CUSTOMERS

As this Catalogue will reach many who have never had our Seed, we would urge such to send us a TRIAL ORDER, no matter how small, even though you may be satisfied with seed bought elsewhere. We believe our SPECIAL STRAINS of many of the new varieties will attract your special attention and efforts, and finally be found as profitable to you as they have been to thousands of others who are now regular customers.

Seeds of Equally High Quality can Nowhere be  
Obtained for Less Money

# Millet, Peas, Sorghum, Oats, Etc.



Pearl, or Cat Tail Millet.

## Sorghum or Sugar Cane, Etc.

- Early Amber Sorghum**—The earliest; makes the finest quality of both sugar and syrup. 1 lb., 20c, postage paid; by freight, pk., 50c; bu., \$1.50.
- Early Orange Sorghum**—Strong growing; much more juicy and a little later than the Amber. 1 lb., 20c, postpaid; by freight, pk., 50c; bu., \$1.50.
- Red Top Sorghum**—A desirable variety; makes a large quantity of excellent fodder; heads large and heavy. 1 lb., 25c, postage paid; by freight, pk., 60c; bu., \$2.00.
- White Kaffir Corn**—Grows from 4 to 5 feet high; excellent fodder, either green or dried. 1 lb., 25c, postage paid; by freight, 5 lbs., 30c; pk., 50c; bu., \$1.25.
- Yellow Milo Maize**—The growth is tall, 9 to 12 feet, stooing from the ground like the Kaffir Corn. 1 lb., 25c, postage paid; by freight, 10 lbs., 50c; bu. (50 lbs.), \$2.00.
- Texas Seeded Ribbon Cane**—This cane gets its name from being a variety that closely resembles the true ribbon cane raised from cuttings. It makes the finest kind of syrup. 1 lb., 50c, postage paid; by freight, pk., \$1.50; bu., \$4.50.



Big German Millet.



Texas or Ribbon Cane.

## Millet

- Tennessee or Big German**—The seed we offer is southern grown, and so much better is it than northern grown stock generally offered that more than double the quantity of fodder is produced on the same ground. Sow one bushel to acre. Per lb., 25c, postage paid; by freight, pk., 50c; 1 bu., \$1.75; 10 bu., \$16.00.
- Pearl, or Cat-Tail**—No other plant makes so much forage as this. Seven cuttings can be had from one planting in one season in the south. Stools at ground; has thick foliage. 1 lb., 35c, postpaid; by freight, 5 lbs., \$1.00; 100 lbs., \$9.00.
- Hungarian Grass**—Suitable for rich bottom land, where the German Millet grows too coarse. 1 lb., 25c, postage paid; by freight, pk., 50c; 1 bu., \$1.40.
- Western German**—Best quality. Preferred by some to any other; does not grow so coarse. Pk., 40c; bu., \$1.40; 10 bu., \$13.50.
- Japanese Barnyard**—Grows 6 to 8 feet high and produces an immense crop, especially on moist, rich soils. Sow 15 lbs. per acre. 1 lb., 35c; 3 lbs., \$1.00, postpaid; by freight, 1 lb., 25c; 10 lbs., \$1.50; 100 lbs., \$8.00.

## White Table Peas

- Large Black Eye**—A desirable variety; much larger than the ordinary variety. Qt., 40c, postage paid; by freight, pk., \$1.00; bu., \$3.50.
- California White, Black Eye**—Very large, kidney shaped peas, maturing the earliest of all; fine for early market. Qt., 50c, postage paid; by express or freight, pk., \$1.15; bu., \$4.00.
- Sugar Crowder**—Fine flavor and quality; a delightful dish. Qt., 50c, postage paid; by freight, pk., \$1.25; bu., \$4.50.
- Lady Peas**—Admirable sort for the table; always bring high prices. Qt., 50c, postage paid; by freight, pk., \$1.25; bu., \$4.25.



Early Amber Sorghum.

## Oats

- Early Burt, or Ninety-Day Oat**—A very heavy, tall growing Oat, a favorite in our section for spring plantings. It is immensely prolific and hardy. Very early in maturing, being ready to cut in about 90 days from spring plantings. Stocks of Burt Oats are always limited, and we advise as early orders as possible. Bu., 90c; 10 bu., \$8.50.
- Appler Oats**—A fine oat of extra fine quality. Has a stiff straw; stands up well; most satisfactory variety. 1 bu., 90c; 10 bu., \$8.50.
- Genuine Red Rust Proof Oats**—A favorite variety in the south, particularly where the land is rich. 1 bu., 85c; 10 bu., \$8.00.
- Clay Oats**—A fine spring oat; grows well on thin land; seldom rusts; very early. 1 bu., 95c; 10 bu., \$8.50.
- Winter Turf Oats**—For fall sowing. Sow 1½ bu. per acre. Bu., \$1.00; 10 bu., \$9.00.



Clay Seed Oats.

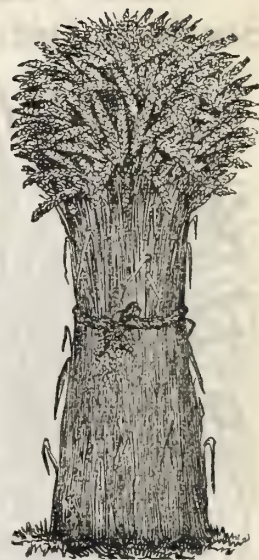


Early Burt, or 90-Day Oats.

# Forage Plants

## COW OR SOUTHERN PEAS.

There is no surer or cheaper means of improving and increasing the productiveness of our soils than by sowing the Cow Pea. It makes enormous growth, enabling the farmer to put plenty of nitrogenous vegetable matter into the soil at a small cost, and so very largely enables him to dispense with the use of nitrogenous commercial fertilizers, and has the power to extract the costly nitrogen from the atmosphere and to store the same in the vines and roots, so that if the crop is cut off, the land is still enriched and the condition improved. From 5 to 9 tons of green fodder per acre have been produced by the Cow Peas. For ensilage, they are unsurpassed. When it is desired to turn the whole crop under as a soil improver, it is better to do so after the vines are partly dead. Sow in May or June, 1 to 1½ bushels per acre.



Speltz, or Emmer.



Velvet Beans.

	Peck.	Bushel.
Whippoorwill, or Speckled.....	\$ .50	\$1.75
Clay .....	.50	2.00
Black .....	.60	2.10
New Era .....	.60	1.90
Red Ripper .....	.75	2.00
Unknown or Wonderful .....	.75	2.10
Mixed .....	.50	1.70

Market price on Cow Peas changes often. Write for prices on larger quantities when ready to buy.

**Speltz or Emmer**—This is a remarkable grain, and should receive the attention of all farmers. It is a species of drought-resisting wheat, and not inclined to rust. It will produce a fair crop under almost any condition of climate, but grows best in dry prairie regions with hot summers, giving excellent results. Thrives on poor land. All animals eat it green greedily and are fond of the straw. It will undoubtedly become a regular and valuable crop for stock feed. Sow 70 to 80 lbs. per acre very early, same as barley or oats. Pkt., 10c; 1 lb., 25c, postage paid; by freight, pk., 50c; bu., \$1.25.

**Australian Salt Bush**—The forage plant for alkali and arid soils; it comes from Australia, where it is valued very highly by the ranchmen on the inland plains; sheep and cattle fatten on it, even when they have no other food. United States government reports tell us that experiments made in this country have proved that barren alkali soils have been made productive and valuable by planting "Salt Bush." Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Velvet Beans, the Famous Forage and Soil-Producing Plant**—They make an enormous growth—greater, in fact, than any other known forage plant in the same length of time, far surpassing the cow pea in yield. The vines and roots are very rich in nitrogen, making it a most valuable soil-improving crop. They grow so rank that it is with great difficulty that they can be turned under in the green state, and it is much better, if it is possible, to leave them above the ground until after frost kills them, and to plow them under in the winter or early spring, at which time they will make a heavy matted coating of vegetable matter, which, turned under, will benefit the soil almost equal to a heavy application of stable manure. These beans should be planted in May or June, at the rate of 1½ pecks to the acre, in drills 5 feet apart. Pkt., 10c; qt., 50c, postage paid; by freight, pk., \$1.25; bu., \$4.50.



Cow Peas.



Canada Field Peas.

**Canada Field Peas**—Very valuable for fattening stock, and can also be grown for soiling purposes, but are of greater value for fodder when fed as ground feed, or the vines can be cured for hay, which is of great nutritive value. They can be sown alone or with oats. If sown alone, sow 2 bushels to the acre. If with oats, sow one bushel of peas and 1½ bushels of oats. The latter method is the most profitable and a double crop can be secured at the same time. Threshed together they can be easily separated, but make a desirable feed when ground together for fattening stock. Qt., 35c, postage paid; by freight, pk., 75c; bu., \$2.75.

## Forage Plants

**Oregon Vetch (*Vicia Sativa*)**—A new species of Vetch from Oregon; claimed to be pure, vigorous and easier started than the Sand Vetch. In bringing up cotton and corn lands, it will do what the ordinary cow pea does for them, besides furnishing excellent pasturage during winter. In Oregon and the west, it is building up old wheat land. Sowing down Vetch for 2 years makes land that would only produce 12 to 15 bushels of wheat yield 40 to 45 bushels. It will do the same for our cotton and corn fields. Sow in fall as early in September as possible. The following spring turn it under green and you will get fine results from succeeding crops of grain or cotton. Vetch is of the pea family, and one should prepare the ground the same as for wheat and sow broadcast 75 lbs. per acre, about the last of August, September or October. It yields from 2 to 4 tons of excellent hay to the acre, and by cutting early can be cut twice, but is usually only cut once; does not bloat stock like green alfalfa; finest hay in the world for dairy cows. To keep it from going down, sow a bushel of oats or wheat to 1 peck of Vetch. For hay, cut as soon as lower pods begin to form. Let it lay a half day, then cock up; let it stand in cock 10 days, then put in barn. It makes good pasture for hogs, cows and sheep through the winter. By mail, lb., 40c; by freight, pk., \$1.50; bu., \$5.50.



Teosinte.

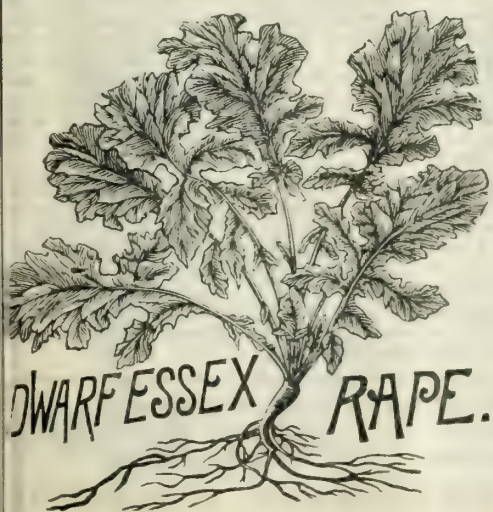
**Dwarf Essex Rape**—This is beyond all question the most popular and profitable of all forage plants, and everywhere it is giving the best satisfaction. It is easily grown anywhere, and stands unsurpassed as a forage plant for hogs, cattle or sheep. It can be sown early in the season to provide early pasture for sheep and swine, or sow in small grain a week or so before cutting, to provide pasture after harvest; or sow on the stubble, but it is usually sown in June, July or August with corn or potatoes or on well prepared land alone for summer and fall pasture. While it is the ideal food for sheep, still it is of equal value for hogs and cattle, as they are very fond of it. In the east it is usually sown in drills, 2 or 3 lbs. per acre, and cultivated, but in the western states it is almost invariably sown broadcast, 4 to 5 lbs. per acre, and it grows so rapidly that weeds are quickly smothered. By mail, 1 lb., 25c; by freight, 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$8.50.

**Florida or Giant Beggar Weed (*Desmodium Tortuosum*)**—An erect leguminous annual, growing from 3 to 8 feet high, with abundant foliage. Valuable as forage or for soil renovation in sub-tropical regions. It is highly recommended for improving light, sterile, sandy soils by plowing under, and it also makes hay of a fine quality. It should be sown at the rate of 10 lbs. of clean seed to the acre, after the ground is warm and moist. By mail, 1 lb., 50c; by express, 5 lbs., \$2.00; 10 lbs., \$3.50.

**Giant Spurry**—An excellent plant for pasture, and it grows so well on poor, dry, sandy soil that it has been called "the clover of sandy land." Its value as a manurial plant on light sands is pronounced. It seems to enrich the soil more rapidly than other plants. It is readily eaten by sheep and cattle. Sow broadcast the latter half of March or in April or May at the rate of 10 lbs. per acre if wanted for hay. It germinates quickly, and in from 6 to 8 weeks is ready to cut. Pkt., 10c; 1 lb., 40c; 3 lbs., \$1.00, postpaid; by freight, 10 lbs., \$1.50; 100 lbs., \$12.00.

**Teosinte**—A fodder plant grown largely in some parts of the country. Somewhat resembling corn in its general appearance, but the leaves are much longer and broader and the stalks contain sweeter sap. Horses and cattle eat it as freely as young sugar corn. Plant as soon as ground becomes warm, at usual corn planting time, in hills 3 to 4 feet apart each way, 2 seeds to the hill. Teosinte is one of the heaviest yielding forage plants known, having yielded 50 tons of fodder to the acre. Large pkt., 10c; 1 oz., 15c; 1/4 lb., 35c; 1 lb., \$1.00; 3 lbs. (sufficient for 1 acre), \$2.80, by mail, prepaid.

**WE** HAVE the best equipment possible for the handling of Mail Orders. This is the larger part of our business. Our employes are experienced and are employed here all the year round. Your orders are not handled by clerks employed only for the busy season. We fill all orders the first or second day by mail or express, except plants in freezing weather.



Florida, or Giant Beggar Weed.



Oregon Vetch.

Over Thirty Years Personal Experience with Seeds

# Forage Plants

## BROOM CORN.

**Improved Evergreen**—An excellent variety of good length; has fine, straight straws and of greenish appearance after being cut. 1 lb., 25c, postage paid; by freight, pk., 75c; bu., \$2.25.

**Japanese Dwarf**—Straight, stiff stems and leaf; markets readily, as it never shows any crooked or bent straw. By mail, 1 lb., 30c; by freight, pk., 75c; bu., \$2.50.

**Upland Rice**—A valuable crop. More easily grown than corn, and is relished by all kinds of stock. Prepare the land and cultivate as for corn, using a bushel of seed per acre. Plant the seed in drills 24 inches apart. 1 lb., 25c; 5 lbs., \$1.00, postage paid; by freight, pk., \$1.00; bushel, \$3.50.

## POP CORN.

Price for any kind of Pop Corn, postpaid: Pkt., 5c; ½ lb., 15c; 1 lb., 25c. Not prepaid: 1 lb., 15c; 5 lbs., 60c; 10 lbs., 85c.

**Monarch White Rice**—A superior quality of Pop Corn, very easily popped and very sweet, tender and white after popped.

**White Pearl**—A fine variety; clear, white and productive.

**Queen's Golden**—A beautiful golden color; pops extra large.

**Red Beauty**—Pops snow white; very crisp; fine for home use.

**Mammoth Russian Sunflower**—Single heads measure 15 to 22 inches in diameter, and contain an immense amount of seed, which is highly valued by all farmers and poultry breeders who have tried it as an excellent and cheap food for fowls. It is the best egg producing food known for poultry. Every farmer should plant some of the seed in any waste piece of ground any time from early spring up to the middle of July. Three lbs. of seed will plant one acre. Selected seed, ¼ lb., 15c; 1 lb., 35c, postpaid; 5 lbs., not prepaid, 75c; 25 lbs., \$2.50.

**Sunflower Seed for Feeding Birds**—We have stock suitable for feeding that we sell at reduced price.



Young Alfalfa, Showing Nodules on the Roots. Caused by Nitro-Culture Bacteria.

## NITRO-CULTURE.

Grow Alfalfa Where It Never Grew Before by Means of Inoculation with Nitro-Culture, the Vest Pocket Fertilizer.

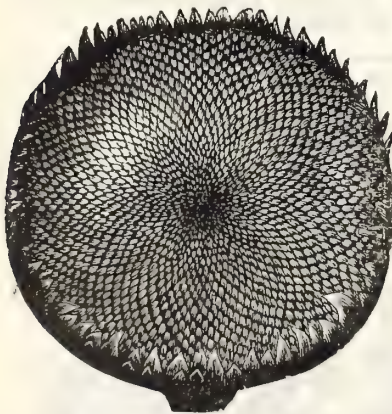
Nitro-Culture is a success with crops on list below.

Alfalfa plants obtain a large supply of nitrogen from the air when the plants are well started, but while young and until they get a fair growth it is necessary that the soil should be in fertile condition; otherwise, the plants will die out from lack of nourishment before bacteria have developed sufficient to collect nitrogen from the air and feed the young plants. Many farmers have made a mistake by planting Alfalfa in poor, worn-out ground. It would be better to plant inoculated cow peas or field peas first, plow them under, let the field stand for 30 days, then plant Alfalfa, and if the seed has been carefully inoculated with Nitro-Culture, it is almost sure to be successful. Trial pkg., 50c; 1 acre pkg., \$1.50; 5 acre pkg., \$5.00; 20 acre pkg., \$18.00; 50 acre pkg., \$40.00.

When ordering state what particular crop you desire to inoculate. We can furnish Nitro-Culture for the following seeds only. Price same as for Alfalfa:

Alfalfa or Lucerne, Red, Mammoth Clover, Crimson Clover, Burr Clover, Cow Peas, Garden Peas, Garden Beans, Soy Beans, Velvet Beans, Vetch.

Nitro-Culture cannot be furnished for any crops like corn, wheat, potatoes, cotton, etc., but only those which are mentioned on the above price list.



Mammoth Russian Sunflower.



Soy, or Soja Bean.

**Soy or Soja Bean**—This valuable forage plant is one of the most nutritious of all vegetable products. For pasturing or feeding as green fodder it is very valuable and nearly equal to clover for fertilizing. Sow ½ bushel per acre, broadcast, or 1 gallon per acre in drills. By mail, 1 lb., 30c; by freight, pk., \$1.00; bu., \$3.50.

# GARDENING

CONDUCTED BY PRACTICAL GARDENERS  
 Issued Twice a Month Price, \$2.00 Per Year  
 Send Subscriptions to Us With Your Order

THE BEST PAPER FOR AMATEUR AND PROFESSIONAL GARDENERS

# Forage Plants

**Success Beardless Barley**—Earliest barley known. The straw is about the height of common barley, but better, and will stand up on any land. Sow as early as you can; frost does not hurt it. Many farmers will not grow barley on account of the long, harsh beards, which are so disagreeable in threshing, although it is a profitable crop. This is beardless and as easy to grow and handle as oats. By mail, 1 lb., 30c; by freight, pk., 75c; bu., \$2.00; 5 bu., \$9.50.

**Chicken Pasture Mixture (A Cheap Green Feed for Chickens)**—This will fill a long felt want. Many poultry raisers have been asking for something that will make an abundance of good green food, as they do not have permanent pasture. Many do not have sufficient, but wish to sow something that will provide some good nutritious green feed. There are plots of ground close to your chicken houses and yards that can be utilized very profitably for growing this splendid feed. The following are some of the seed that constitute the mixture: Rape, Spinach, Kale, Cow Peas, Soy Beans, Teosinte, Japanese and Turkish Millet, Speltz, Rye, etc. By mail, 1 lb., 25c; by freight or express, 1 lb., 15c; 10 lbs., \$1.00; 20 lbs., \$1.50.

**Silver Hulled Buckwheat**—An improved sort, much excelling the old common variety. It blooms longer, matures sooner and yields double the amount per acre. Husk thinner, corners less prominent, and seeds of a beautiful light gray color. Thirty to 50 lbs. to an acre. 1 lb., 30c, postage paid; by freight, pk., 75c; bu., \$2.25.

**Japanese Buckwheat**—A new variety that has been raised here with good results. Early and very productive, with kernels twice the size of any other buckwheat. Straw is very stiff and stands up well. 1 lb., 30c, postage paid; by freight, pk., 75c; bu., \$2.25.

**Flax Seed**—Farmers should not lose sight of the fact that flax can be raised where wheat is raised and where tried has brought better returns for amount of labor invested than wheat. Thirty to 40 lbs. will sow an acre. Lb., 25c; 3 lbs., 65c, postage paid; by freight, pk., 75c; bu., \$2.50.

**Star Brand Lawn Fertilizer**—There is no excuse for not having a nice, well kept lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and rubbish and scatter broadcast some of the Lawn Fertilizer with a little of the Seed Mixture, over the thin spots and the work is done. The first application should be made in early spring. It requires 100 pounds to every 2,500 square feet, but this depends somewhat upon the condition of your lawn. If you simply wish to help the appearance put on less, but for a badly used up lawn it will require this amount. 50 lb. bag, \$1.50; 125 lb. bag, \$3.00.

**Spanish Peanuts**—A desirable variety, because it is early and a good bearer. The peas hang to the root and can be rapidly gathered. Plant as soon as the ground becomes warm, from 2 to 3 feet apart each way, 4 or 5 to the hill, covering 2 or 3 inches. Plant soon after frost is over. April is a suitable time. Spanish Peanuts make an excellent hay, greatly relished by all stock. By mail, 1 lb., 35c; 3 lbs., \$1.00; by freight, 5 lbs., \$1.00; 10 lbs. or over, at 15c lb.; bu. (24 lbs.), \$2.25.

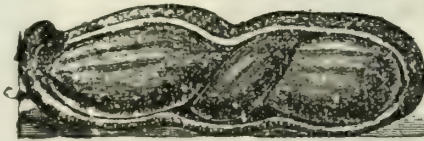
**Mammoth Red Peanuts**—This Mammoth Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage and the largest pods and kernels of any variety. Pkt., 10c; 1/2 lb., 20c; 1 lb., 35c, postpaid; by freight or express, 1 lb., 25c; 5 lbs., \$1.00.

**Mammoth White Virginia**—Largest size; white variety; productive and always finds ready market. Pkt., 10c; 1/2 lb., 20c; 1 lb., 35c, postpaid; by freight or express, 1 lb., 25c; 5 lbs., \$1.00.

## FARM AND GARDEN BOOKS

These books are both useful and helpful to amateurs as well as gardeners. Profit by the experience of others. We mail them on receipt of price.

Alfalfa—Its Growth, Uses, etc.—F. D. Coburn.....	\$0 50
Asparagus Culture—By Barnes and Robinson.....	50
Broom Corn and Brooms.....	50
Fertilizers—Prof. E. B. Voorhees.....	1 00
Forage Crops Other Than Grasses—Thomas Shaw.....	1 00
Gregory on Onion Raising—J. J. H. Gregory.....	30
Hedges, Wind Breaks, Live Fences, etc.....	50
Market Gardening and Farm Notes—Burnett Landreth.....	1 00
Mushrooms—How to Grow Them—Wm. Falconer....	1 00
New Potato Culture—Carmen.....	50
Peach Culture—Hon. J. Alexander Fulton.....	1 50
Play and Profit in My Garden—E. P. Roe.....	1 50
Practical Floriculture—Henderson.....	1 50
Silos, Ensilage and Silage—Miles.....	50
Soiling Crop and the Silo—Thomas Shaw.....	2 50
Sweet Potato Culture—Fitz.....	60
The A B C of Potato Culture—W. B. Terry.....	35
The Forcing Book—How to Grow Vegetables Under Glass.....	1 00
The Amateur's Practical Garden Book—Illustrated.....	1 00
The Principles of Fruit Growing—L. H. Bailey.....	2 00
Tomato Culture—J. W. Day, D. Cummings and A. I. Root.....	35
Truck Farming at the South—A. Oemler.....	1 50



Mammoth Red Peanut.



Spanish Peanut.

Jackson, Tenn., Feb. 24, 1908.  
Otto Schwill & Co., Memphis, Tenn.

Gentlemen—Please send me one of your Seed Catalogues; I want to order some seed from you. I bought from your firm last year and the season before, and they gave perfect satisfaction. Respectfully yours,  
MRS. ANNIE LEIGH.

## Prices

On account of going to press with our catalogue so early in the season (about December), prices are subject to important market changes, and may vary on some items of being higher or lower later in the season. For large quantities we are always ready to quote prices on application.

# Forage Plants



Pencilaria.



Chufas or Ground Nut.



Jerusalem Artichoke.

**Pencilaria**—Immensely productive; 25 tons per acre. A native of Central America. It is an annual plant, having long, broad foliage, and, if allowed to develop fully, will attain a height of from 10 to 12 feet, and bear numerous heads from 18 to 20 inches in length and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers, and if cut as soon as it reaches the height of 2 to 3 feet it can be mowed from 4 to 6 times, according to latitude, and yields several tons of hay per acre. Lb., 30c; 3 lbs., 75c, postage paid; by freight, 5 lbs., \$1.00.

**Georgia Chufas**—Much used to fatten hogs. Plant in April, 12 inches apart, in 3-foot rows. Should be soaked before planting. One peck of seed per acre. 1 lb., 40c, postage paid; by freight, pk., \$2.00; bu., \$6.00.

**Thousand-Headed Kale**—A crop similar to Dwarf Essex Rape, but more hardy, and claimed superior in yield and it produces tremendous masses of cut and curved leaves, which are large, rich and of a beautiful deep green color. **Seeding**—Thousand-Headed Kale can be sown at any time in the spring, in drills or broadcast; if broadcast sow 3 to 3½ lbs. per acre, or in drills 1½ to 2 lbs. per acre. By mail, lb., 60c; 3 lbs., \$1.50; by express, 5 lbs., \$2.00.

**White French or Jerusalem Artichokes**—The greatest food for hogs ever known. Plant from January until April, the sooner the better. Cut one eye to the piece, as for Irish potatoes; plant in rows from 3 to 3½ feet apart, dropping the pieces about 15 or 20 inches apart and covering with about 2 inches of soil. Four bushels will plant an acre. They grow in almost any soil, and are enormously productive. Have a patch of alfalfa or bermuda grass for your hogs in summer, one of Artichokes for winter, and go in for raising more hogs. Qt., 40c, postpaid; by freight or express, pk., 75c; bu., \$2.50.

**Prolific Tree Beans**—Undoubtedly the most prolific bean grown. The beans are pure white, of small size. Pkt., 10c; ½ pt., 15c; qt., 40c; by freight, pk., \$1.25; bu., \$4.00.

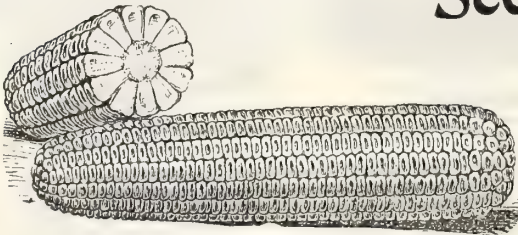
**Rye**—Largely used over the south for winter pasture. Sow at the rate of 1¼ bushels per acre. Pk., 40c; bu., \$1.25.

**Southern Grown Rye**—Of rank growth; tall, stiff straw, large grain. Pk., 40c; bu., \$1.25.

**Seed Wheat**—All varieties in season. Pk., 50c; bu., \$1.50. Varieties given on request.

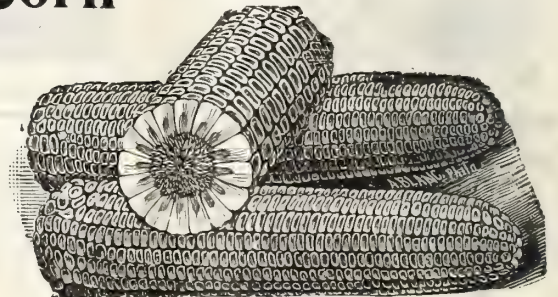
**Winter Barley**—Sow in the fall for grazing 1½ to 2 bu. per acre. Pk., 40c; bu., \$1.50; 5 bu., \$7.00.

## Seed Corn



Boone County White Corn.

**Boone County White**—This is the Mammoth Corn, the largest white corn grown; grows deep, moderately rough, ears well filled at ends and uniform in appearance; an immense corn, the ears measuring from 11 to 15 inches in length and weighing from 1 to 2 pounds at picking time. If you have good strong land and want an extra large variety and a big producer, plant Boone County White. Pk., 60c; bu., \$2.25.



Mosby Prolific Corn.

**Genuine Mosby Prolific**—A southern variety and a good one. Seldom fails to make a crop; it's hardy and stands the climate; ears good size, with small cob. Grains rather deep and pure white. Stalks will average 3 good ears. We have a fine stock this season of this excellent Corn. Order early. Pk., 75c; bu., \$2.50; 2 bu., \$4.75.



# Good Seed Corn

The stocks we offer have been especially grown for seed, and every variety we catalogue has been properly cured and carefully selected for seed stocks.

The following prices are by freight or express, purchaser paying carrying charges.

Bags free. We make no charges for bags at the following quotations.

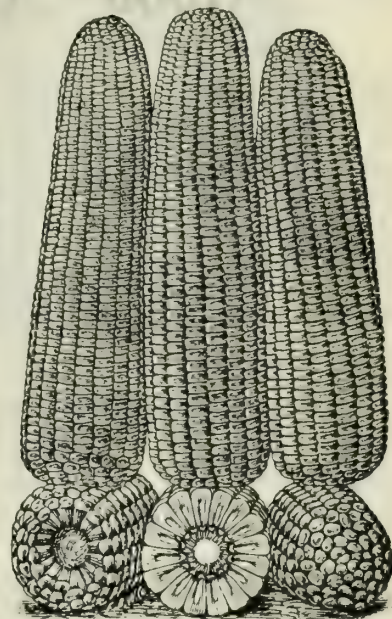
Any of the following varieties are 30 cents per quart, postage paid, except where noted otherwise.

## WHITE VARIETIES.

**Mexican June Corn**—This is purely a southern corn; has been grown for years in the drouthy districts of Southern Texas, New and Old Mexico, and of late years has been planted considerably all over southern states. It has certainly proved a great boon to the farmers, as it can be planted in June and July on oat and wheat stubble, and with moisture enough to start it good, it is reasonably certain to make a good crop. Remember, June Corn should not be planted before June. (If planted earlier, will grow nothing but fodder). Qt., 40c, postage paid; by express, pk., 75c; bu., \$3.00; 2 bu., \$5.50.

**Brazilian or Stooling Flour Corn**—A grand stooling sort, and each kernel produces several stalks, and each stalk bears 2 to 3 beautiful white ears, which makes a flour equal to the best of wheat. Pkt., 10c; qt., 35c, postage paid; by freight, pk., 75c; bu., \$2.50.

**Schwill's Early Surprise**—The earliest white field corn in cultivation. Planted on or about the middle of March, it will mature about the 1st of July. The Early Surprise Corn is the variety to plant if you want to be sure of a crop maturing before the drouth comes in August. Ears of good average size. Pk., 75c; bu., \$2.50; 2 bu., \$4.50.



Schwill's 90-Day White Corn.



Mexican June Corn.

**Tenn. Mammoth Red Cob White**—One of the best all-round white sorts for rich land, producing largest crops of finest quality corn. The ears average about 10 inches in length, of uniform size and great depth of grain, rows 18 to 34 on red cobs, well filled. The grains are pure white, solid, very deep, producing the finest milling white corn. The yield of this superior corn is very large, sometimes as much as 90 bushels per acre. We unhesitatingly recommend it, both for yield of grain or using for ensilage. Pk., 60c; bu., \$2.00.

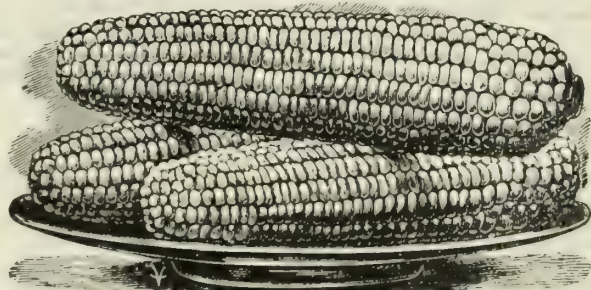
## WELL KNOWN STANDARD SEED CORN.

	Peck.	Bushel.
North Carolina Prolific .....	.75	\$2.25
Blount's Prolific .....	.75	2.50
Hickory King .....	.85	2.50
Iowa Silver Mine .....	.60	1.75
Champion White Pearl .....	.60	1.60
St. Charles White Red Cob .....	.50	1.40
Wisconsin White Dent .....	.50	1.50

**Improved Hickory King**—Grain large, broad and beautifully white, making the finest quality meal. The cob is often so small that a large-sized grain will cover the end of it. 1/2 pk., 50c; pk., 85c; bu., \$2.50.



Tennessee Mammoth Red Cob White Corn.



Schwill's Early Surprise Corn.

**Nebraska Prize**—Ears very large, solid and heavy grains, pure white, full and deep. For an all-round, very early, large yielding, fine white corn, we strongly recommend this variety. Pk., 50c; bu., \$1.75.

**Schwill's 90-Day White**—A fine white Corn, which has proved particularly well adapted to this section. It is a strong-growing variety; withstands drouth well. Stalks are strong, close-jointed and leafy. Produces large ears. Grains very deep; color, pure white; firm and good texture; Cob medium size. Matures in about 90 days. Yields very heavy. Our customers who have grown this Corn are remarkably well pleased with the crop results and pronounce it an ideal Corn for the south. 1/2 pk., 40c; pk., 60c; bu., \$2.00.

## UNLESS YOU HAVE GOOD SEEDS

You are sure to fail. If the seeds are poor, likewise your crop will be poor and you have a hard time disposing of it at any price. Now, we have only one kind of seeds, **GOOD ONES**. We have all the varieties, and large stocks of them, too. If you are now buying of us, you will say this is true. If you are not buying of us now, we ask you to test them. Our prices are at least 10 per cent. less than you can buy same quality elsewhere.

# Good Seed Corn

## YELLOW VARIETIES.

**Golden Surprise**—Business men are constantly on the lookout to increase their net profits by eliminating waste. Here we have a corn, bred with the idea of economy in mind. By long and careful selection we now have an extremely small-cobbed, deep-kerneled, even-sized-from-tip-to-butt corn. All the essential points of value to the farmer are still maintained. It has a smooth ear, with rich golden color. Golden Surprise is a poor land corn; fills out well.  $\frac{1}{2}$  pk., 50c; pk., 75c; bu., \$2.75.

**Schwill's Early Yellow Dent**—This is the best dent of its color for the south. It has been carefully grown and has as deep a grain and as large a percentage of grain to cob as is possible for such an early sort; color, bright yellow; average weight of ears, about 9 and 10 ounces, with 16 to 20 rows. Length of ears,  $7\frac{1}{2}$  inches. Pk., 50c; bu., \$1.85.

**Pride of Nishna**—An early yellow variety producing good-sized ears and maturing in 95 to 100 days from planting. It grows 8 to 10 feet high, has a strong, heavy, deep-rooting stalk and fair amount of foliage. The ears are uniform, of golden yellow color, deep grains firmly set on a small to medium-sized red cob, and yields remarkably well; sometimes 100 bushels per acre on rich soil. Is adapted to a wide range of conditions, and will be found very satisfactory for early or late crop planting. Pk., 75c; bu., \$2.25; 2 bu., \$4.00.

**New Madrid Yellow**—Large, heavy ears; deep grain, bright golden yellow in color. Southern grown stock. Pk., 50c; bu., \$2.00.

**Tennessee Mammoth Yellow**—A mammoth native variety; long broad grains, large ears, very strong grower, one of the finest corns. By freight, pk., 60c; bu., \$2.25.

**White Cap Yellow Dent**—Expert corn growers pronounce this variety a perfect field corn as to yield, size of ears, color, size of cob and growth of fodder. No corn will yield as well on poor, thin land, and none stand the drouth as well. Pk., 50c; bu., \$1.75.

**Improved Leaming**—Ninety days. Ears large and handsome, with deep, large grains; orange yellow color, red cob; stalks medium size, tapering gradually, generally producing two good ears each. Pk., 50c; bu., \$1.60.

**Iowa Beauty**—If you want to secure a crop of good, sound yellow corn, plant Iowa Beauty, large ears, grains a bright golden yellow, always sound and plump, matures in 90 days. Iowa Beauty is the largest of any of the 90-day varieties. Pk., 50c; bu., \$1.75.

**Squaw Corn**—This is the original Indian corn. It is very prolific, often having 2 and 3 stalks from one grain, with 2 or 3 ears to the stalk. It can be planted both spring and summer. Some people prefer it to "Mexican June" for late planting, and it makes a fine roasting ear. The grains are peculiarly mixed in color, blue, speckled and white.  $\frac{1}{2}$  pk., 75c; pk., \$1.00; bu., \$3.50.

**Funk's Yellow Dent**—A bright yellow in color, deep grain, medium smooth seed coat; set very close on the cob, no lost space between the rows, neither at the top of the kernel nor at the cob. Every ear carries all the corn the cob will hold. Ears from 8 to 12 inches long, 6 to 8 inches in circumference. Funk Yellow Dent is also high in protein content, the ideal feed for young growing stock. Pk., 75c; bu., \$2.50; 2 bu., \$4.75.

**Red Cob White Ensilage**—Broad dark green leaves; heavy tall stalks; for ensilage, the very best sort. Pk., 50c; bu., \$1.70.

## GOOD STANDARD SEED CORN.

	Peck.	Bushel.
Iowa Gold Mine .....	.40	\$1.50
Golden Beauty .....	.50	1.75
Early Butler Dent .....	.45	1.60
Reid's Early Yellow Dent .....	.50	1.75
Queen of the Prairie .....	.40	1.50
Pride of the North .....	.45	1.60

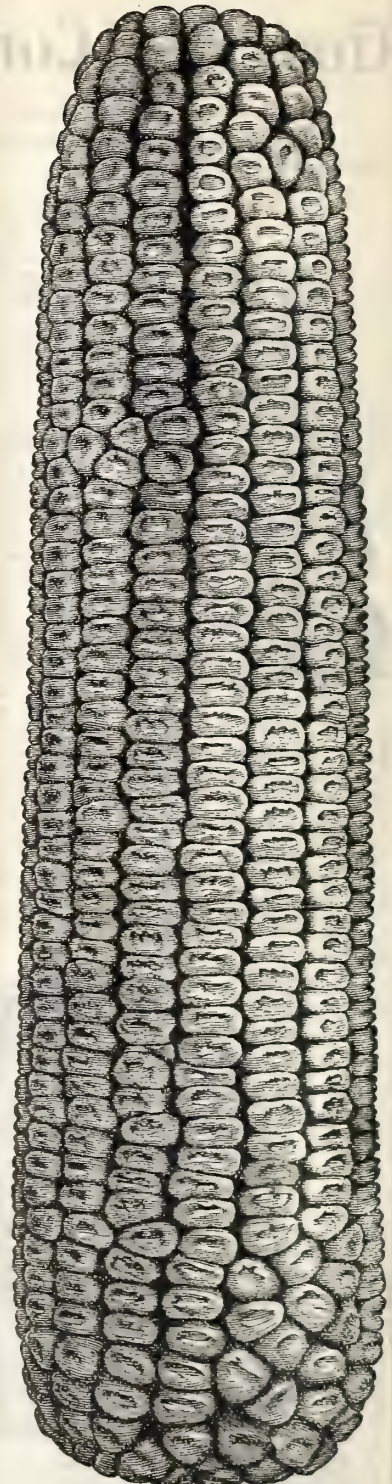
## POP CORN.

**Monarch White Rice**—A superior quality of Pop Corn, very easily popped and very sweet, tender and white after popped.

**White Pearl**—A fine variety; clear white and productive.

**Queen's Golden**—A beautiful golden color; pops extra large.

Price for any kind of Pop Corn, post-paid: Pkt., 5c;  $\frac{1}{2}$  lb., 15c; 1 lb., 25c. Not prepaid: 1 lb., 15c; 5 lbs., 60c; 10 lbs., 85c.



Golden Surprise Corn.

**MAGIC INSECT  
EXTERMINATOR  
and DISINFECTANT**

Price, \$1.50 per gallon.

**P**ROVEN to be the very best germ destroyer on earth; keeps down flies; drives away rats and mice; destroys ants, bedbugs, mosquitoes, mites, moths, fleas, roaches, chicken lice, ticks and all kinds of vermin. Disinfects outhouses, sinks, closets, basements and all places that produce unpleasant odors. It purifies the air, producing a healthful condition, destroying the germs and preventing the spread of all contagious and infectious diseases, and is an excellent deodorizer. **No household should be without Magic Disinfectant.**

## Good Seed Potatoes

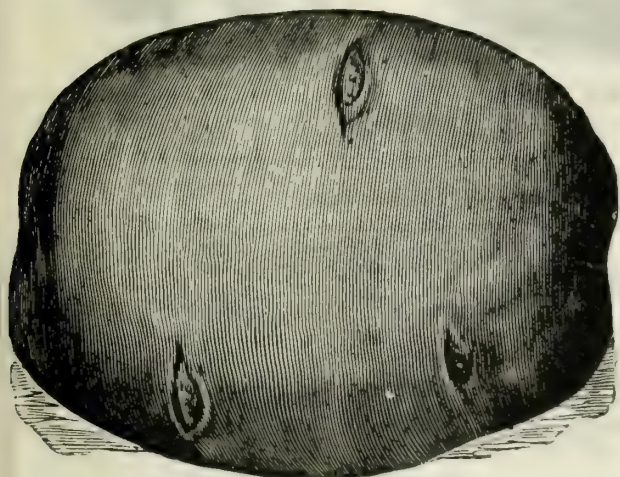
"Like produces like," therefore good selected seed should be planted. Of the many varieties that claim public favor, we have selected only a few, and these the best in cultivation. We aim to include in our lists all new sorts, which we have found by actual test are worthy of confidence, together with the best of the older kinds.

All prices subject to market fluctuations.

At sack, bushel, peck and half peck prices, buyer pays the freight or express charges. All sacks contain  $2\frac{1}{2}$  bushels, good measure.

We will book orders at the following prices as long as our present stock lasts, filling orders as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in weather by which they might be damaged while en route.

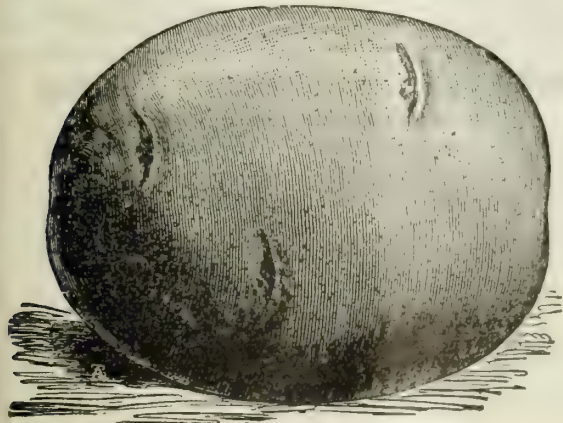
Please give plain shipping directions, and state when you wish Potatoes shipped.



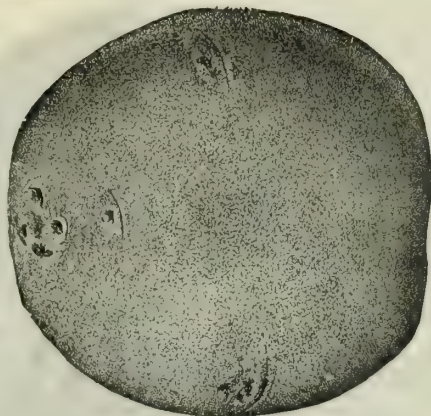
Irish Clobber Potato.

**The Bovee**—This variety is claimed to be the earliest and greatest cropper of all early potatoes. All reports received proclaim it to be a wonderful introduction among early potatoes. The vine is dwarf and stalky, tubers round and smooth; they grow closely bunched together in a hill. Its eating quality is extra fine. Pk., 75c; bu., \$2.00; sk., \$4.50.

**New Potato, Noroton Beauty**—This fine early potato is earlier than the Early Rose. Perfectly round and white, slightly splashed with pink; mealy, of excellent quality and pleasant flavor.  $\frac{1}{2}$  pk., 60c; pk., \$1.00; bu., \$2.50.



The Bovee Potato.



Bliss Red Triumph Potato.

**Red Triumph**—One of the earliest potatoes grown, and largely planted by truckers and gardeners for early crop, and mostly shipped to northern markets. Potatoes round, with deeply indented eyes and of pink skin. A very large yielding sort, and satisfactory for the earliest market and shipping. Northern grown seed, pk., 60c; bu., \$1.50;  $2\frac{1}{2}$  bu. sk., \$3.25. Second crop southern grown, pk., 50c; bu., \$1.25;  $2\frac{1}{2}$  bu. sk., \$3.00.

**White Bliss Triumph**—An excellent extra early potato; shape similar to the Red Bliss Triumph; color, white with pink eyes. Early and popular with market gardeners. Pk., 60c; bu., \$2.00;  $2\frac{1}{2}$  bu. sk., \$4.25.

**Irish Clobber**—A most desirable and productive extra early variety, of excellent table qualities; and it produces smooth, round, plump and handsome tubers, ready for market 10 to 12 days earlier than Early Rose. The tubers are a beautiful creamy white, eyes strong, well developed and slightly indented. Flesh white, skin even and slightly netted, which in potatoes always proves a distinctive mark of fine quality.  $\frac{1}{2}$  pk., 50c; pk., 75c; bu., \$2.40; sk., \$4.75.

**Extra Early Sunlight**—A new potato which is proving to be a money-maker for truckers wherever planted. It is extra early in maturity, somewhat similar to the Rose in shape, and a white potato of most excellent cooking qualities. Makes a very attractive appearance when dug, and sells at the highest price in our markets.  $\frac{1}{2}$  pk., 40c; pk., 75c; bu., \$2.25; sk., \$4.50.

**N. Y. Peerless**—A favorite general-crop variety; specially adapted for light and medium soils. It is round in shape. One of the largest-yielding kinds in cultivation, but for table qualities is not considered quite as good as some other kinds. Pk., 50c; bu., \$1.20; sk., \$2.90.

**Our Welcome**—A home-grown variety; pure white in color. It has but few eyes; they are very shallow. The skin and flesh are very white, and its cooking qualities the very best. Pk., 60c; bu., \$2.00; sk., \$4.50.

**Junior Pride**—A pure white potato, making a most presentable and attractive appearance, thus making it readily salable at the best market price. It is extra early in maturity, round in shape, somewhat similar to the Bliss Triumph, and produces nearly all its crop in large sized, marketable potatoes. Pk., 60c; bu., \$2.00; sk., \$4.50.

**Earliest Six Weeks**—Also recommended for early marketing, unsurpassed by any in quality, as it cooks dry and mealy as soon as the tubers have attained a marketable size. Tubers flesh colored, oval, oblong, uniform in size and good keepers.  $\frac{1}{2}$  pk., 50c; pk., 75c; bu., \$2.50; sk., \$4.75.

**Burbank**—An old standard variety, which continues in good demand. Long, white; good table qualities, and well adapted for heavy soils. Pk., 50c; bu., \$1.20; sk., \$2.90.

**New York Early Rose**—An old time favorite; matures early, excellent quality. Pk., 50c; bu., \$1.20; sk., \$2.90.

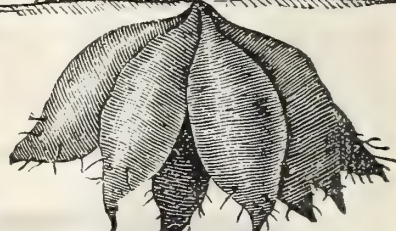


Red River Valley Early Ohio Potato.

# Good Seed Potatoes



Carmen No. 3 Potato.



Gold Coin Bunch Yam Sweet Potato.

**Extra Early Ohio**—This standard extra early sort matures about two weeks before the Early Rose. It is widely known and deservedly popular in all parts of the country. It has given better satisfaction over a wider range of country than any other variety. The tubers grow compact in the hill, are easily dug, very few small ones, nearly all being of marketable size. Our true Red River Valley grown seed is at least 10 days earlier than ordinary grown stock, and will out-yield them by far. Experienced gardeners will have no other seed at any price. Pk., 75c; bu., \$2.00; sk., \$4.25.

**Carmen, No. 3**—A splendid second-early variety, of perfect form, grows to a large size, almost every potato being of uniform size and shape. It has but few eyes, and they are very shallow. The skin and flesh are white, no hollow or dark spots, and its cooking qualities are very fine; a remarkably handsome potato and very prolific. Pk., 60c; bu., \$2.00; sk., \$4.50.

**New Gold Coin Vineless**—A new variety of great merit, which has become very popular. Dwarf, bush-like growth; tubers yellow, medium to large size; as sweet as the old yellow yam; deep, golden meat; fine keeper, and will yield twice as much as the yellow yam on any kind of soil. Pk., 60c; bu., \$2.00; bbl., 2½ bu., \$4.50.

**The New Spanish Bunch Yam**—This is entirely different from the Bunch Yellow Yam Potatoes, being earlier, far more productive. Pk., 50c; bu., \$1.50; bbl., \$3.25.

**Genuine Yellow Yam**—Best for southern soil; very sweet. Pk., 50c; bu., \$1.50; bbl., 2½ bu., \$3.25.

**Strasburg White**—The earliest of the white sorts. Pk., 50c; bu., \$1.50; bbl., 2½ bu., \$3.75.

**Red Brazilian**—Very early and of large size. Pk., 70c; bu., \$2.00; bbl., 2½ bu., \$4.50.

**Southern Queen**—Heavy yielder and early. Pk., 40c; bu., \$1.25; bbl., 2½ bu., \$3.25.

## Seed Sweet Potatoes

All prices here given are packed f. o. b. cars Memphis. Purchaser must pay carrying charges.

We advise express shipments, thus avoiding any delay, and they will be in good condition when they reach you. Complaints have been so frequent, customers stating that they were decayed and damaged on arrival, which is caused by the slow method of transportation. Sweet potatoes rot easily, and they must be moved quickly.

All seed sweet potatoes will be shipped about the 15th of March, as weather before that time is entirely too cold, and potatoes will rot when handled or bedded too early. They will be packed on same day order is to be shipped, and we take every precaution to see that they are in good condition when they leave here, but we will not be responsible for any loss from decay or otherwise after delivery to transportation company.

**Improved Vineless Yellow Yam**—We have this season a superior stock of the Bunch or Vineless Yams. The past few years the ordinary variety has shown a slight tendency to sport or run. The stock here offered is the upright bunch, with dark leaves and heavy stalk, a true bunch sweet potato like they were when originally introduced. Get some of this stock this season. ½ pk., 50c; pk., 75c; bu., \$2.25.

**Bunch Yellow Yam**—The Bunch Yellow Yam is fully 6 weeks earlier than the old-fashioned yellow yams, and will make a larger number of bushels per acre than the old variety. In quality they are sweet and sugary. Pk., 50c; bu., \$1.50; bbl., 2½ bu., \$3.25.

### SWEET POTATO PLANTS.

	Ready April 15.	100	1000
Genuine Yellow Yam	.....	.30	\$2.50
Southern Queen	.....	.30	2.50
Early Yellow Strasburg	.....	.30	2.50
Red Brazilian	.....	.30	2.50

### BUNCH YAM POTATO SLIPS.

	Ready April 15.	100	1000
Spanish Bunch Yam	.....	.40	\$3.00
Bunch Yellow Yam	.....	.40	3.00
Gold Coin Bunch Yam	.....	.40	3.50
Improved Vineless	.....	.50	4.00

Send cash with orders. All plants must go by express, at purchaser's expense. We cannot send them by mail.

## Acme Collection of Poultry Supplies

FOR \$5.00, PACKED F. O. B. MEMPHIS

100 lbs. Crescent Hen Feed	.....	\$2 00
25 lbs. Crescent Chick Feed	.....	75
10 lbs. Crushed Oyster Shell	.....	25
10 lbs. Mica Grit	.....	25
5 lbs. Beef Scraps	.....	25
5 lbs. Bone Meal	.....	25
25 lbs. Crescent Egg Mash	.....	75
1 1-gal. Jug Poultry Font	.....	50
1 bottle Microzone	.....	50
1 package Egg Maker	.....	25
1 package Insect Powder	.....	25
12 Triumph Leg Bands	.....	25

At regular prices this would cost \$6.25. It's yours on receipt of \$5.00.

## Cotton Seed RENEW YOUR PLANTING SEED

It is essential to change your cotton seed for planting. Our native and home-grown seed will mature earlier than stock you have had for years grown in the same latitude and climate. Likely you have wondered why it is you do not make a good, heavy crop. The trouble is with the seed you plant, using the same thing year after year, which is not only almost degenerate, but likely to be infected with disease. Try some of our choice varieties this season.

### LONG STAPLE VARIETIES.

**Dougherty's Extra Long Staple**—This variety produces a very compact plant, with large white tufted seed. The fiber of staple will average about  $1\frac{1}{2}$  inches long. The lint can be distinguished in the dark from any other sort on account of its silky and fluffy touch. The boll is of good size, containing 4 to 5 locks, more often 5. The variety is very productive, good opener, easily picked, thirds itself, and on good land will make a bale easily to the acre. It is highly recommended for rich soils. Pk., 75c; bu., \$2.00; 10 bu., \$18.00.

**Floradora**—Floradora cotton is a remarkably vigorous grower—on good soil will reach a height of 6 to 10 feet. It is not branching in habit like some other sorts, but throws out numerous straight limbs which are loaded with cotton. The variety is enormously prolific, consequently a big yielder. The boll of this variety is very large, most of them containing 5 locks. The seed are white and of good size. The lint is what makes the variety so profitable. It is equal to Allen's Long Staple in length, and is very fine and silky. This variety sold in Charleston, Savannah, New Orleans and Memphis last season at a great premium. Pk., 50c; bu., \$1.50; 10 bu., \$12.00.

**Davis Silk Long Staple**—One and five-eighths staple. Our leading factors agree Davis cotton is one of the best long staples that comes to Memphis. Pk., 75c; bu., \$2.00; 5 bu., \$8.50.

**Sunflower**—Price same as Davis.

**Allen's**—Price same as Davis.

### PROLIFIC VARIETIES.

**Excelsior Prolific Cotton**—Early maturing; easily picked; large bolls; small seed; clusters well around stalks, with few large limbs near bottom; grows tall, with long tap root. By freight, pk., 50c; bu., \$1.50; 10 bu., \$12.00.

**Cook's Improved Cotton**—A dependable cotton, a new variety that has given fine results, making heavy crops of such fine quality and length of fiber that it always brings best prices. Cook's Improved will make twice as much lint per acre as common seed with the same cultivation. Large bolls and also extremely early. Start right this season and use pure Cook's seed for a good big crop. Pk., 75c; bu., \$1.50; 10 bu., \$12.50.

**Triumph Big Boll Cotton**—Extra early, large boll cotton. Why take chances with your own seed? Triumph beats the boll weevil; it puts on the greater part of the crop before the weevil has a chance to get in its work; large bolls easily picked; plant grows large and strong. It is a true big balled forelock with an exceptionally long and full fiber for an upland or short cotton. Pk., 75c; bu., \$2.00; 10 bu., \$15.00.

**Russell Big Boll**—Big boll late variety. Seed both green and white. Strong, vigorous grower, but very late and should not be planted in any section where earliness of crop is desired. Seed grown from original stock. Pk., 50c; bu., \$1.25; 10 bu., \$12.00.

**King's Early Improved**—A very early, small-bolled, small-seeded variety, always thirds itself, and matures almost two weeks ahead of any other sort. On account of its extreme earliness it is largely planted in boll weevil-infected sections, as it matures the most of its crop before the weevil makes its appearance. King's is a very hardy variety, very resistant to rust and other diseases, and seems to hold its fruit without shedding better than any other sort. Pk., 40c; bu., \$1.00; 10 bu., \$8.50.

**World's Wonder**—Planters in the boll weevil district, wanting an early prolific cotton that will make before the insect begins its destruction, would do well to plant World's Wonder. Our seed is raised in this county and is acclimated. World's Wonder is medium boll, plant medium to tall, short limbs up to top, 2 to 3 large limbs at the bottom. Grows trim, straight up. No surplus foliage. Medium white seed. Opens early. Medium boll. Storm proof, but easily picked. A short staple—one inch. The top stalk above limbs fruits heavily to the apex or plant top; a most remarkable sight when in full yield. By freight, pk., 75c; bu., \$1.50; 10 bu., \$13.50.

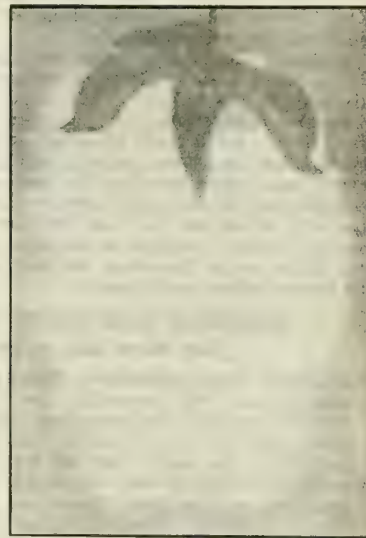


World's Wonder Cotton.

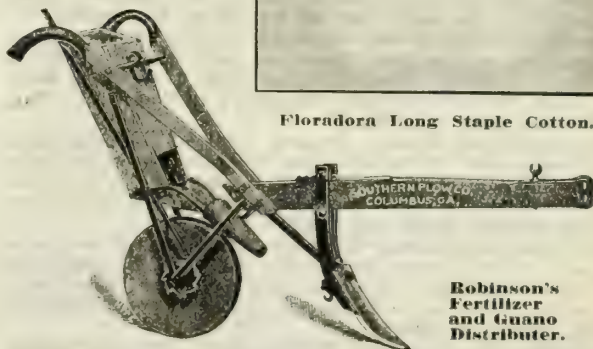
**Eureka Cotton**—The finest variety of improved big boll cotton. Produces larger bolls and more of them than any other big balled cotton. If you plant a big balled variety, you will make no mistake planting this one. It is a vigorous grower, finely shaped and fairly covered with the biggest of bolls. Resists drouth splendidly, and matures ahead of the boll weevil. By mail, 1 lb., 40c; by freight, pk., \$1.00; bu., \$2.00; 5 bu., \$8.50.

## Cotton Seed FROM Tennessee

Is boll weevil proof. Don't take a chance and lose your entire crop by planting any other. Experiments the past two seasons have proven Tennessee-grown seed mature early and ahead of the weevil.



Floradora Long Staple Cotton.



Robinson's Fertilizer and Guano Distributer.

### ROBINSON'S FERTILIZER AND GUANO DISTRIBUTER.

Will fit or can be attached to any plow stock. Will put out any quantity of fertilizer to the acre. The best, cheapest and simplest machine on the market. Nothing complicated about it. A boy can use it. This splendid machine can also be used to drop and drill stock peas, etc. Price, \$4.50 each, or 3 for \$12.00.

# Superior Fertilizers



Illustration showing untreated and Bonora treated plant. Notice the wonderful improvement in the plant on the left, the result of just two applications of Bonora.

Schwill's Star Brand Fertilizers are strictly high grade. It will pay you to use them. Write to us for booklet, giving full information on this most important subject. Each one is prepared for a special crop.

The intelligent and prosperous farmer of the present day is certain to be one who fully believes in and practices that excellent motto: "Feed the soil and the soil will feed you." Crops cannot live and thrive on air and water alone. Their roots penetrate the earth and absorb therefrom the nitrogen, phosphoric acid, potash or other elements of plant food they require. In some form these must be replaced, otherwise your year's work counts for naught. We are headquarters for Commercial Fertilizers, and our brands are up to the highest grades and standard required by the state test. We sell by the sack, ton or carload. Special quotations on carload lots.

**How to Apply or Use Fertilizers**—There are several ways to use this Fertilizer. Bed up the soil broadside and open a center furrow about 8 inches deep. After this is done put in the Fertilizer and rebed.

**Quantity**—Depends on crop and conditions; generally use 300 to 400 pounds in drills or 600 to 800 pounds broadcast, mixing with the soil.

**Another Suggestion**—Apply in furrows. While many farmers prefer to run a small plow both ways in the furrows after the fertilizer has been applied, mixing the fertilizer with the furrow soil before planting the seed, others prefer mixing it with the bed of each cotton row, as food for the lateral roots. And still others put half the fertilizer in the row, and broadcast and harrow, or plow in the other half after the cotton is up. Either one of the above methods can be used. It produces the desired effect—a big crop.

## SCHWILL'S STAR BRAND FERTILIZERS.

They Never Clog or Get Lumpy.

**Star Brand Cotton Grower**—A lasting and splendid combination prepared for increasing the cotton crop, and besides benefits the land for succeeding crop. Analysis: Available phos. acid, 10 to 12 per cent; potash, 3 to 5 per cent; nitrogen, 2 to 4 per cent. Bag, 200 lbs., \$2.50; ton, \$24.00.

**Star Brand Potato Grower**—Splendid for both Irish and sweet potatoes; makes them large and smooth and plenty of them. Analysis: Available phos. acid, 9 to 10 per cent; potash, 10 to 12 per cent; nitrogen, 1 to 2 per cent. Bag, 200 lbs., \$3.50; ton, \$32.50.

**Star Brand Fruit Grower**—Prepared for fruit trees and other nursery stock. It is both quick in action and at the same time lasting. Analysis: Available phos. acid, 8 to 10 per cent; potash, 12 to 14 per cent; nitrogen, 2 to 3 per cent. Bag, 200 lbs., \$3.50; ton, \$32.50.

**Star Brand Corn Grower**—Especially mixed for best results on corn, it will largely increase the yield of both grain and fodder. Analysis: Available phos. acid, 9 to 10 per cent; potash, 3 to 5 per cent.; nitrogen, 2 to 4 per cent. Bag, 200 lbs., \$3.00; ton, \$28.00.

**Star Brand Truck Grower**—Where quick results are wanted our Truck Grower is especially valuable, the best for all garden crops. We can recommend this mixture in fullest confidence for profitable results. Analysis: Available phos. acid, 9 to 10 per cent; potash, 6 to 7 per cent; nitrogen, 8 to 10 per cent. Bag, 200 lbs., \$4.00; ton, \$35.00.

**Star Fern Food**—Makes house and pot plants thrive. 4 oz. bottles, 25c each; by mail, 30c each.

**"Bonora," Nature's Plant Food**—The recognized fertilizer of modern times. The actual results from the use of "Bonora" have been demonstrated fully, and are really beyond the expectation of those who have used it. Has been used on the capitol grounds of Washington, D. C., with great success. "Bonora" is put up in dry form, as follows: Trial size, 1/4 lb., pkg., 25c; by mail for 30c. 1 lb. size pkg., 50c; by mail for 65c. 5 lb., size pkg., \$2.50, by express. Also pint bottles liquid 50c pt. Circulars and further information on application.

**Walker's Excelsior Plant Food**—Has no odor whatever, and can be used dry or dissolved in water for sprinkling. Small pkg., 20c; large pkg., 35c; by mail add 5c for postage.

**Bowker's Food for Flowers**—Produces rich, green growth and profusion of flowers. Pkt., 20c; by mail, 30c.

**Albert's Plant Food**—For palms, ferns, India rubber plants, bulbs and all kinds of pot plants it is by far the most complete, most effective, most economical and easiest applied fertilizer made. Tin, 20c; by mail, 30c.

**Nitrate of Soda**—This is the cheapest concentrated form of ammonia or nitrogen that can be bought commercially. It is usually applied after a crop is growing, because it is available so quick that it can't be used to profit when seed are planted except on very quick maturing stuff. It is valuable in composts, and especially desirable to hurry on cabbage and onions, also to draw up wheat and oats. 25 lbs., \$1.50; 100 lbs., \$4.50; ton, \$70.00.

**Kainit**—Runs 12 to 15 per cent of actual potash, and its values are based on its content of potash. Kainit is recommended as an insecticide and germicide; prevents rust in cotton, scab on potatoes, and destroys numerous insects in the soil where applied. It is splendid to put in the compost or any formula requiring potash, or it can be used independently from other fertilizer, or in addition, at the rate of 200 to 400 pounds to the acre. Bag, 200 lbs., \$2.50; ton, \$22.00.

**Muriate of Potash**—Eighty per cent pure, equivalent to 48 to 50 per cent actual potash. 5 lbs., 40c; 25 lbs., \$1.25; 50 lbs., \$2.50; 100 lbs., \$4.00.

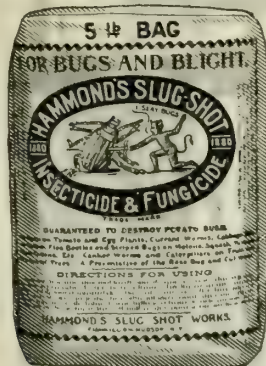
**Land Plaster or Gypsum**—Is largely used as a fertilizer for clover and grasses. 50 lbs., 65c; 100 lbs., \$1.00; 200 lb. sk., \$1.25; ton, \$10.00.

**Pulverized Sheep Manure**—One of the best manures to mix with soil for potting plants. As a lawn top dressing it is unequaled. 5 lbs., 30c; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50.

**Pure Bone Meal**—Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, etc. 5 lbs., 30c; 10 lbs., 40c; 25 lbs., \$1.00; 50 lbs., \$1.50; 125 lbs., \$3.00; ton, 2,000 lbs., \$35.00.

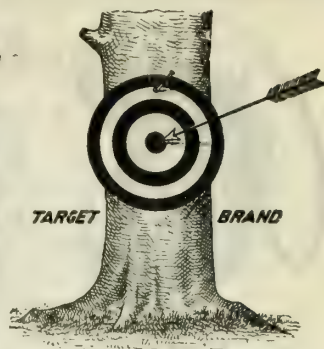
**Star Brand Tomato Grower**—To grow large tomatoes and early ones use this special brand, an even balanced fertilizer prepared especially for this crop. Analysis: Available phos. acid, 9 to 10 per cent; potash, 6 to 7 per cent; nitrogen, 1 to 2 per cent. Bag, 200 lbs., \$3.00; ton, \$28.00.

## Insecticides and Remedies for Plant Diseases



The results obtained from the use of any insecticide or fungicide depend much upon the operator, says Prof. Bailey. Timeliness, thoroughness and persistence are the watchwords of success. It is easier to keep an enemy away than to drive him away.

Dry powder and soaps—non-poisonous—can be forwarded by mail. Postage 16c per lb. additional. Liquid insecticides are not permitted in the mails. Prices are f. o. b. Memphis, purchaser paying carrying charges unless noted otherwise.



**Target Brand Scale Destroyer**—Concentrated liquid that can be reduced at the rate of 1 gallon to 20 gallons water. It is scientifically compounded and makes a perfect remedy for San Jose scale, maple scale and all insect life that inhabit the scale of trees, shrubs, etc. It works freely in any ordinary sprayer. Can be applied early and late in season. Qt. can, 50c; gal. can, \$1.50.

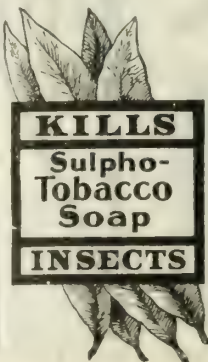
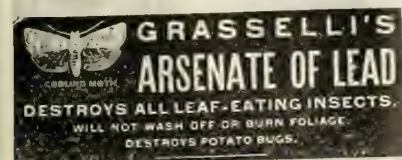
**Bordeaux Mixture**—Bordeaux Mixture is not a cure-all, but will prevent the blight from destroying the crop and also increase the yield. Who has not seen a fine field of cucumbers and tomatoes one day, and in the next few days nothing but a lot of dying vines? This is prevented and the crop insured by using Bordeaux Mixture. Qt. cans, 50c; gal., \$1.50. One gallon diluted will make 50 gallons ready to spray.

**Hammond's Slug Shot**—One of the best vegetable insecticides in use. Specially recommended for destroying cabbage worm. Not dangerous to handle, like paris green, etc. By mail, 1 lb., 30c; by express, 1 lb. carton, 15c; 5 lb. pkg., 35c; per 100 lbs., \$5.00.

**Carbolineum**—A wood preserver; also a fine insect killer for fruit and shade trees. 1 gal. cans, \$1.50; in bulk, 10 gal., \$10.00.

**Grasselli's Arsenate of Lead**—It is a well known fact that Arsenate of Lead is rapidly replacing articles formerly used for spraying, such as Paris Green, London Purple, White Arsenic and the like. The fact that Arsenate of Lead may be used with perfect safety, that it will cling to the foliage longer and is cheaper than the above mentioned articles, has made it the popular insecticide with the up-to-date fruit grower. Grasselli's Arsenate of Lead Paste represents the highest standard of quality as an insecticide, and has been approved by entomologists, horticultural societies and leading fruit growers throughout the country. Grasselli's Arsenate of Lead Paste is manufactured from the best materials obtainable and the finished product represents long and careful study. If you want good fruit and satisfactory results, we recommend that you spray with Grasselli's Arsenate of Lead. It cannot do your trees any harm, and it is sure to do them a great deal of good. Why not start now? 1 lb. jars, 25c; 5 lb. pails, \$1.00; 12½ lb. keg, \$2.00; by express or freight only.

**Magic Lice Killer**—Sure death to ants, roaches, water bugs, lice, fleas, etc. Safe to use spray right on poultry, dogs or hogs. Does no harm to animal or fowl, but kills the insect. We guarantee it in every respect. 1 gal. cans only, \$1.50; with sprayer, 50c extra.



**Target Brand Arsenate of Lead**—An effective insecticide for leaf-eating insects and particularly suitable for very tender foliage, being perfectly safe to apply in any strength without danger of scorching. Will not wash off by ordinary rains. It is now the most popular and successful insecticide used in the popular fruit districts. Use 5 lbs. to 80 gallons of water. Any of our spray pumps with fine nozzles will apply it. 1 lb., 25c; 5 lb. can, \$1.00; 12½ lb. kegs, \$2.00; 100 lb. kegs, \$14.00.

**Bug Death**—A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Bug Death is not only a non-poisonous insect slayer, but also acts as a plant food, and is a benefit to all vegetation. Ask for descriptive circular. By mail, 1 lb., 30c; by express, 1 lb., 15c; 5 lb. pkg., 50c; 12½ lb. box, \$1.00; 100 lb., keg, \$7.50.

**Fir Tree Oil Soap**—Fine for roses and house plants; destroys mealy bugs, aphids, etc. ½ lb. tin, 30c; by mail, 40c.

**Lime, Sulphur and Salt Solution**—A sure remedy for San Jose scale; easily applied. Qt., 50c; gal., \$1.50.

**Sulpho-Tobacco Soap**—Quickly exterminates all insect life on plants and flowers in and out of doors. Unsurpassed for rose bushes. For domestic purposes it rids the house of cockroaches and is a superior wash for dogs and all animals. Eight-ounce cake, sufficient for 4 gals., prepared for solution, 25c; mailed, postpaid, 35c.

**English Compound**—Sure death to potato bugs and all other insects. Should, however, be used very carefully, being poison. By mail, 1 lb., 25c; by express, 1 lb., 10c; 10 lbs., 50c; 100 lbs., \$2.50.

**Whale Oil Soap**—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees. Lb., 25c; by mail, 40c.

**Kerosene Emulsion**—The best thing for sucking bugs, tree bugs, squash bugs, woolly aphids, worms on trees and plants. A sure shot. Qt. cans, 40c.

**Hammond Grape Dust**—For the prevention of mildew on roses, grapes, etc. Apply with bellows. 5 lb. pkg., 35c.

**"Rose-Leaf" Tobacco Extract**—Most effective for destroying all insects and scale on plants. Pt. cans, 35c; qt., 50c.

**Bordeaux Mixture (Dry)**—The best remedy for mildew, black rot, leaf curl, etc. 1 lb. makes 5 gallons of solution. Lb., 20c; 5 lb. bag, 60c.

**Tobacco Dust**—Effective for destroying lice and worms on cabbage, striped bugs on melons, cucumbers and other insects. By mail, 1 lb., 30c; by express, 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c.

**Weedicide**—Kills and eradicates weeds of all sorts by simply sprinkling the liquid on them. For yards and lawns, walks, drives, use Weedicide. 1 gal. jug, \$1.50.

**Lemon Oil Insecticide**—The very best remedy for house plants, palms, etc., effectually destroying green fly, red spider, scale, mildew, etc. Pt., 50c.

**Paris Green**—For potato bugs, worms and caterpillars. 1 lb., 35c; 5 lbs., \$1.60; by express only.

**Cattle Content**—To protect cows and horses against house flies, horse fly, gnats, mosquitoes, etc. Qt., 50c; gal., \$1.50.

**Red Star Disinfectant and Fly Killer**—Protects cattle and horses from fly pest and vermin. Sure preventive, perfectly harmless, easily applied, inexpensive. Red Star Fly Killer is a sure preventive that kills and drives away the worst of all pests, the Texas, Buffalo and horn flies. It was born of a necessity; it meets an existing demand for an article of its kind. Qt. cans, 75c.

## Spraying and Dusting Implements

The use of sprayers and spraying compounds has become a recognized necessity in raising fruits and plants. The sprayer is as much of a necessity as is the fertilizer or any other part of the process of cultivation. Following and others can be supplied. If you do not see here what you want, write for information. Prices do not include transportation:

**Kant-Klog Compressed Air Sprayer**—Sprays fruit trees, potatoes, vegetables. For hen houses, disinfecting, etc. Special attention is called to the new "Kant-Klog," the only nozzle that can be successfully cleaned without stopping the spray or removing the nozzle from the tree. The first and only nozzle ever made which gives both flat and round sprays or solid streams. Descriptive circular on request. Price, with galvanized steel body, \$5.00; with polished brass body, \$6.50.

**Novelty Tin Spray Pump**—Is used in a bucket. Has four nozzles. Is especially adapted for throwing insecticides on bushes, whitewashing chicken houses, etc., also washing windows, buggies, etc. Price, \$1.25.

**The Auto-Spray Pump**—For spraying and disinfecting stables, hen houses, etc., and for low trees if extension pipes are ordered. Any fluid concoction can be applied with it, even to whitewash. The improved machine has the "Auto-Pop" attachment, which doubles the efficiency by saving half the solution and labor. Galvanized tank with stopcock, \$5.00; galvanized tank with "Auto-Pop," \$6.00; extension pipe, 2 ft. length, 35c.

**The "Lightning" Whitewash Sprayer and Force Pump**—A bucket spray and force pump, for spraying trees, shrubbery, garden use, vegetables, washing wagons, windows, etc., as well as for whitewashing. Each, \$2.50.

**Lowell Atomizer and Sprayer**—Used largely for spraying cattle, with the different mixtures on the market, to keep off the flies; spraying paris green and other insecticides on potato vines, shrubs, small trees, house plants, live stock and poultry. It will apply the finest possible spray on any object desired and exterminate any kind of insect life. Weighs only one pound. Can hold 1½ pts. Price, each, 50c.

**Lowell Dry Powder Sprayer**—This is constructed on the same principle as the liquid atomizers, having a reservoir and a plunger which forces the insecticide out, scattering it in a fine impalpable powder. Price, each, \$1.00.

**The "Lowell" Fountain Compressed Air Sprayer**—Acknowledged king of sprayers for the farmer, fruit grower, stockman, florist and user of general liquid disinfectants and poisons. Each, \$5.00.

**Red Star Atomizer**—A compressed air hand sprayer, the only one on the market we know of. This enables the operator to spray with half the labor the ordinary sprayer requires. Qt. size, each, \$1.00; 2 qt. size, each, \$1.50; by express only.

**Junior No. 5 Spray Pump**—Is the easiest working and will do more different kinds of work than any pump ever made. Will pump from a pail, barrel, tank, spring or creek. Without fastenings of any kind it stands firmly wherever placed. Weighs only 4 lbs. and is ready for instant use everywhere. Price, each, \$3.00.



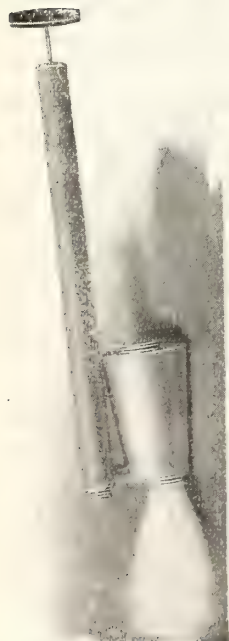
Brandt's Sprayer.



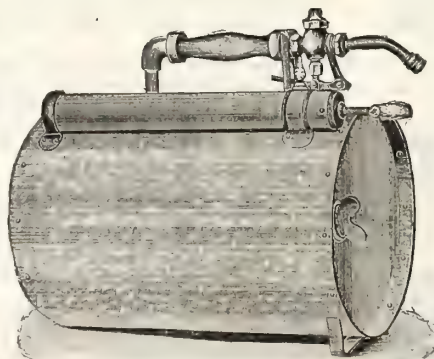
Junior No. 5 Pump.



Lowell Atomizer.



Lowell Dry Powder Gun.



Lowell Fountain Compressed Air Pump



Novelty Tin Spray Pump



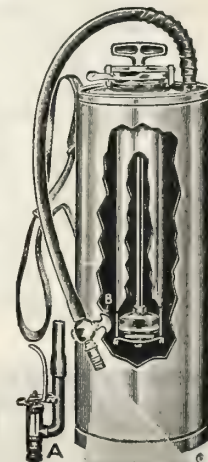
Pneumatic Red Star Atomizer.



Kant-Klog Compressed Air Sprayer.



Lightning Whitewash Sprayer and Force Pump.



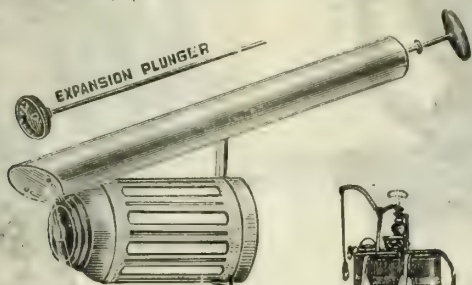
PATENTED.  
The Auto Spray Pump.



# Spraying and Dusting Implements

**Dickey Bug Death Duster**—A neat little tool for applying Bug Death. Price, each, 25c.

**Myer's Knapsack Sprayer**—The best Knapsack Sprayer. Has a patent agitator and is a convenient outfit. Price, with galvanized iron tank, \$6.50.



**Lightning Double Tube Sprayer or Atomizer.**



**Knapsack Sprayer.**

**Brandt's Compressed Air Sprayer**—By the use of a good spray pump a poultry house can be whitewashed in half the time that it would take to go over it with a brush. All kinds of disinfectant for the prevention of diseases or destruction of insect pests can be applied to poultry houses, walls, fruit trees and plants to better effect by using a good spray pump. Each \$5.00; whitewash attachment 50c extra.

**Little Giant Bucket Spray Pump**—Easy to operate; has a patent agitator and foot clamp, etc. Price, each, \$3.50.

**New Lightning Double-Tube Sprayer**—Easy to operate. Price, each, 75c.

**The Tennant Atomizer**—The newest and best device for spraying on the market. Price, tin, each, 75c; brass, each, \$1.00.

**Tin Duster**—For applying Slug Shot and paris green. 1/2 gal., 40c; 1 gal., 60c.

**Daisy Force and Spraying Pump**—For spraying insecticides and whitewash in the poultry house; also for spraying fruit trees and plants. Each, \$1.50.

**Champion Dry Powder Gun**—The best dry powder gun, will distribute and dry insecticides and fungicides. Dusts 2 rows at once. Each, \$7.50.

**Insect Gun**—Each, 15c; by mail, 25c; large sizes 25c each; by mail, 30c.

**Rubber Sprinklers**—Handy for house plants. Scollay's Angle Neck, each, \$1.00; Scollay's Straight Neck, \$1.00.

## Miscellaneous Garden Tools, Etc.

### PLANET, JR., GARDEN PLOWS, ETC.

The best tools on the market. On account of limited space, we are unable to illustrate fully these splendid implements, but for the asking we will be pleased to mail a fully illustrated and descriptive catalogue.

### GARDEN DRILL AND HILL SEEDERS.

- Planet Jr. No. 1—Combined drill and wheel hoe. \$9.50.
- Planet Jr. No. 2—The best drill. \$7.50.
- Planet Jr. No. 3—Hill and drill seeder. \$10.50.
- Planet Jr. No. 4—Combined hill and drill seeder. \$11.00.
- Planet Jr. No. 5—Large size hill and drill seeder. \$13.00.
- Planet Jr. No. 6—Hill and drill seeder. \$11.00.

### HORSE HOES AND CULTIVATORS.

- Planet Jr. No. 4—Horse hoe and cultivator, without wheel. \$6.00.
- Planet Jr. No. 7—Horse hoe and cultivator, with wheel. \$8.50.
- Planet Jr. No. 8—Horse hoe and cultivator, complete. \$9.00.
- Planet Jr. No. 9—Horse hoe and cultivator, without wheel. \$7.00.
- Planet Jr. No. 4—Plain cultivator, without wheel. \$4.50.
- Planet Jr. Harrow—Twelve-tooth, plain. \$5.00.
- Planet Jr. Harrow—Twelve-tooth, with wheel and pulverizer. \$9.00.

**Farmers' Single Wheel Hoe**—This is made by the manufacturers of the celebrated Planet Jr. tools. The attachments consist of a large plow, a 10-inch sweep, 6-inch sweep, 4-inch cultivator tooth and a 2-inch cultivator tooth. Price, \$3.75.

### GARDEN WHEEL HOES.

- Planet Jr. No. 11—Double wheel hoe. \$9.00.
- Planet Jr. No. 12—Double wheel hoe. \$7.00.
- Planet Jr. No. 13—Double wheel hoe. \$4.75.
- Planet Jr. No. 16—Single wheel hoe. \$5.85.
- Planet Jr. No. 17—Single wheel hoe. \$5.00.

**"Toledo" Garden Plow**—The most inexperienced and ignorant laborer on earth can handle this tool with entire success. The new sweep does fine work in high tough weeds, and grass—nothing too hard for it. All kinds of work can be done with this plow and combination of tools; plowing and breaking of the ground in spring and harrowing, cultivating hilling and weeding; in fact, nearly everything that can be done with the most expensive machines except dropping the seed. Notice our new shapes—winged sweep 9x9 inches; bull-tongue, reversible, double-end shovel 9 inches long; turning plow; malleable rake or weeder. Five tools in all, 24-inch steel wheel. Price, each, \$2.25; 3 for \$6.00.



**Planet Jr. No. 11 Wheel Hoe.**



**Planet Jr. No. 9 Horse Hoe and Cultivator.**



**Farmer's Friend No. 19 Single Wheel Hoe.**

**Toledo Garden Plow.**

# Miscellaneous Garden Tools, Etc.



**Cahoon Broadcast Seed Sower.**

**SEED SOWERS.**

**Little Wonder Seed Sower**—Simple, strong and practical. Especially recommended for sowing grass seed. Each, \$1.25.

**Cyclone Seed Sower**—Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly. Each, \$1.50.

**Premier Broadcast Seeder**—Sows accurately any kind of grain or seeds. The slide can be closed instantly. A good, cheap machine. Each, \$1.00.

**New Idea Seed Sower**—A good, strong but light machine; sows all small seeds, also grain, etc., to perfection. Each, \$1.50.

**The Chicago Seeder**—Like the Cyclone, is a strictly first-class machine, and will do equally well the same amount and kind of work. Each, \$1.25.

**Cahoon Broadcast Seeder**—One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. Each, \$3.00.

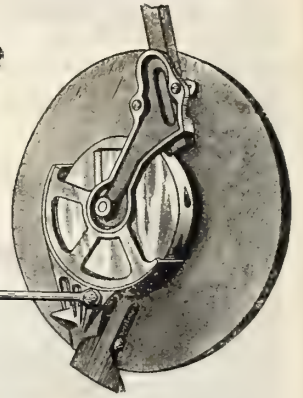
**Thompson's Wheelbarrow Seeder**—Will sow clover and grass seed, either mixed or separate; graduated to sow in any quantity per acre; 20 to 30 acres can be sown daily by using this machine. Each, \$9.00.

**Eureka Seed Drill**—This is an excellent, low-priced, reliable seed drill. Will drill, drop and cover all seeds, such as turnip, carrot, sage, spinach, onions, parsnips, beets, etc. It weighs only 3 pounds, is a little beauty, and will last many years. Price, each, \$1.50.

**The Acme Seed Drill**—A simple and cheap seed drill that will open a furrow and distribute beet, carrot, onion, radish, turnip and such seeds with perfect regularity. Price, each, \$1.00.



**Black Hawk Grinding Mill.**



**Eureka Garden Drill.**

**Acme Asparagus Buncher**—A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. Price, \$2.50.



**Asparagus Knife.**

**Asparagus Knife**—  
English saw blades .....each \$1.25  
American .....each .75

**Plant Duster**—  
Tin, 1 gal. ....each .50  
Tin, 1/2 gal. ....each .35

**The Red Chief Corn and Pop-Corn Sheller**—Guaranteed to do as good if not better work than any sheller on the market; shells both corn and pop-corn perfectly. Smooth oval teeth that will not crack grains. Safe to use for seed corn. Cold rolled steel axle with 4 1/2-inch bearing on hub gives machine easy and steady motion. Tension directly on cob, not on hopper, which makes sheller run very easy, no force being required to expand hopper. Price, \$2.50.

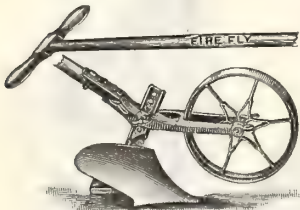
**The Hough Grass Edger**—For flower beds along walks. This edger has 1 1/2 inch bottom blade, so you can cultivate between the edge of walks or grass and plants. For edging up lawns it has no equal. Price, each, \$1.00.

**Waters' Tree Pruners**—One of the best made. Cuts limbs up to three-fourths of an inch in diameter. With 6-foot handle, \$1.50; with 8-foot handle, \$1.75; with 10-foot handle, \$2.00.

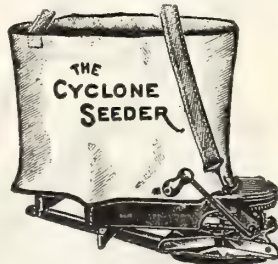
**The "Firefly" Garden Plow**—This tool is most useful in small gardens, opening furrows for manure or seeds, and covering them quickly. The moldboard is of tempered and polished steel; the depth is quickly changed. Price, \$2.35.

**Black Hawk Grinding Mill**—A most useful and substantial grinding machine for poultrymen, as well as for farm and family use. Is adapted for grinding all kinds of grain and seeds, such as wheat, corn, rye, kaffir corn, sunflower seed, etc.; but cannot be used for bones or shells. Price, \$3.00.

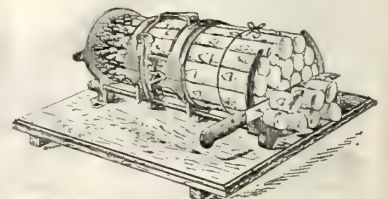
**Fruit Picker**—Wire .....each .75



**Firefly Garden Plow.**



**Wire Fruit Picker.**



**Asparagus Buncher.**



**Thompson's Wheelbarrow Seeder.**

# Miscellaneous Garden Tools, Etc.



**Dry Bone, Shell and Corn Mill.**



**Brass Syringe.**



**Thermometer.**



**Woodason Powder Bellows.**



**Excelsior Hand Weeder.**

Dibble—All iron .....each .50  
 Dry Bone, Shell and Corn Mill—This mill will grind dry bones, shells, all kinds of grain, gravel. Price, without stand, \$4.00.

Baskets—  
 Standard, 1 bu., stave .....doz 1.50  
 Standard, 1/2 bu., stave .....doz 1.40  
 Market, 1/2 bu. ....doz .50  
 Market, 1 pk. ....doz .50  
 Market, 1/2 pk. ....doz .50

Bellows—  
 Woodason's Single Cone .....each 2.00

Bee Smokers—  
 Clark's Improved .....each .60

Calf Weaners—  
 Prong Weaners .....each .50  
 Rice's .....each .60

Corn Planters, Hand—  
 Eagle .....each 1.50  
 Segement .....each 1.50

Fork—Transplanting .....each .25

Horse Muzzles—To keep stock from biting off young corn. Strong galvanized wire. Each 25c; doz., \$2.00.

Hawkeye Tree Protector—A sure protection against sun-scald, rabbits, mice and other vermin. Made of the very best quality rock elm veneer. Per 100, \$1.50; 50 for \$1.00.

Hot Bed Sash—Glazed, 3x6 .....each 2.50

Huskers—Corn .....each .25

Knife—Potato, concave .....each .35

Mole Traps—  
 The Reddick, Improved .....each \$1.25  
 Little Giant, very strong .....each 1.00

Mats, for Covering Sash—  
 Jute, 76x76 .....each 1.50

Mowing Knife Grinders—  
 Bi-Pedal .....each 5.00  
 Diamond Grinder .....each 4.00

Moth Catcher—  
 Haveltine's, large size .....each 1.00

Measures—  
 Wooden, iron bound, 1 qt. ....each .10  
 Wooden, iron bound, 2 qt. ....each .15  
 Wooden, iron bound, 4 qt. ....each .20  
 Wooden, iron bound, 1 pk. ....each .25  
 Wooden, iron bound, 1/2 bu. ....each .35

Our Lightning Mole Trap—Made of malleable iron and steel. Being but 15 inches high when set, can readily be used in hot beds. Price, each, \$1.25.

Pruning Saw—Double edge .....each 2.00  
 Raffia—  
 For tying .....per lb. .25

Strawberry Boxes—  
 Quarts .....per 1000 4.00  
 Crates .....per 1000 10.00

Syringe, Brass—  
 For fine sprinkling ..... 4.25

Trowbridge Grafting Wax—This is made to standard formula and is furnished in cakes ready for use. 1/2 lb. cake, 25c; postage 16c lb. extra.

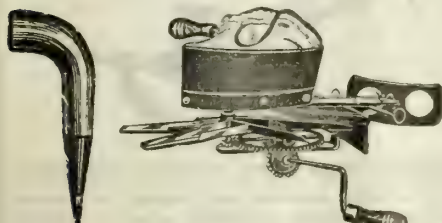
Thermometers—  
 8 inch .....each .30  
 10 inch .....each .40

Trowels—  
 English forged steel .....each .50  
 Best American steel .....each .25  
 Cleve's Angular .....each .35  
 Ladies' Floral .....each .25  
 Transplanting, long blade .....each .25

Twines—  
 Jute, 2-ply, lb., 15c; 100 lbs. ....@ 12c  
 Jute, 3-ply, lb., 15c; 100 lbs. ....@ 12c  
 Binder, 5 lb. ball, each, 75c; 100 lbs. ....\$14

Weeders—Hand.  
 Eureka, splendid tool .....each .50  
 Lang's improved .....each .25  
 Excelsior .....each .25  
 Cleveland Lawn Weeder .....each .75

Wire Muzzles—Keep stock from biting young corn. Each, 25c.



**Transplanting Dibble. Premier Seed Sower.**



**Galvanized Wire Horse Muzzle.**



**Hawkeye Tree Protector.**



**Rice Calf Weener.**



**Steel Trowel.**



**Little Giant Mole Trap.**

# Brinly Steel Plows, Planters and Cultivating Tools

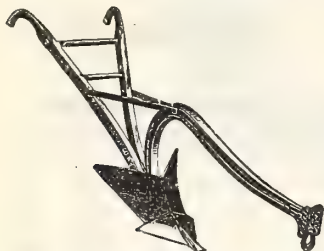


BRINLY WOOD BEAM TURNING PLOW.



BRINLY STEEL BEAM TURNING PLOW.

Farmers everywhere appreciate that Brinly Plows are the best manufactured. They do the best work, are the strongest, most durable and simplest in construction. Brinly Duck-Bill plow points out-wear three of other makes.

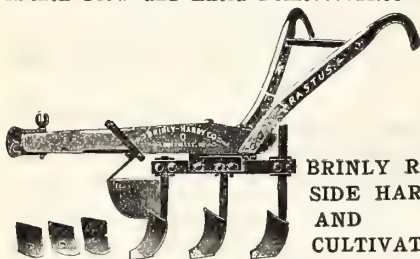


BRINLY STEEL TURNING PLOWS.

	—Beam—	
	Wood.	Steel.
Opal Plow and Extra Point, 1 horse, 7 inch. . . .	\$5.00	\$6.30
Gem Plow and Extra Point, 1 horse, 8 inch. . . .	5.75	7.20
Ruby Plow and Extra Pt., light 2 horse, 8½ inch	7.50	9.00
Garnet Plow and Extra Pt., reg. 2 horse, 9½ in.	8.65	10.35
Coral Plow and Extra Point, reg. 2 horse, 10 in.	9.00	10.80

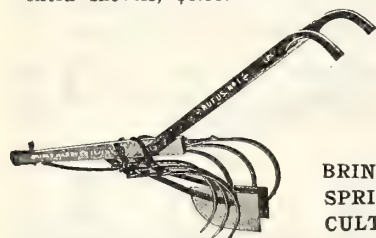
BRINLY STEEL MIDDLEBREAKER.

	—Beam—	
	Wood.	Steel.
8-inch Plow and Extra Point. . . .	\$7.20	
9-inch Plow and Extra Point. . . .	7.65	
10-inch Plow and Extra Point. . . .	10.00	\$11.70
12-inch Plow and Extra Point. . . .	11.00	12.60



BRINLY RASTUS SIDE HARROW AND CULTIVATOR.

Bottom can be purchased to be used on Opal, Gem, Ruby, 8, 9 and 10-inch Middlebreaker Plows. Price complete \$5.00; bottom, including extra shovels, \$3.85.



BRINLY RUFUS SPRING TOOTH CULTIVATOR

Price with Fenders . . . . . \$5.25  
Price without Fenders . . . . . 4.50



CELEBRATED BRINLY COMBINATION PLOW.

One Stock for Plow, Middlebreaker and Sweep. Opal Turning Plow with 8-inch Middlebreaker and Sweep Foot with 16-inch Sweep, \$10.55. Gem Turning Plow with 9-inch Middlebreaker and Sweep Foot with 16-inch Sweep, \$12.00. Ruby Turning Plow with 10-inch Middlebreaker and Sweep Foot with 16-inch Sweep, \$15.60. Garnet Turning Plow with 12-inch Middlebreaker and Sweep Foot with 16-inch Sweep, \$16.35.

**WE CAN  
FILL ANY  
ORDERS**

You Send  
Us for

**Brinly  
Goods**

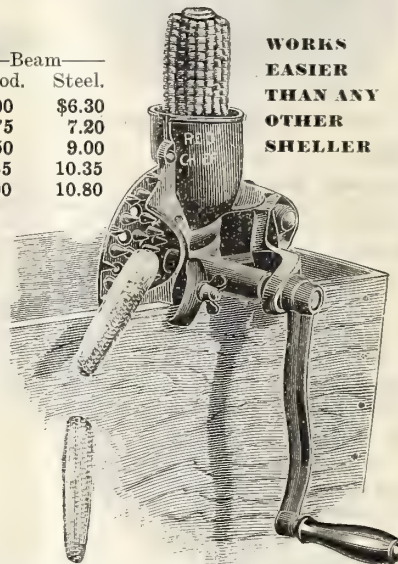
and guarantee  
quick shipments

**TERMS CASH  
WITH ORDER**

Send for complete  
Descriptive  
Catalogue

of the

**Celebrated Brinly  
Plows and  
Implements**



**WORKS  
EASIER  
THAN ANY  
OTHER  
SHELLER**

Brinly's Red Chief Corn Sheller—Guaranteed to shell every grain and does not crack or injure grains. Only sheller safe to use for seed corn. Clamps on barrel or box. Throws cobs outside. Has closed hopper so operator cannot pinch hand; adjusts itself to any size ear. Requires no wrench. Will last a lifetime. All repairs furnished free of charge. Price f. o. b. Memphis, \$1.75.



BRINLY SUBSOIL STEEL PLOW.

No. 0, 1 horse . . . . .	5 in.	\$4.50
No. 3, 2 horse . . . . .	7 in.	6.75



BRINLY CORN AND COTTON PLANTER.

Simple, strong, accurate and plants corn several distances without changing plates. Finished with 2 corn plates; also pea, sorghum and cotton plates. Price, \$12.00.



# Flower Pots, Bulb Pans, Etc.

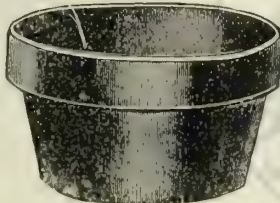
The following prices are net. No discount. Packing free, which we do under our own supervision, but we are not responsible for any breakage. No goods sent C. O. D.:



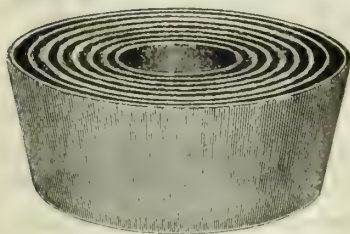
Flower Pot Saucer.



Flower Pot.



Bulb Pot.



Fern Pan.

### FLOWER POT SAUCERS.

3 inch	per doz	\$ .20
4 inch	per doz	.25
5 inch	per doz	.30
6 inch	per doz	.40
7 inch	per doz	.60
8 inch	per doz	.75
9 inch	per doz	1.25
10 inch	per doz	1.50
12 inch	per doz	2.40
15 inch	per doz	3.60

### SEED OR BULB POTS.

6 inch	each	\$ .15
8 inch	each	.25
10 inch	each	.30
12 inch	each	.40
14 inch	each	.50

### FERN PANS.

4 3/4 inch	each	\$ .10
5 1/2 inch	each	.15
6 1/4 inch	each	.20
8 inch	each	.30
10 inch	each	.35

### STANDARD FLOWER POTS—WITHOUT SAUCERS.

2 1/2 inch	per doz	\$ .20	9 inch, each 20c	per doz	1.75
3 inch	per doz	.25	10 inch	each	.25
4 inch	per doz	.35	12 inch	each	.50
5 inch	per doz	.50	13 inch	each	.75
6 inch, each 10c	per doz	.65	14 inch	each	1.25
7 inch, each 12c	per doz	1.00	16 inch	each	1.75
8 inch, each 15c	per doz	1.50	18 inch	each	2.25

## American Veterinary Remedies

**The American Blister**—The most reliable and easily applied blister made. The one that produces extensive blisters and does not make a raw surface or white hairs or kills the hair follicles. Is indicated in all cases where a much stronger counter-irritation is desired than is produced by a liniment. Applied according to directions, it does not cause the hair to come out. Price, 50c.

**The American Spavin, Splint and Ring Bone Ointment**—For bog or blood spavin, bone spavin, splints, ring and side bone, thoroughpin, bony growths of all kinds. The most reliable medicine of its kind on the market. This medicine is indicated in the treatment of spavins, splints, ring and side bone, curb, thoroughpin, callouses, wind puffs and all bony growths and enlargements of any description. One or two applications bring about the desired results in the majority of instances. It is a most powerful absorbent. Price, 50c.

**The American Tonic and Blood Purifier**—For horses, mules, cattle, sheep and hogs. Acts directly on the blood, stomach, liver and kidneys, throwing off impurities and promoting healthful secretions. Stimulates the flow of the natural digestive juices, thereby causing a proper assimilation of the food. This preparation is indicated in all cases where an animal is in a run-down or debilitated condition. For loss of appetite, worms, indigestion, stocked legs, dropsy, eruptions of the skin, weakness of the loins, hide bound, harshness or dryness of the hair, moon blindness. Especially recommended during recovery from debilitating illness. Prevents colic in horses and mules, milk fever and garget in cows, cholera in hogs and abortion in cows and mares. Puts animals in condition to resist diseases which they are heir to. Price, 50c.

**The American Physic Ball**—Acts directly on the bowels and liver. A sure and harmless purgative pill for horses and mules. For constipation, loss of appetite, sluggishness, indigestion, lampas, yellows, colic, staggers, worms, founder, hide bound, meningitis, dropsy, nettle rash, scaly skin, periodic inflammation of the eye. Price, 25c.

**The American Gall Remedy and Antiseptic Healing Powder**—

For sore necks, sore backs, sore shoulders, galls and abrasions of all kinds, wire cuts and cuts and wounds of any description, scratches, thrush, all raw surfaces. Kills screw worms and stops bleeding in fresh wounds. The American Gall Remedy and Antiseptic Healing Powder is, as its name implies, a clean, soothing, antiseptic local application for the successful treatment of galls, sores and cuts of all kinds, old stubborn and malignant sores, thrush of the frog, scratches. Eradicates screw worms. The sheet anchor treatment for wire cuts. It prevents the formation of proud flesh and pus. Stops bleeding in fresh wounds and kills germs. The owner of work stock will, by the proper application of this powder, enjoy satisfaction which has hitherto been unknown to him. It has absolutely no equal. A single trial is convincing. Two sizes, 50c and \$1.00.

**The American Colic and Kidney Remedy**—An unsurpassed remedy in the treatment of both spasmodic and flatulent colic, bots, inflammation of the bowels, acute indigestion, scours, staggers, enteritis, kidney trouble, such as azoturia, black water, stoppage of urine, paralysis of hind quarters, inflammation of the bladder. Two sizes, 50c and \$1.00.

**The American Fever Powder**—For horses, mules and cattle. Perfectly safe, as it does not depress the heart's action. The most reliable remedy for lung fever, pneumonia, distemper and all diseases attended with fever. A combination of pure and selected chemicals, compounded with the utmost care on strictly scientific principles. It does not cause a sudden and dangerous reduction of temperature, but instead a gradual, safe and positive one. This medicine is indicated in pneumonia, pleuro-pneumonia, bronchitis, pleurisy, laryngitis, distemper, pink-eye, epizootic, lung fever, coughs, colds, chills and all disorders attended with fever. It is the best known remedy for acclimating horses and mules recently shipped, and prevents the disease commonly known as acclimation fever. Two sizes, 50c and \$1.00.

We can heartily recommend any of the above remedies. Send all orders direct to us.



## Poultry Foods and Supplies

We handle a complete line of Poultry Supplies of the best quality. Prices subject to important market changes. Transportation charges to be paid by purchaser, except where marked postpaid.

To get the best results poultry must be made strong, healthy and prolific. They need shell-forming, feather-building, sinew-strengthening materials that will invigorate the system and develop their laying qualities.

**Crescent Baby Chick Feed**—Our own preparation, made with care from nothing but the best grains. A complete food for young chicks. It is a mixture of 11 different grains and seeds, so proportioned that they meet the needs of the growing chicks and fully nourish them. Crescent Chick Feed is a complete and properly balanced ration, ready for use. 6 lbs., 25c; 25-lb. sack, 75c; 100 lbs., \$2.50.



**Red Comb Baby Chick Feed; Fine**—Chick Food is scientifically prepared to meet the chick requirement and it is not thrown together as many of the cheap foods on the market are, but it is made of the choicest materials that money will buy. Quality is first in our minds. It is the safest feed to give young chickens. Feeding it regularly will prevent all the ailments to which they are liable and having a good start for the first few months, they will mature much earlier and in better condition for laying or the market than they would in the ordinary way. Only the choicest cereals and imported bird millets are used. To these are added the very best oatmeal and fine cracked charcoal, all of which combined make a food just fitted to produce strong and vigorous chickens. **Directions**—Little chickens, like old hens, need exercise and there is no danger of overworking them. Throw some of our chick food in the litter on the floor and let them scratch for it, but do not throw it on the ground where it will get damp, for in that way it will become sour. Feed a little at a time and keep them hungry. You will find that when they are fed in this manner they will grow much faster than where the feed is before them so they can get it without any exercise. After they are 4 to 6 weeks old feed can be kept before them all the time. 6 lbs., 25c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75.

**Red Comb Scratch or Hen Feed**—The finest quality possible in a poultry food. Extra clean grade. Not an ounce of waste. Composed of all sound grain. Wheat, barley, kaffir corn, rice, sunflower, charcoal and others, mixed in proper proportion for best results. Our Red Comb is the best on the market. No matter what brand you have been using, Red Comb is superior. Try a bag and be convinced. 10 lbs., 30c; 50-lb. bag, \$1.50; 100-lb. bag, \$2.50; 5 bags, \$11.50.

**Red Comb Growing Chick Food**—A developing food. Has no equal for growing chicks. A mixture of small grains, beef scraps, charcoal and other ingredients for the quick growth of poultry. Should be fed as soon as chicks get too large to eat the fine ground feed. 6 lbs., 25c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75.

**Excelsior Mixed Chicken Feed**—A mixture of wheat screenings, kaffir corn, chops, barley and mill cleanings; all good, sound grains, but not as clean as our Crescent Feed. It is a splendid mixture at a lower price. 100-lb. bags, \$1.85; 5 bags, \$9.00.

**Red Comb Meat Mash**—This is a mash food, carefully compounded to bring results. It contains all the necessary ingredients to produce eggs and develop young stock. It is fine to feed during the moulting season to produce strength, also a feather grower. Our customers report wonderful results from the use of this mash. 6 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50.

**Crescent Mixed Chicken Food**—A splendid mixture of cracked and whole grains such as wheat, oats, barley, corn, buckwheat, sunflower, kaffir corn, millet, charcoal and scraps. It is the result of a large number of experiments and is mixed in the right proportions to produce bone, muscle and eggs, especially the latter. 10 lbs., 25c; 50 lbs., \$1.25; 100 lb. bag, \$2.00; 5 bags, \$9.50.

**Crescent Mash Food**—Composed of meat scraps, mill feed and alfalfa meal. This gives the necessary combination of green foods, meat and medicinal qualities for highest egg development. 6 lbs., 25c; 20 lb. sack, 60c; 100 lb. sack, \$2.50.

**Pigeon Feed**—A complete feed for pigeons, containing everything necessary for their welfare. 6 lbs., 25c; 20 lbs., 75c; 100 lbs., \$2.50.

**Crescent Choice Beef Scraps**—Pure meat, cooked and dried; invaluable for the hens and growing fowls. Feed in a mash. Makes a sure egg producer. 6 lbs., 25c; 20 lbs., 75c; 100 lbs., \$3.50.

**Alfalfa Meal**—Rich in protein; the best vegetable food; it is fine-ground sweet and green alfalfa hay; a great egg producer; best to feed with grain mashes, scalded with boiling water. 10 lbs., 50c; 25 lbs., 75c; 100 lbs., \$2.50.

**Chamberlain's Perfect Chick Food**—The original dry chick feed; guaranteed in every way. You are sure to raise the little fellows by feeding Perfect Feed. We have it genuine. 6 lbs., 25c; 25 lbs., 75c; 100 lb. bag, \$2.50.

**Granulated Bone**—Granulated Bone is especially valuable as an egg shell producer, and has the good quality of providing poultry the phosphates, lime and protein that they need. We can supply coarse for large poultry and fine for baby chicks at following prices: 6 lbs., 25c; 20 lbs., 75c; 50 lbs., \$1.75; 100 lbs., \$3.00.

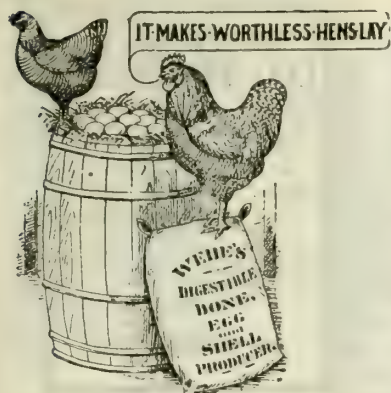
**Red Pepper Screenings for Poultry**—This can be mixed with soft food and fed to advantage. Lb., 10c; 10 lbs., 75c; 25 lbs., \$1.50.



Chamberlain's  
Perfect Chick Feed.



# Poultry Foods and Supplies



IT MAKES WORTHLESS HENS LAY

**Seeds and Cereals for Chick Food**—While we believe that much better results can be obtained by using our regular prepared foods, we are in position to furnish anything in the line of chick or bird feeds at bottom prices.

	5 lbs.	25 lbs.
Buckwheat .....	\$.25	\$1.00
Canada Field Peas .....	.25	1.00
Canary Seed .....	.40	1.50
Hemp Seed .....	.40	1.50
Maw or Poppy .....	.60	2.50
Millet, German .....	.25	1.00
Millet, Large Yellow .....	.25	1.00
Rape Seed .....	.40	1.50
Sunflower Seed .....	.50	2.00



ENOUGH TO MAKE ANY CHICKEN LAUGH!!!

## POULTRY GRIT—SHELL AND GRAIN.

**Charcoal**—Prepared expressly for poultry. Absolutely pure. No poultryman can afford to be without charcoal, and a little of it goes a long way. It aids digestion and promotes the health of the poultry of all ages. Prepared by us in three grades: **Grade A** (fine granulated), for use in mash mixtures. **Grade B** (medium granulated), for small, newly hatched to half-grown chicks, also hens. Lb., 10c; 3 lbs., 25c; 25 lbs., \$1.00.

**Crescent Poultry Grit**—A bright, clear Grit, easily seen by poultry. In this respect it is an improvement on the dark colored grits. Crescent Grit is a grit and shell maker combined, makes poultry strong and healthy. Coarse for poultry: 10 lbs., 25c; 50 lbs., 75c; 100 lbs., \$1.00; 500 lbs., \$4.50. Pigeon size: 10 lbs., 25c; 100 lbs., \$1.25. Baby chick size: 3 lbs., 10c; 10 lbs., 25c; 50 lbs., 75c.

**Steel Cut Oats**—Popular for their nutritive value and the aid they give to quick growth and maturity of young stock. 10 lbs., 60c; 50 lbs., \$2.50; 100 lbs., \$4.00.

**Flax Seed Meal**—A little fed occasionally to poultry is very beneficial. One tablespoonful in a mash to each dozen fowls, daily, is a great help during the moulting season. Lb., 10c; 3 lbs., 25c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.25.



**Crushed Oyster Shell**—It is a fact recognized by all breeders of poultry that a grit of some kind is a necessity; even where fowls roam at large, they show a marked improvement, gain in strength and plumpness by supplying them with crushed shells. The analysis of these crushed shells shows that they are practically pure carbonate of lime. They supply just what is lacking and greatly aid in the formation of eggs. Coarse for poultry: 10 lbs., 25c; 100 lbs., \$1.00; 500 lbs., \$4.50. Fine for baby chicks and pigeons: 10 lbs., 25c; 100 lbs., \$1.25.



**Mica Crystal Grit**—This is the sharpest Grit made. It does not become smooth, but retains its rough form. Many poultry raisers will have no other kind. Coarse for hens: 10 lbs., 25c; 100 lbs., \$1.00; 500 lbs., \$4.00. Pigeon Grit: 10 lbs., 25c; 100 lbs., \$1.25. Chick, small size: 3 lbs., 10c; 10 lbs., 25c; 50 lbs., 75c.

**Wehe's Digestible Bone, Egg and Shell Producer**—A special preparation containing all the natural elements to produce eggs; increases the secretions, perfects digestion, cures and prevents disease. 10 lbs., 25c; 50 lbs., \$1.00; 100 lb. sack, \$2.00.

**Red Wheat for Pigeons**—Extra choice re-cleaned seed. 5 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.25.

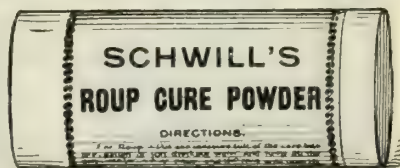
**Kaffir Corn**—This is probably one of the best, as well as the cheapest, foods for hens, chickens or pigeons. It is about the size of a very small pea, and is fast taking the place of other grains for poultry food. Pk., 50c; bu., \$1.25.

**Cracked Corn**—Valuable for mixing and feeding with other grains. 100 lbs., \$2.00.

## CHOLERINE LIQUID FOOD FOR FOWLS

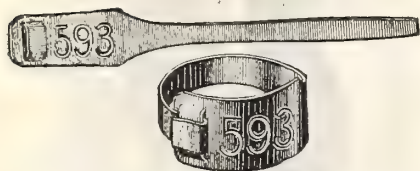
**Cholerine, Liquid Food for Fowls**—Is absolutely guaranteed to cure and prevent cholera, roup and gapes. It consists of six pure vegetable extracts, all that is good for poultry and a perfect terror to cholera, roup and gapes. It regulates the digestive organs and purifies the blood, and we have called this compound "Cholerine." It works alike on turkeys, chickens, ducks, geese, pigeons and all of the fowl family. "Cholerine" is a liquid food for fowls and for fowls alone. It is not a cure-all, but is prepared for poultry and poultry diseases only. Bottle, 50c, by express only. Send for booklet telling all about Cholerine.

## Schwill's Poultry Remedies, Etc.



**Schwill's Roup Cure**—Will positively cure roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds and is unequalled for canker, especially in pigeons. One 50-cent package makes 25 gallons of medicine. Small package, by mail, prepaid, 25c; large package, by mail, prepaid, 50c.

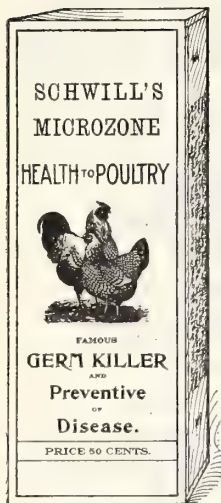
# Schwill's Poultry Remedies, Etc.



Reliable Copper Pliant Leg Bands.



Reliable Spring Lever Poultry Punch.



**Schwill's Microzone**—(Liquid, cannot be mailed.) This up-to-date remedy will cure roup, sore eyes, sore mouth, sore breast, back or shoulder, cracked heels, wounds, sores or cuts, saddle galls and canker. Used in drinking water for roup, or a teaspoonful is mixed with 1 pint of warm water and applied, with a clean rag, on sores. **Bottle, 50c.**

**Schwill's Sure Lice Killer**—This is one of our own preparations demonstrated by actual experience in our own chicken houses and we know we are offering you something that will keep the mites and lice down. It is a liquid and put up in sealed tin cans. It contains more insect destroying qualities than any other preparation ever put on the market. The liquid is sprinkled, sprayed or painted on the roosts, nests and sides of poultry or on the bedding of hogs. The gas or vapor does the work while the chickens or hogs are asleep. Our price is more reasonable than others and very cheap considering the high quality of the preparation. **Qt. can, 30c; gal. can, 90c, by express only.**

**Schwill's Egg Producer**—It is scientifically compounded, thoroughly balanced and perfectly pure and free from any harmful substance. In this day of egg production, it stands to reason that a condition powder given at intervals of 2 or 3 days apart is a great benefit to keep the fowls in the pink of condition and enables them to bear up under the egg-forming process. **2½ lb. box, 25c; by mail, 60c.** Full directions for feeding on each package.

**Tobacco Dust**—Fine for putting in dust box for fowls. **Lb., 30c, postpaid; by express, 1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.**

**Germozone**—When treating diseases of fowls it is of utmost importance to guard against contagion. Drinking vessels should be kept thoroughly clean and scalded with boiling water at frequent intervals. Germozone should be given in all drinking water while any are sick. In roup, canker, etc., contagion is always through the drinking pans, while in cholera or bowel trouble it is through the droppings. Full and complete directions with each bottle. Also information that enables you to tell "First Indications of Disease." **Price, 50c per bottle.**

**Knox Lice-Killing Nest Egg**—A combined nest egg and lice killer. By simply using it in the nests in the same manner as an ordinary nest egg is used, laying hens are cleared of lice and mites, and are able to occupy the nests with comfort. The use of this nest egg insures the absence of all kinds of insect pests from the nest. **Each, 10c; ½ doz., 50c; doz., \$1.00.**

**Porcelain Nest Eggs**—The Opal brand are the best made. With these there is no danger of getting stale eggs mixed with the fresh ones, nor of the hens acquiring the habit of egg-eating. **3 for 10c; 6 for 15c; 12 for 30c.** If by mail, **50c per doz.**

**Clay Pigeon Nests**—Made of very high grade and valuable clay terra cotta in color, well formed in design and superior in finish. Diameter, 8 in. **Each, 15c; 2 for 25c; doz., \$1.20.**

**Reliable Spring Lever Poultry Punch**—To mark chicks and keep a record of the different breeds, strains, etc. **Price, 35c each, postage paid.**

**Reliable Copper Pliant Leg Bands**—A most satisfactory device for marking poultry; are neat, simple and easy to put on, and absolutely secure if properly applied. **Doz., 25c; 100, \$1.50, postpaid.**

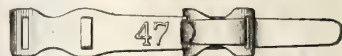
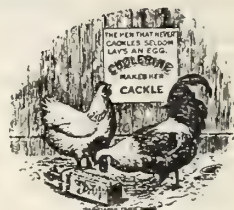
**Triumph Aluminum Leg Band**—Made of wire aluminum. The most satisfactory leg band on the market. Are used by a majority of the largest breeders in the West. **12 for 20c; 25 for 40c; 50 for 75c; 100 for \$1.35, postpaid.**

**Pigeon Bands**—Made from aluminum; seamless. **12 for 30c; 25 for 60c; 50 for \$1.00; 100 for \$2.00.**

**Climax Leg Bands for Poultry**—The stay-on kind, very strong and durable, easily attached and fasten securely. Numbered from 1 to 100. **Doz., 25c; 100, \$1.50.**

**Triumph Poultry Markers**—An excellent punch for marking poultry. **Each, 25c; by mail, 30c.**

**Champion Poultry Punch**—A good spring lever punch. **Each, 35c, postage paid.**



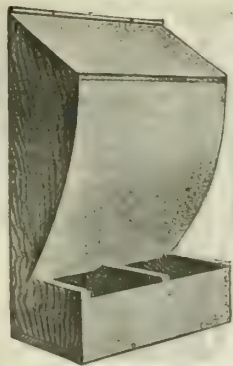
Triumph Aluminum Leg Bands.



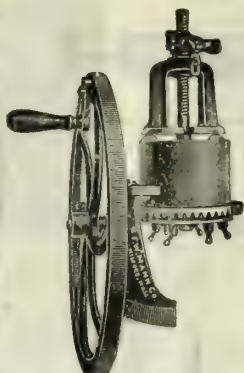
Triumph Poultry Punch or Marker.



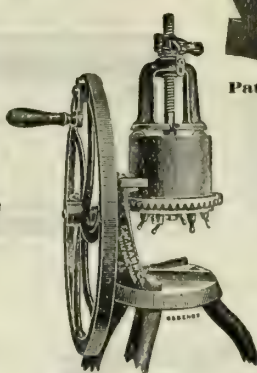
# Poultry Supplies



**Acme Grit and Shell Box.**



**Mann's Green Bone Cutter No. 5 B.**



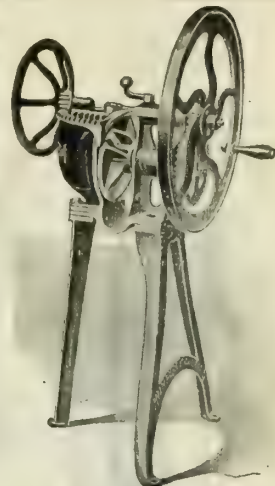
**Mann's Green Bone Cutter No. 5 B.M.**



**Patent Chick Feeder.**



**Galvanized Shell and Grit Box.**



**Humphrey's No. 1 Green Bone Mill.**

**Acme Grit and Shell Box**—These boxes are made of heavy galvanized iron, with wood sides and bottoms. Have two compartments holding 1½ quarts each. Cover at top. For grit or shell. Strong, light and durable. Price, 50c.

**Galvanized Shell and Grit Boxes**—Automatic feeders. The grit, shell, etc., come down into the feeding space as fast as the fowls require them. Divided into three sections. Each, 60c; 3 for \$1.50.

**Boston Dry Food Hopper**—Made of galvanized iron and it is almost indestructible. The wire grid follows the dry mash and prevents it from wasting. This is the best dry mash feeder made. Made in 3 sizes: 90c, \$1.00 and \$1.25 each.

**Victor Automatic Water Fount**—Simple and reliable; no loose parts to get out of order and cause trouble; readily adjusted by boring hole in barrel and screwing in the pipe; fill barrel with water, and fountain is ready for use. Price, \$1.00.

**Humphrey's Green Bone and Vegetable Cutter**—This is one of the leading bone cutters on the market. Be sure and investigate this mill before you purchase. Ask for catalogue fully describing Humphrey's Bone Mill. No. 1 cutter, \$12.00.

**Chick Feeder**—Made of heavy galvanized iron with wood ends and bottom. For chick food, grit and charcoal. Intended exclusively for small chicks and is so shaped at bottom that larger fowls cannot eat from it. (See illustration.) No. 2, two compartments, 50c; No. 3, three compartments, 75c.

**Mann's Green Bone Cutter**—The standard bone cutter; easily adjusted; self-feeding; nothing makes hens lay like fresh green cut bone. Send for illustrated catalogue of the Mann machine. No. 5B mill, without stand, \$8.00; No. 5BM, with stand, \$10.50; No. 7 mill, on iron stand, \$12.00.

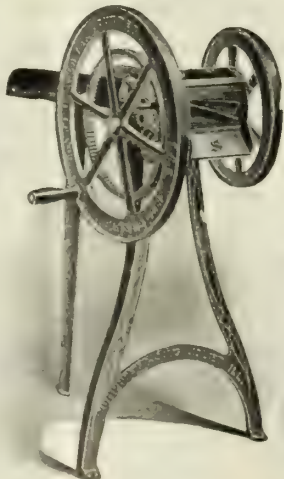
**Humphrey's Clover Cutter**—For cutting alfalfa and clover; also cuts vegetables of all kinds; strong and durable. Send for circular. Price of mill, \$10.00.

**Poultry Drinking Fountains and Hoppers**—They keep the water clean and cool. Just the thing where you are raising little chicks. Keeps them from getting wet. They save the life of many a valuable chick. They are well worth the price. Prices named are packed f. o. b. Memphis:

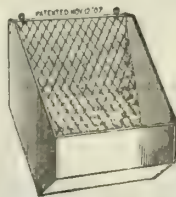
	Size.	Each.
Galvanized Iron Drinking Fountain.....	1 qt.	\$ .30
Galvanized Iron Drinking Fountain.....	2 qt.	.40
Galvanized Iron Drinking Fountain.....	3½ qt.	.50
Galvanized Iron Drinking Fountain.....	6 qt.	.75
Stoneware Poultry Drinking Fountain.....	2 qt.	.25
Stoneware Poultry Drinking Fountain.....	4 qt.	.35
Stoneware Poultry Drinking Fountain.....	8 qt.	.50
Sanitary Jug-Shaped Drinking Fountain....	1 qt.	.30
Sanitary Jug-Shaped Drinking Fountain....	2 qt.	.40
Sanitary Jug-Shaped Drinking Fountain....	3 qt.	.50
Wall Galvanized Iron Fountain.....	1 gal.	.60
Wall Galvanized Iron Fountain.....	2 gal.	1.00



**Galvanized Iron Drinking Fountain.**



**Humphrey Clover Cutter.**



**Boston Dry Food Hopper, with Guard.**

**Galvanized Dry**

**Hopper Feeder**—Just what you need for feeding dry grain food, beef scraps, etc. Made of heavy galvanized iron. Each, \$1.00.



**Galvanized Iron Wall Fountain.**



**Dry Hopper Feeder.**

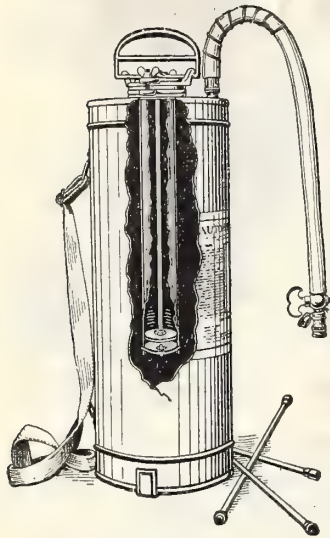


**Sanitary Jug Shaped Fountain.**



**Stoneware Patent Drinking Fountain.**

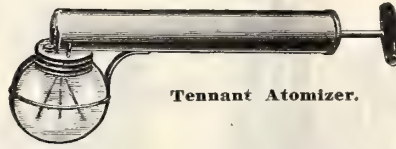
# Poultry Supplies



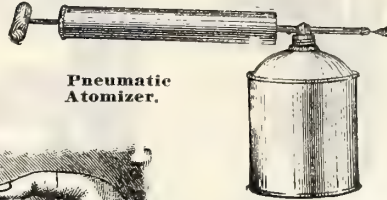
**Auto Compressed Air  
Spray Pump.**



**Standard  
Egg Tester.**



**Tennant Atomizer.**



**Pneumatic  
Atomizer.**



**Lightning Sprayer No. 21.**



**Insect Gun.**

**Insect Gun**—Used for applying insect powders of all kinds. Each, 15c; by mail, large sizes, 25c each; by mail, 30c.



**Wire Hen's Nest.**

**Incubator and Brooder Lamps**—Large size, for Nos. 2, 3 or 4 Incubators, Colony Brooder, and Double Indoor Brooder, 90c, by express; small size, for Nos. 0 or 1 Incubators, or Single Indoor Brooder, 75c, by express.

**High-Grade Tested Thermometers**—Incubator Thermometer, Triangle, 75c; without wire, postpaid. Brooder Thermometer, 50c.

**Lamp Burners**—Small size, 25c; large size, 35c.

**Eyrie Egg Box**—For shipping settings of eggs. Made from jute board and partitioned off with double-faced corrugated paper. The handle prevents laying anything on top while in transit. No. 1 holds 15 eggs. Each, 20c; doz., \$2.00; No. 2 holds 30 eggs. Each, 25c; doz., \$2.50.

**Standard Egg Tester**—This is the best cheap, small-sized egg tester on the market. It will fit any ordinary house lamp, and will show you just how the eggs are progressing. Each, 25c.

**Auto Spray Pump**—An automatic sprayer. A few strokes of the plunger in the air chamber will compress air enough to discharge the entire contents, making a continuous spray for 9 minutes. Will spray whitewash. You can do a large amount of work with this pump. Price: Galvanized tank, with auto pop nozzle, \$6.00; brass tank, with auto pop nozzle, \$8.50.

**Pneumatic Atomizer**—A splendid compressed air sprayer; easily operated; throws a continuous stream. Qt. size, \$1.00; 2 qt. size, \$1.50.

**Pure Sulphur Fumigating Candles**—Easy to light, easy to extinguish, safe to use and produce a vapor deadly to infectious diseases, disease germs and insect life. Complete with water pan, 15c; by mail, 25c.

We handle a complete line of Poultry Supplies of the best quality. Prices subject to important market changes. Transportation charges to be paid by purchaser except where marked postpaid.

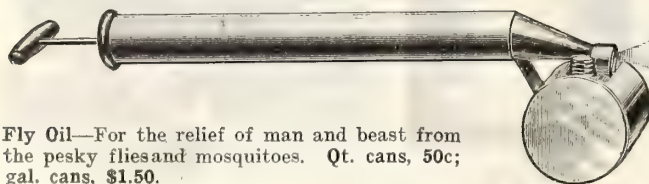
**The "Lightning Sprayer" No. 21**—Operated by compressed air. No labor required to operate it. Simply fill tank two-thirds full of liquid, pump in a few strokes of air with pump attached to tank and all labor is done. Machine is furnished with 3 feet of hose, and automatic brass nozzle, which is held in one hand and operated by pressing the thumb a trifle, letting out an instantaneous spray. The operator has spray under complete control at all times. Excellent for spraying whitewash. Each, \$4.50.

**Wire Hens' Nest**—These nests are strongly made from heavy wire, and will last a lifetime. There is no room on them for lice to find lodging place, and they are easily kept clean. Each, 25c; 6 for \$1.25.

**The Tennant Atomizer, With Mixer**—The newest and best device for spraying on the market. Every stroke of the handle thoroughly agitates the contents. No other sprayer does this. Tin, 75c each; brass, \$1.00 each.

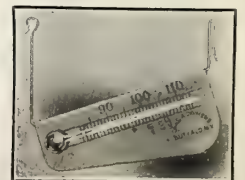
**Faultless Sprayer**—Especially adapted for spraying into the cracks and crevices of your poultry house, or for spraying bushes, plants, shrubbery, potato vines, etc. Every poultry raiser or farmer needs one. Each, 50c.

**Black Hawk Grinding Mill**—A most useful and substantial grinding machine for poultrymen, as well as for farm and family use. By the use of this machine you can always have fresh graham meal, as well as corn meal, for the table. It is easily taken apart for cleaning, and is easily adjusted for fine or coarse grinding. Is adapted for grinding all kinds of grain and seeds, such as wheat, corn, rye, kaffir corn, sunflower seed, etc., but cannot be used for bones or shells. Each, \$3.00.



**Fly Oil**—For the relief of man and beast from the pesky flies and mosquitoes. Qt. cans, 50c; gal. cans, \$1.50.

**Faultless Sprayer.**



**Incubator  
Thermometer.**

# Poultry Powders and Remedies



Prices given here are f. o. b. Memphis. If to be sent by mail send extra money for postage:

### MISCELLANEOUS POULTRY FOODS, ETC.

- Dr. Hess' Poultry Panacea—Pkg., 25c and 50c.
- Dr. Hess' Stock Powder—Pkg., 25c and 50c.
- Dr. Hess' Instant Lice Powder—Pkg., 25c.
- Dr. Heller's Poultry Tonic—Pkg., 20c.
- Lambert's Death to Lice—Pkg., 10c, 25c, 50c and \$1.00.
- Cattle Content, Keep Off Flies—Qt. can, 50c; gal., \$1.00.
- Fly Oil, Keep Off Flies—Qt. can., 50c; gal., \$1.50.
- Nitroline Remedy—Pt. bottle, 50c.
- Head Lice Ointment for Baby Chicks—Pkg., 10c and 25c.



### RUST'S POULTRY POWDERS.

These are fine; always give results.

- Rust's Egg Producer—25c, 50c, and \$1.00 sizes.
- Rust's Climax Condition Powders—25c, 50c and \$1.00 sizes.
- Rust's Lice Powder—Pkg., 25c.
- Rust's Lice Killing Paint—Qt., 35c.
- Rust's Lice Killing Paint—2 qts., 60c.
- Rust's Rusoline Disinfectant—Qt., 35c.
- Rust's Roup Powder; very fine—Pkg., 25c.
- Rust's Haven Roup Pills—Two sizes: 25c and \$1.00.

### LEE'S POULTRY FOODS AND REMEDIES.

- Lee's Egg Maker—Pkg., 25c.
- Lee's Lice Killer Powder—Pkg., 25c.
- Lee's Lice Paint Liquids—Qt., 35c.
- Lee's Lice Paint Liquids—2 qts., 60c.
- Lee's Lice Paint Liquids—Gal., \$1.00.
- Lee's Best Conditioner for Stock—Pkg., 25c.
- Lee's Germozone—Liquid bottle, 50c.
- Lee's Germozone Tablets—Pkg., 50c.
- Lee's Hog Remedy—25 lb. pails, \$2.00.

### CONKEY'S POULTRY MEDICINES AND FOODS.

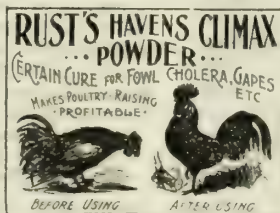
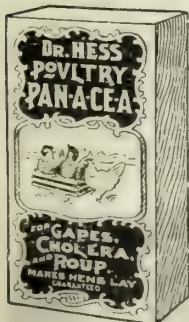
- Conkey's Laying Tonic—Pkg., 25c.
- Conkey's Poultry Lice Powder—Pkg., 25c.
- Conkey's Head Lice Ointment—Pkg., 15c and 25c.
- Conkey's Lice Killing Paint—Qt. cans, 35c.
- Conkey's Roup Cure—Pkg., 25c and 50c.
- Conkey's Cholera Cure—Pkg., 25c and 50c.
- Conkey's Scaly Leg Remedy—Pkg., 50c.
- Conkey's Limber Neck Remedy—Pkg., 50c.
- Conkey's Chicken Pox Remedy—Pkg., 50c.
- Conkey's Gape Cure—Pkg., 50c.
- Conkey's Mange Cure for Dogs—Pkg., 50c.
- Conkey's Distemper Cure for Dogs—Pkg., 50c.
- Conkey's Noxicide Disinfectant—Pt., 35c.
- Conkey's Noxicide Disinfectant—Qt., 50c.

### PRATT'S POULTRY FOOD AND REMEDIES.

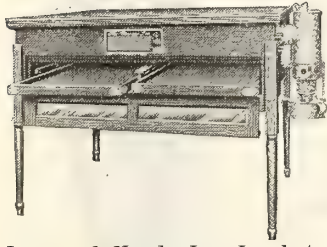
- Pratt's Poultry Regulator—Small pkg., 25c.
- Pratt's Poultry Regulator—Large pkg., 50c.
- Pratt's Poultry Regulator—12 lb. sacks, \$1.25.
- Pratt's Animal Regulator—Small pkg., 25c.
- Pratt's Animal Regulator—Large pkg., 50c.
- Pratt's Animal Regulator—Small pail, \$2.00.
- Pratt's Animal Regulator—Large pail, \$3.50.
- Pratt's Horse and Cow Food—7 lb. bags, 50c.
- Pratt's Horse and Cow Food—12 lb. bags, 75c.
- Pratt's Horse and Cow Food—25 lb. bags, \$1.50.
- Pratt's Lice Powder for Poultry—Pkg., 25c.
- Pratt's Worm Powder for Horses—Pkg., 50c.
- Pratt's Heave Cure for Horses—Pkg., 50c.
- Pratt's Cholera Cure for Poultry—Pkg., 50c.
- Pratt's Dog Biscuit—Doz., 50c.

### INTERNATIONAL POULTRY AND STOCK PREPARATIONS.

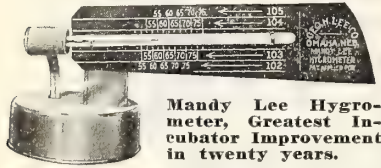
- International Poultry Food—Small size, 25c.
- International Poultry Food—Large size, 50c.
- International Louse Powder—Pkg., 25c.
- International Lice Paint—Qt., 35c.
- International Lice Paint—2 qts., 75c.
- International Cholera Cure—Pkg., 25c.
- International Bowel Trouble Remedy—Pkg., 50c.
- International Colic Cure—2 sizes: 50c and \$1.00.
- International Heave Cure—Pkg., 50c.
- International Worm Powder—Pkg., 50c.
- International Honey Tar Foot Remedy—Can, 50c.
- International Gall Cure—Pkg., 25c.
- International Healing Oil—Bottle, 25c and 50c.
- International Distemper Cure—Pkg., 50c.
- International Stock Food—Pkg., 25c and 50c.
- International Stock Food—25c; pails, each, \$3.00.



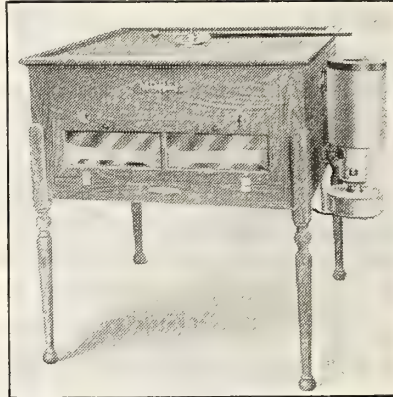
# Incubators, Brooders and Hoovers



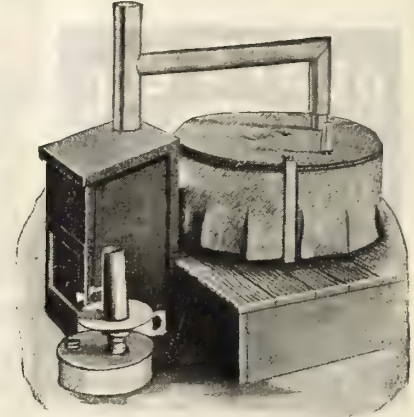
Improved Mandy Lee Incubator.



Mandy Lee Hygrometer, Greatest Incubator Improvement in twenty years.



Cyphers' Model Incubator.



Prairie State Universal Hoover.

We handle the following reliable makes: Chas. A. Cyphers Model, Mandy Lee and Prairie State, and can unhesitatingly recommend them to our trade. We have a large stock and can fill orders promptly, but if you are thinking of buying an incubator or brooder order at once; have it on hand and be ready to start early. Prices quoted are all f. o. b. Memphis.

Chas. A. Cyphers' Model Incubators—Are without a peer. New 1909 patterns with many improvements.

Price List of "Model" Incubators:

No. 0, 80-egg	.....	\$16.00
No. 1, 150-egg	.....	22.00
No. 2, 250-egg	.....	31.00
No. 3, 360-egg	.....	37.00
No. 4, 412-egg	.....	43.00

Chas. A. Cyphers' Model Brooders, Double Indoor—Have been enlarged and greatly improved. Are shipped knocked down. \$15.00; Model Single Indoor Brooder, \$10.00.

Model Colony Outdoor Brooders—Chas. A. Cyphers Co. have their own patents in this Brooder. The most practical and simple; easily operate. Each, \$15.00. Write us for the Model Incubator complete catalogue. We mail it free.

Prairie State Incubators and Brooders—A reliable, well-known, standard machine. Guaranteed to give best of satisfaction. Price as follows:

No. 0—100 Egg Prairie State	.....	\$18.00
No. 1—150 Egg Prairie State	.....	22.50
No. 2—240 Egg Prairie State	.....	32.00
Prairie State Combination Colony Brooders in 3 sizes, price	.....	\$12.00, \$16.00 and 18.00
Prairie State Universal Hoovers, price	.....	7.00
With Heat Regulator	.....	8.00

Prairie State Junior No. 2 Incubator—A cheaper grade incubator, but still of high quality. Price: 115 egg machine, \$15.00. Send for complete catalogue Prairie State machines.

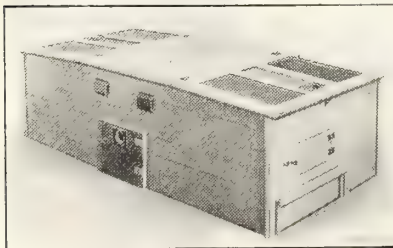
THE IMPROVED MANDY LEE INCUBATORS.

No more guess work in artificial incubation. The Mandy Lee machines have solved the problem of moisture; the new machines this year will have their improved Hygrometer; regulates the moisture as well as heat. Mandy Lee Incubators and Brooders are a demonstrated success in the South. In addition to the numerous commendatory letters, we have received from poultry raisers who have used these machines in this section of the country, we have personally tested them in competition with the best known makes of incubators and brooders used here, and as a result unhesitatingly recommend them to our trade as the premier hatching and brooding machines in the country today, peculiarly adapted to success in this locality, and fully up to the Lee standard of excellence in every respect. Send for a complete catalogue of these splendid Incubators. Price: 100 Egg Mandy Lee Incubators, \$15.00; 250; \$20.00.

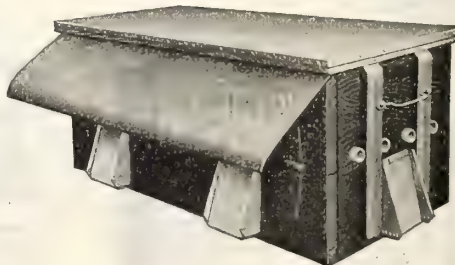
Mandy Lee Fireless Brooders—No lamp heat, no gas, no danger, raises chicks sure; no failure with the new fireless brooder, which is one of the greatest improvements that has been made in years. Price: 100 chick Brooder, \$5.00; 200, \$8.00. Send for catalogue giving full description of the new Fireless Brooders.

The "Mandy Lee" Hygrometer was made for use in the "Mandy Lee" Incubator, but is adapted for use (with proper directions) in any incubator and in any locality. There is just as much danger of getting too much moisture in your incubator as there is in getting too little; just as much necessity for knowing when and how to extract moisture as there is in knowing when and how to supply it. The only Hygrometer (or moisture gauge) that can be used successfully in an incubator. Each, \$2.50.

Metal Mothers—Hatcher and Brooder. A complete fireproof hatching and brooding plant for \$7.50. Two quarts of oil will hatch and brood the chicks. Incubator holds 50 eggs. Price complete, Incubator and Brooder, \$7.50. Write for circulars. Hatcher alone, \$5.00; Brooder alone, \$2.50.



Cyphers' Model Double Indoor Brooder.



Mandy Lee Fireless Brooder.



Metal Mother Hatcher and Brooder.

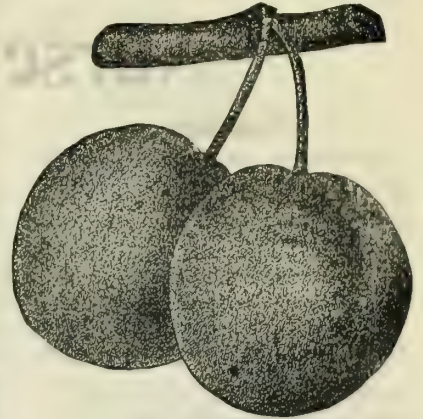
# Nursery Stock

## Fruit Trees, Grapes, Berries, Etc.

Especial attention is called to the very superior quality of the Nursery Stock we supply. It is first-class in every respect, smooth, straight, handsome. We list only varieties such as are suitable to the southern states and this section.

**Extra Discount**—Notwithstanding the low prices we have put on all Fruit Trees, we make the following liberal offer when cash accompanies the order:

On orders amounting to \$2.50 or over, at catalogue prices only, the purchaser may select free one tree valued at 25c.



**Burbank Plum.**

On orders amounting to \$5.00 or over, at catalogue prices only, the purchaser may select free trees or plants to the value of 75c.

On orders amounting to \$10.00 or over, at catalogue prices only, the purchaser may select free trees or plants to value of \$2.00.

Bear in mind, this discount does not apply to any of the tree or plant collections, nor to our prepay offer; only on trees and plants in this department at regular prices, and you must select your discount from this department when you order nursery stock.

Terms are strictly cash. We do not send out trees or plants C. O. D. under any conditions. We guarantee our stock to be just as represented, and if otherwise, we will cheerfully refund your money. At prices given, all trees and plants must go by express at purchaser's expense. We do not mail any nursery stock.

**Notice**—Our prepay offer mentioned below applies only to net catalogue prices, not on the price where the discount or premiums are taken advantage of. If you wish the premiums stated, then we do not prepay the shipment. They will be sent, and you must pay express charges. You can have, free, either the premium or express charges. Our prepay offer does not include any field seeds, grain, fertilizers or poultry supplies, nor does it apply to any special offers in this list.

All trees, plants and vines that comprise nursery stock will be forwarded to purchaser as soon as the weather conditions will permit them to be planted in your section, but must be sent separate from seed orders.



**Keiffer Pear in Bearing.**

**Planting**—Fill up the hole with surface soil, so that the tree will stand about as it did in the nursery after the earth is settled. Work the soil thoroughly among the roots, and, when well covered, tramp firmly. Set the tree firm as a post, but leave the surface filling (or poorer soil) light or loose. No staking will be required, except for very tall trees.

**Spraying**—We cannot be too emphatic in impressing on the horticulturist to spray his fruit trees and grape-vines if he desires good fruit. Follow directions carefully. Experiments frequently result disastrously. Careless spraying will result in loss of fruit, and sometimes the trees. Every fruit grower should purchase a spraying apparatus; they can now be had for a small sum. Be careful in keeping your solution continually stirred. The best time for spraying is late in the afternoon or during cloudy weather, except with kerosene emulsion; this should be used on bright, sunshiny days. (Write us for prices; we can save you money.)

## Pears

Fine stock. Trees smooth and handsome. Standard 2-year-old 5 to 7 feet, 40c each, \$3.50 per dozen. When less than one dozen trees are ordered, single prices apply.

**LeConte**—Large, of fair quality, ripens in August.

**Bartlett**—Fine yellow, faint blush, juicy, ripens in August.

**Clapp's Favorite**—A fine pear, fruit resembles Bartlett, ripens in August.

**Duchess D'Angouleme**—Very large, greenish, melting and juicy, ripens in October.

**Flemish Beauty**—Large, sweet, ripens in August.

**Garber**—Larger than Keiffer, beautiful yellow.

**Koonce**—Of large size and of good form and color.

**Keiffer**—Golden yellow, tinged with red on one side; flesh firm, juicy and of an agreeable flavor; remarkably free from blight; ripens in September.

**Planting and Culture**—Plow and pulverize thoroughly to a depth of 12 to 18 inches. When planting on grass plots, remove the sod for a diameter of 4 or 5 feet, and keep the space well worked and free from weeds. Dig the hole deep and larger than is necessary to admit all the roots in their natural position, keeping the surface and subsoil separate. Cut off broken and bruised roots and shorten the tops to half a dozen good buds, except for fall planting, when it is better to defer top-pruning until the following spring.

**Express Prepaid on \$10.00 Orders.** We pay express charges within a distance of 200 miles from Memphis on all orders for fruit trees at catalogue prices listed in this department, when order amounts to \$10.00 or over. Make your order at least \$10.00, and we will deliver, prepaid, to your express office, if within 200 miles of this city.

## THREE-YEAR EXTRA LARGE PEAR TREES.

These are extra fine strong, heavy trees, 3 years old; will transplant well. Are the well-known Keiffers. Price, \$1.00 each; 12 for \$10.00.

## Plums

Select 2-year-old trees, 5 to 7 feet; each, 40c; per doz., \$3.50.

**Abundance**—Large, sweet, juicy, very early, bright red.

**Wild Goose**—Very large and fine; ripens in June and July.

**Red June**—Purplish red; flesh yellow, solid, juicy; very prolific.

**Burbank**—Large; clear, cherry red; very sweet.

**Damson**—Bluish purple; fine for cooking; ripens in August.

**Wickson**—The fruit is of medium size; purple red; ripening in June, and is firm, sweet and juicy. The tree is hardy and productive.

# Nursery Stock

## Fruit Trees, Grapes, Cherries, Etc.

### Peaches

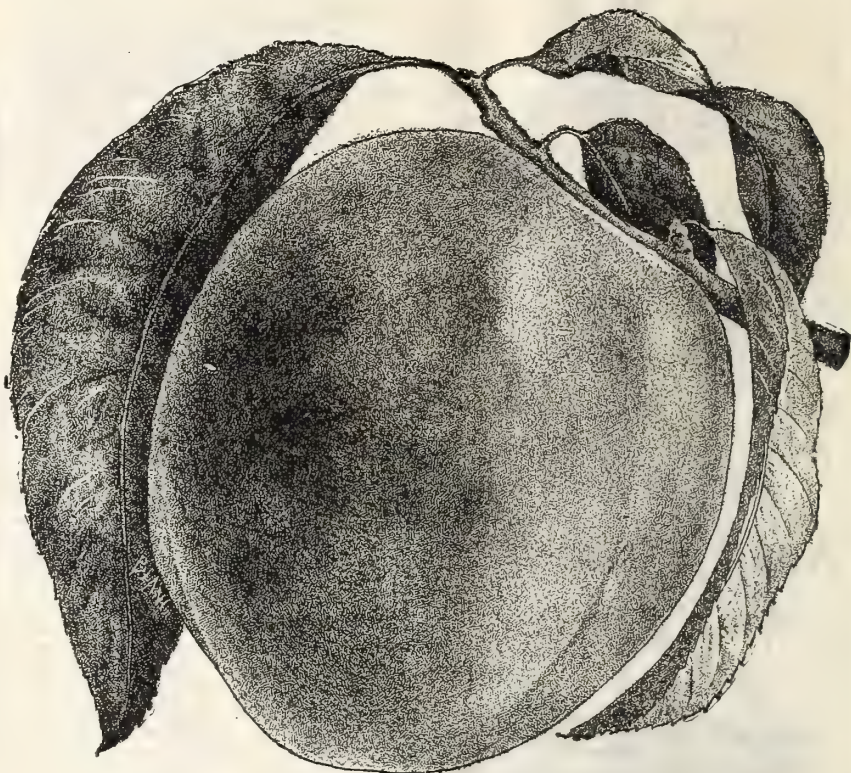
Two-year-old stock. Trees 4 to 6 feet; true to name. Price: Each, 25c; doz., \$2.00; 100, \$12.00. When less than one dozen trees are ordered, single rates apply.

#### FREESTONES.

- Admiral Dewey**—Orange yellow; crimson cheek; ripens June 15th.  
**Alexander**—Flesh white; ripens June 15th.  
**Amelia**—Large white; ripens July.  
**Belle of Georgia**—Very large, white; ripens July 20th.  
**Champion**—Immense size; creamy white, red cheek; ripens August.  
**Crawford's Early**—One of the very best peaches; yellow, juicy; ripens August.  
**Crawford's Late**—Finest quality; ripens August 20th.  
**Early Rivers**—White, pink cheek; ripens July.  
**Ensley**—Crimson yellow; ripens August 15th.  
**Early Tillotson**—White covered, red cheek; ripens July 25th.  
**Elberta**—One of the very best; flesh yellow, juicy and sweet; ripens August 1.  
**Greensboro**—An early variety; large, white, juicy and good quality; half freestone; ripens June 15th.  
**Globe**—Fine yellow; ripens October.  
**Heath Free**—Resembles Heath Cling in size and color; very tender, juicy and melting; ripens September.  
**Hill's Chili**—Hardy, yellow; ripens September.  
**Matthews' Beauty**—A large yellow Peach; very showy and a good keeper; ripens in August.  
**Mountain Rose**—White, splashed carmine; ripens July 1st.  
**Old Mixon Free**—Yellowish white; ripens August 15th.  
**Piquet's Late**—Flesh yellow, sweet; ripens in September.  
**Stump the World**—Large, white, fine; ripens August 15th.  
**Susquehanna**—Fine canner; ripens July 30th.  
**Triumph**—Yellow; ripens June 1st to 15th.  
**Wonderful**—Handsome, productive; ripens October 10th.  
**Yellow St. John**—Golden yellow; ripens June 20th.

#### CLINGSTONES.

- Chinese Cling**—Creamy white; ripens July 15th.  
**Fitzhugh Lee**—Large, creamy white, with crimson blush; ripens July.  
**Heath Cling**—Pale yellow; fine; ripens September.  
**Henrietta**—Large, fine quality; ripens September.  
**Indian Blood**—Large, dark crimson; ripens August.  
**Lemon Cling**—Deep yellow; ripens end of July.  
**Levy's Late**—A fine, large, late variety; ripens October.  
**Morris October**—One of the best; ripens October 1st.  
**Nix Late**—A large, late Clingstone from Georgia.  
**Old Mixon Cling**—Yellowish white; ripens August.  
**Sneed, or Peeble's**—Creamy white; half Cling; ripens June 5th.  
**Stonewall Jackson**—Very fine; ripens July 15th.  
**White English Cling**—Very large; creamy white, with blush on sunny side; flesh very juicy; ripens August.  
**Everbearing**—Of Indian type; flesh white, streaked with red.



Matthews' Beauty Peach.

#### NEW PEACHES.

Each 50c; 6 for \$2.00; 12 for \$3.50.

- Carmen**—Freestone; ripens in June; large.  
**Eleanor Semmes**—Freestone; deep yellow; ripens August.  
**Coleman's Choice**—Freestone; fine quality; large yellow; ripens end July.  
**Berénice**—Freestone; very juicy; large yellow Peach.  
**Slappy**—Freestone; ripens end of July; golden yellow and large.  
**Eureka**—Clingstone; creamy white; fine quality; ripens in August.  
**Victor**—Clingstone; very early; ripens June 1st; good size and quality.

#### CHERRIES.

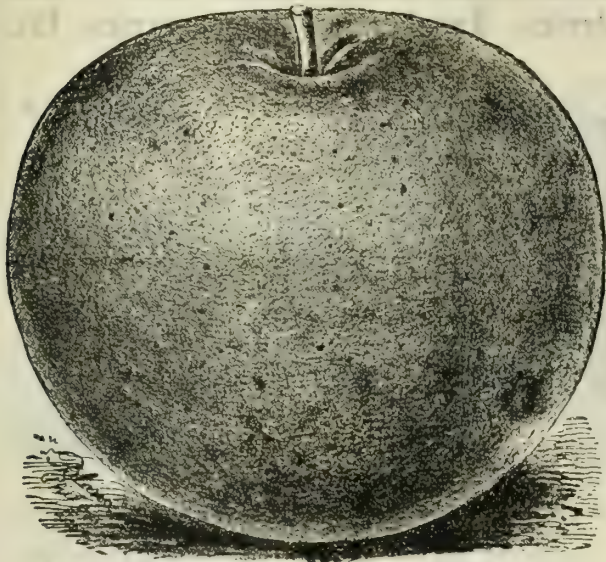
- Strong 2-year-old trees.** Each, 40c; doz., \$3.50.  
**Black Tartarian**—Black, juicy; ripens last of June.  
**Early Richmond**—Fine; very early; ripens in May.  
**Governor Wood**—Very large; ripens last of May.  
**Late Duke**—Light red; ripens last of June.  
**May Duke**—Large; dark red; ripens in May.  
**Wright's Early**—A native variety; ripens early.  
**Wright's Mammoth**—Vigorous grower; fruit large.  
**Yellow Spanish**—Very large; yellowish white, tinted rose; juicy, rich, sweet; very popular. Midseason.

#### QUINCES.

- Strong 2-year-old trees.** Each, 40c; doz., \$3.50.  
**Champion**—Large; very showy and handsome; tender and rich in flavor.  
**Orange**—Large; round; golden yellow; very fine.  
**Rea's Mammoth**—An improvement upon the Orange; much larger.

## GARDENING

Conducted by Practical Gardeners. Issued Twice a Month. Price, \$2 Per Year.  
 THE BEST PAPER FOR AMATEUR AND PROFESSIONAL GARDENERS. SEND SUBSCRIPTIONS TO US WITH YOUR ORDER.



Arkansas Black Apple.

## Apples

Price, 25c each; \$2.00 per dozen; \$15.00 per 100. These are 2-year-old, nice size trees, with good roots.

### WINTER VARIETIES.

- Arkansas Beauty—Large, bright red; succeeds well.  
 Arkansas Black—Large; dark crimson; flesh yellow.  
 Ben Davis—Large, greenish yellow, striped with red.  
 Black Twig—Resembles the Wine Sap, except that it is from one-third to one-half larger.  
 Carter's Blue—Very large; green, crisp, sugary, rich.  
 Grimes' Golden—Golden yellow; crisp, tender, juicy.  
 Hall—Light yellow, covered with bright red.  
 Hayden's Favorite—A native apple; hardy tree; sure bearer.  
 Jonathan—Largest size; rich color; handsome variety.  
 Kentucky Streak—Large, handsome; flesh white.  
 Kinnard's Choice—Medium to large; flesh crisp, tender, high-flavored; celebrated Tennessee winter apple.  
 Red Limber Twig—Greenish yellow, faint crimson stripes.  
 Shockley—Waxen yellow, with crimson cheek.  
 Tull—A fine winter apple; fruit large, green, with red stripes.  
 Twenty Ounce—Heavy, solid apple; fine flavor.  
 Wine Sap—Rich, dark red; flesh fine, creamy yellow.

### FALL VARIETIES.

- Bachelor—Large; agreeable flavor; ripens in November.  
 Bell Flower—Oblong; fine, rich yellow; juicy, acid.  
 Fall Pippin—Large; yellow; ripens in September.  
 Fall Strawberry—Striped, juicy and excellent.  
 Gloria Mundi—One of the largest apples; ripens in September.  
 Maiden's Blush—Large, pale yellow; ripens in September.  
 Rome Beauty—Large, red; white flesh.  
 Yates' Mammoth—Large, richly striped; ripens November.

### SUMMER VARIETIES.

- Dr. Sherman—Red, slightly striped; ripens in June.  
 Duchess of Oldenberg—Fine, yellow, striped red; ripens July.  
 Early Colton—Yellowish white; ripens in July.  
 Early Harvest—Fine yellow; ripens in June.  
 Family—Yellowish, splashed with crimson; ripens in July.  
 Horse—Large, yellow; fine for cooking; ripens in August.  
 Madison Sweet—Large, golden yellow; sweet and juicy.  
 May Pippin—Greenish yellow; ripens in May and June.  
 Red Astrachan—Greenish, covered crimson; ripens in June.  
 Red June—Dark crimson; fine grain; moderately juicy.  
 Summer Queen—Flesh yellow; firm, rich; ripens in July.  
 Yellow Transparent—Large, beautiful, clear, yellow; juicy.

### EXTRA HEAVY APPLE AND PEACH TREES.

Three-year-old, nice, large and smooth specimens. Leave varieties to us and we will send you something extra nice. These are especially selected 3-year-olds. Price: Each, 50c; doz., \$5.00. Packed f. o. b. Memphis.

### CRAB APPLES.

Each 25c; per doz., \$2.40.

- |                |                        |
|----------------|------------------------|
| Golden Beauty. | Transcendant.          |
| Hyslop Crab.   | Red Siberian.          |
| Martha Crab.   | Whitney's No. 20 Crab. |
| Red Crab.      | Yellow Siberian.       |

## Grapes

Two-year-old strong vines; each, 25c; doz., \$2.00.

- Campbell's Early—Large, compact berry and bunches.  
 Early Ohio—The earliest black grape; bunches large.  
 Delaware—Bunches small and compact; light red.  
 Lutie—Very early; large red berry; free from rot.  
 Brighton—Large; coppery red; sweet; best quality; June.  
 Concord—Large; black; juicy; sweet when fully ripe; July.  
 Worden—Of the Concord type; larger in bunch and berry.  
 Moore's Early—Large, black; earlier than Concord; fine.  
 Niagara—Bunches and berries large; sweet; greenish white.  
 Scuppernong Grape—Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color when fully ripe; vine is free from all disease and attacks of insects. It is wonderfully prolific. Each, 50c; per doz., \$3.50.

A certificate of inspection from the State Inspector of Nurseries, showing our stock to be free from San Jose Scale and other injurious insects and diseases, will accompany each shipment.



Early Ohio Grape.

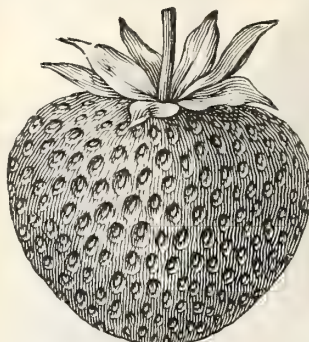
### SPECIAL PRICE ON APPLE TREES.

Selection must be left to us. Will send you good varieties suited to your locality  
 Price: 100, \$10.00; 25 for \$3.00. F. O. B. Memphis.

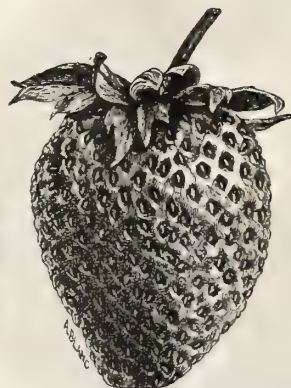
## Strawberries, Dewberries, Raspberries, Gooseberries, Etc.



Klondyke Strawberry.



Excelsior Strawberry.



Aroma Strawberry.



Lucretia Dewberry.

### STRAWBERRIES.

Plant in March, April or May, on good ground, deeply worked and well manured. Set in rows  $3\frac{1}{2}$  feet apart, 15 inches in rows, for field culture; 15 inches each way for garden. Cultivate clean; mulch late in fall and uncover early in spring.

The varieties marked S are for staminate or perfect blooming; those marked P, which are pistillate, are destitute of pollen, and require to be planted near some perfect blooming sort.

**Klondyke**—(S) Ripens about the same as Lady Thompson; fully as large in size, but is a much brighter red color and very showy. Very firm and an excellent shipper. Per 50, 50c; per 100, 75c; per 1,000, \$3.50.

**Excelsior**—(S) New, very large and extra early, bright scarlet. Per 100, 75c; per 1,000, \$3.50.

**Gandy**—(S) A late variety; good for late market. Per 100, 50c; per 1,000, \$3.00.

**Senator Dunlap**—(S) A medium-sized variety; very hardy, productive and vigorous grower; remains in bearing until quite late. It is unsurpassed in quality. Claimed to be the best all-round variety yet introduced. Per 25, 50c; per 50, 75c; per 100, \$1.00; per 1,000, \$5.00.

**Brandywine**—(S) Always large, smooth and firm; productive. Per 100, 75c; per 1,000, \$3.50.

**Lady Thompson**—(S) A fine large berry; extremely hardy. Per 100, 60c; per 1,000, \$3.00.

**Mitchell's Early**—(S) Ripens very early and regular. Per 100, 60c; per 1,000, \$3.00.

**Aroma**—(S) Very large; late; succeeds on thin soil better than Gandy; has a fine aromatic flavor. Per 50, 75c; per 100, \$1.00; per 1,000, \$6.00.

**Bubach**—(P) One of the largest, very dark crimson fruit. A superb variety. Per 100, 60c; per 1,000, \$3.50.

**Lovetts Early**—(S) Beautiful carmine red fruit, one of the hardiest and earliest. Per 100, \$1.00; per 1,000, \$4.50.

### DEWBERRIES.

**Austin's Improved**—The berries are much larger than those of any other Dewberry or Blackberry. It requires no trellises or stakes, and can be easily trained into tree form. The fruit is jet black and of superior flavor. Each, 10c; doz., \$1.00; per 25, \$1.50; per 100, \$5.00.

**Lucretia**—As hardy as Snyder; as productive as any; of unequalled excellence; soft, sweet and luscious throughout; of brightest, glossy black color. Each, 10c; doz., \$1.00; per 25, \$1.50; per 100, \$4.50.

### APRICOTS.

Strong 2-year-old trees. Each, 40c; doz., \$3.50.

**Early Golden**—Small, pale orange; juicy and sweet.

**Moorepark**—Medium size; good keeper.

**Russian**—Of best quality; ripens early; very productive.

### CURRENTS.

**Pomona**—Ripens early; of remarkably fine quality. Each, 15c; doz., \$1.50; per 25, \$2.50; per 100, \$6.00.

**Fay's Prolific**—One of the most prolific; of excellent quality. Each, 15c; doz., \$1.50; per 25, \$2.50; per 100, \$6.00.

### RASPBERRIES.

**King**—The best of the early red Raspberries. It has large and attractive bright red fruits of good flavor, ripening with the earliest and firm enough to ship nicely. In hardiness, growth and productiveness all that could be desired. Each, 15c; doz., \$1.00; per 25, \$1.50; per 100, \$8.00.

**Cumberland**—The largest black Raspberry grown; immensely productive; quality fine, ripens very early. Each, 15c; doz., \$1.00; per 25, \$1.50; per 100, \$6.00.

**Kansas**—Early; stands drouth well; the fruit is much larger than that of the Gregg. Jet black; firm texture. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**Turner**—Medium, red, a great bearer; one of the best market sorts; thornless. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**Cuthbert**—Large, deep red and of fine flavor; does well in the south; thornless. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**Gregg**—Very large, black, heavy cropper, fine, ships well. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.



King Raspberry.

**Palmer**—Large jet black, the earliest variety. Wonderfully productive. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**Eureka**—An attractive large black cap, medium early, but heavy bearing. Each, 10c; doz., 75c; per 25, \$1.00; per 100 \$2.50.

### GOOSEBERRIES.

**Industry**—The fruit is large, bright, dark red; a most beautiful and attractive berry. Each, 25c; doz., \$2.00; per 25, \$3.75; per 100; \$12.50.

**Houghton**—Medium size, roundish oval, pale red, sweet and tender. Each, 10c; doz., \$1.50; per 25, \$2.00; per 100, \$10.00.





Eldorado Blackberry.



Hicks' Everbearing Mulberry.



Rudbeckia Golden Glow.

## Blackberries

**Eldorado Blackberry**—This is one of the hardiest, earliest and most productive varieties. The fruit is very large, glossy black and of fine substance and flavor. Each, 15c; doz., \$1.00; per 25, \$1.50; per 100, \$5.00.

**Snyder**—Extremely hardy; sweet and juicy; early. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**Wilson**—Magnificent, large, very early; beautiful berry, of sweet, excellent flavor. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**Early Harvest**—One of the earliest good varieties in cultivation, splendid quality. Each, 10c; doz., 75c; per 25, \$1.00; per 100, \$2.50.

**The Ward**—Of great hardiness; immense in size; sweet, tender and fine flavor. A grand new berry. Each, 20c; doz., \$1.50; 100, \$7.00.

**Logan Raspberry Blackberry**—Fruit large, color dark red; partakes of the flavor of both raspberry and blackberry; mild, pleasant, vinous, excellent for table, jelly, jam, etc., plant perfectly hardy. Each, 15c; doz., \$1.50.

## Hicks' Mulberry

The finest of all the Mulberries, forming a splendid shade tree, shapely and compact; of rapid growth, with large, deep green foliage, rendering it a handsome shade tree. The fruit is very abundant, large, sweet, delicious and refreshing, and borne from July until late in autumn. It is entirely free from the mawkish, clogging sweetness of other Mulberries. It is especially desirable for planting in small grounds, furnishing both fruit and shade. Handsome trees, 5 to 6 feet high. Each, 50c; 3 for \$1.35.

## Fig Bushes

The Fig, besides being one of the most delicious of fruits, is also one of the most wholesome. It is valuable as a laxative and can be safely eaten by those in the most delicate health. It is specially beneficial to dyspeptics. This and the strong point that it continues to ripen for several months—from July to September—and that it continues to bear for generations, should induce everybody who owns a home in the country or in town to plant the Fig. A dozen bushes will supply a good-sized family. Later on when the bushes grow large, Figs can be sold from them by the bushel. As everybody is fond of the fig, they are always salable.

**Brown Turkey**—Medium size; very sweet; prolific and hardy. Each, 40c; doz., \$3.50.

**Celestial**—Very large; violet; good and productive. Each, 40c; doz., \$3.50.

## JAPANESE PERSIMMONS.

We have the best variety of this excellent fruit, which succeeds in this section. Each, 50c; per doz., \$5.00.

## Vines and Shrubs

### SHRUBS.

Two-year-old plants, each, 50c; large sizes, 75c to \$1.00; any variety.

**Snowball**—Produces large globular clusters of white flowers in April. An old favorite.

**Crape Myrtle**—This old favorite is not sufficiently appreciated. The plant blooms throughout the entire summer, producing great masses of beautifully fringed flowers. A clump of these makes a most striking effect on the lawn. New crimson (vivid crimson) flower-heads of immense size.

**Lilac**—These are among our most valuable early spring-blooming shrubs. Commence blooming last of March.

**Rudebeckia ("Golden Glow")**—This new hardy plant is very ornamental, growing 5 to 6 feet high, with bright yellow double flowers. The flowers are shown in the photograph reproduced here. They have long stems, and are not only handsome on the plant, but also make beautiful cut flowers. The plants grow very rapidly and bloom early in the summer and continue in bloom until killed by frost. The plants are covered with bright yellow flowers and present a magnificent sight. They are perfectly hardy and bloom more profusely each year. This is undoubtedly one of the finest and most desirable hardy flowers grown. The plants should be watered in dry weather.

**Calycanthus Floridus (Carolina Allspice)**—Also known as Sweet-scented Shrub and Strawberry Shrub. Valuable and very desirable for its fragrance and general good habit. It forms a large shrub of spreading growth and succeeds everywhere.

### HARDY VINES.

Large plants, each, 35c; heavy, extra strong plants, each, 50c.

**American Blue Wistaria**—A very strong grower, producing in great abundance clusters of pale blue flowers.

**Chinese White Wistaria**—A superb variety, with large and lighter green foliage than the blue.

**Honeysuckle**—Among the most desirable hardy climbers.

**Ampelopsis (Ivy) Virginia Creeper**—The growth of this variety is more rapid than *A. quinquefolia* Virginia Creeper, and it is more pleasing in effect. 35c and 50c. each.

## Nut Trees

Each, 50c; doz., \$5.00.

**Japan Walnuts**—Three-year-old trees produce nuts. Wonderfully productive. Nuts produced in clusters. Shell thicker than that of the English walnut, but not as thick as that of the black walnut. Meat is sweet and of the best quality.

**Almond (Soft Shell)**—Standard, popular, succeeds well here.

**Chestnut (Spanish Sweet)**—Large, productive.

**Pecan (Paper Shell Louisiana)**—Large, nutmeg shape, thin shell.

**Walnut (Black)**—Native variety, nice trees, 3 to 4 feet, the best size for transplanting.

**Walnut (English)**—Most desirable, thin shelled.

## Hedge Plants

**California Privet**—A quick, strong-growing shrub, yet easy to control, by use of shears or knife, to any desired shape. Fine for hedges between city lots, on large rural grounds, parks, cemeteries, in single clumps or with other shrubs; also as screens to outbuildings, fences, etc. Very hardy; easy to grow on all soils. 10 to 15 inches high, 25 for \$2.00; 100 for \$6.00; 18 to 24 inches high, and bushy, 25 for \$3.00; 100 for \$10.00.

**Amoor River Privet**—Foliage finer than the California; rapid compact grower; makes a desirable hedge. 10 to 15 inches high, 25 for \$2.00; 100 for \$6.00; 18 to 24 inches high, and bushy, 25 for \$3.00; 100 for \$10.00.

**Japan Quince, or Fire Bush**—This is a very desirable hedge plant where a blooming hedge is desired. Each, 35c; per 100, \$15.00.

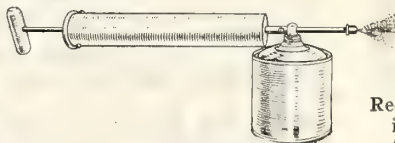


The Auto Fruit Tree Sprayer.

## The Auto Fruit Tree Sprayer

A self-operating sprayer, invaluable to the market gardener and fruit culturist. With ordinary usage will last for years. Weighs but 7 pounds, and has a capacity of 4 gallons. In a half a minute the air chamber can be made to compress sufficient air to discharge the entire contents. It will make a continuous spray 10 minutes before emptied. The hose is a 4-ply extra stout, with a nozzle made to regulate the flow from a fine cloud-like spray to a solid stream; thus it may also be used in washing windows, carriages and various other uses. Extension pipes for attaching to the hose for elevating the spray or stream may be had at an additional cost of 35 cents per length of 2 feet. Two to three lengths are generally required for trees, vines, etc.

Price of sprayer, with galvanized iron reservoir, \$5.00; with auto pop nozzle, \$6.00.



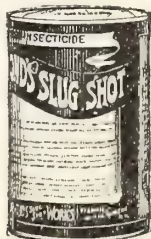
Red Star Atomizer.

## Nectarines

Strong 2-year-old trees. Each, 35c; doz., \$3.00.  
Stanwick—Small to medium; rich and juicy.



Carolina Poplar Tree.



## Hammond's Slug Shot

One of the best vegetable insecticides in use. Specially recommended for destroying cabbage worm and other insects that prey on vegetation. Not dangerous to handle, like Paris green, etc. Non-poisonous to human life. By mail, 1 lb. 30c; by express, 1-lb. carton 15c, 5-lb. pkg. 35c, per 100 lbs. \$5.00.

## Shade Trees

5 to 6 feet high, 75c; 8 to 10 feet high, heavy, \$1.00 to \$1.50. These are all nursery grown; smooth, straight specimens, and will be sure to grow.

**American Linden**—Rapid grower; luxuriant foliage.

**Carolina Poplar**—A vigorous, healthy native tree of rapid growth; pyramidal in form; makes a fine, spreading head if well cut back the first few seasons; succeeds everywhere.

**Catalpa Speciosa**—Large, heart-shaped leaves; ornamental.

**Lombardy Poplars**—Very tall, slender tree. Leaves a dark green, smaller than Carolina Poplars, but a brighter shade of green and more desirable where a tall tree is required.

**Silver-Leafed Maple**—Tree of rapid growth; is in great demand for planting on streets or in parks.

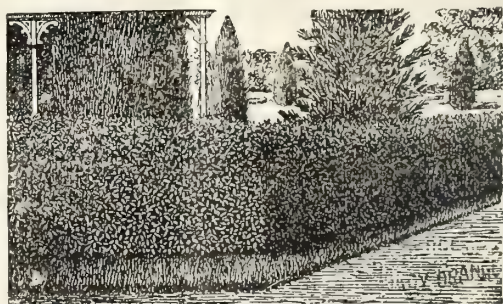
**Sugar, or Rock Maple**—Very hardy; pyramidal shape.

**Texas Umbrella Tree (Umbrella China)**—A sub-variety of the China Tree. It assumes a dense spreading head, resembling a gigantic umbrella; it is of unique appearance, and a most desirable shade tree of rapid growth. Each, 75c, \$1.00 and \$3.00.

**Water Oak Tree**—One of the grandest of our native trees, of tall pyramidal spreading habit, dark green glossy fine cut leaves; its foliage is very dense and the most beautiful of any and every way desirable; tree is vigorous and healthy. Small trees, 50c each; larger size, \$1.00 each.

**Magnolia**—This is the grandest of all our native broad-leaved evergreen trees. It is a native of the middle sections of the southern states, and succeeds best in a rich soil. Nothing more conspicuous can be seen among evergreens when its large white flowers are fully expanded. Each, \$1.00, \$1.50 and \$2.00.

**Extra Size Carolina Poplars**—We have a few extra size, large Carolina Poplars. This variety transplants easily. No matter how large the tree is, they are pretty sure to grow if planted properly. Each, \$3.00.



Hedge of California Privet.

**Red Star Atomizer**—Something new, a compressed air atomizer, nothing like it has ever been seen on the market; easier to operate, and much superior to the ordinary kinds of sprayers; just the thing for applying insecticides and all sorts of germicides. It is a decided improvement on the old makes. 1 qt. size, each, \$1.00; 2 qt. size, each, \$1.50; by express only.



Umbrella China Tree.

# Greenhouse Plants—Fine Roses, Geraniums, Etc.

The plants we offer in the following pages include the leading varieties of recent introduction, in addition to the standard desirable sorts, which in our experience succeed best in the South. To parties unacquainted with the different names of plants, etc., we would suggest that they describe about what they wish in color, etc., and we will select the proper kinds.

We fill all orders promptly as soon as weather permits. Send in your orders early while stock is complete. We want your trade and will treat you right. Terms cash with the order.

**Extra Discount**—Notwithstanding the low prices we have put on all when cash accompanies the order, we make the following liberal offer:

### PREMIUMS ON MAIL ORDERS.

- For a remittance of \$1.00, you may select extra Plants valued at .15
- For a remittance of \$2.00, you may select extra Plants valued at .30
- For a remittance of \$3.00, you may select extra Plants valued at .50
- For a remittance of \$5.00, you may select extra Plants valued at \$1.00

### PREMIUMS ON EXPRESS ORDERS.

- For a remittance of \$1.00, you may select extra Plants valued at .25
- For a remittance of \$2.00, you may select extra Plants valued at .50
- For a remittance of \$3.00, you may select extra Plants valued at .75
- For a remittance of \$5.00, you may select extra Plants valued at \$1.25
- For a remittance of \$6.00, you may select extra Plants valued at \$1.50

**Plants By Mail**—We send free by mail all small size plants in this department at prices named. The larger sizes can only go by express.

**Plants By Express**—All who live in towns or near an express office, and who are willing to pay their own express charges on plants, will invariably receive larger plants, packed a little heavier than those sent by mail. We feel sure that all who order in this way will not grudge the extra outlay when they examine the plants so sent.

**No premiums on Collections**—Take notice, when collections of any kind in this department are included, there is no premium on same. Our prices on them are all very low, and we can make no further allowances.

**In ordering**, please note our Premium Offers apply only to the department from which your order is made—i. e., if you order Greenhouse Plants, your premium can only be in that kind of plants; or should you order Nursery Stock, such as Fruit Trees or Strawberry Plants, your premium must be confined to that department.

## Novelties in Geraniums

25c each; 5 for \$1.00; 10 for \$2.00, by mail or express.

### DOUBLE.

- Comtesse Harcourt**—Pure snow white; stands the sun well; very double.
- El Cid**—A charming shade of dark velvety crimson; very satisfactory as a bedder.
- Jean de la Brete**—Rosy carmine shaded to scarlet and vermilion, marbled white in the center, camelia-shaped flowers, free bloomer and very double.
- M. Canovas**—Very dark, velvety scarlet with maroon shading; immense florets, produced in large trusses; very strong grower.
- Madame Landry**—One of the choicest of the Bruant type; very free and constant bloomer. The florets are very large and borne in enormous trusses on large stems. Color brilliant apricot salmon, shading to copper, with white eye.

### SINGLE.

- Abel Lefranc**—Splendid large flower, of perfect form and size; lilac white; lower petals literally covered with carmine dots; very fine bloomer.
- Admiration**—Enormous trusses of beautifully formed flowers; color an exquisite shade of tender salmon; feathered apricot salmon, delicate light shading; strong grower.
- Cannell's Crimson Bedder**—Dark crimson, stands heat and rain; very sturdy and short jointed grower.
- Fener**—Rich, vivid scarlet; fine flower; trusses strong grown.
- Telegraph**—Strong, robust grower; very fine as bedder; mammoth dark green foliage, with heavy chocolate zone; enormous trusses of beautiful deep orange cerise.



New Geranium, Admiration.

## Novelties in Roses

25c each; 6 for \$1.25; 12 for \$2.00, by mail or express.

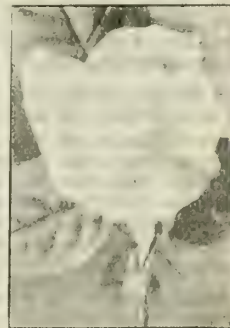
- Etoile de France**—A new one in velvety red Roses and the flowers are held aloft on strong, stiff stems.
- Frau Karl Druschke**—A pure paper-white, large-sized and free flowering Rose. It is a remarkably handsome plant, with bright heavy foliage and strong, upright growth. The bloom is perfect in form, all fine long stems and of the purest possible white.
- Gainesborough**—Its delicate colors are hard to describe, being tinted flesh, almost white, and lustrous as satin. When in full bloom it resembles a large white Peconia.
- Killarney**—Bright carmine, pink petals, extremely large and long; very long bud.
- Kate Moulton**—Color peculiar, two tones of pink; outside of petals very bright; long pointed buds; enormous size for a pure Tea Rose.
- Lady Roberts**—An elegant new hardy Tea Rose; color reddish apricot, passing to deep coppery red, with orange shading; a good grower and bloomer.
- Mrs. R. R. Cant**—Makes splendid buds, and extra large full flowers; bright, clear, rosy pink; perfectly double and full; very sweet; an excellent bedding Rose.
- Madame Jules Graveraux**—New and good; long pointed buds and extra double flowers of chamois yellow with rosy peach center.
- Reine Margaret d'Italie**—Color glossy carmine scarlet, lightened with vermilion; extremely free grower and full bloomer.
- Souv. de Pierre Notting**—Has beautiful foliage and a strong, sturdy habit of growth; the flowers are very large, perfectly full and double, make beautiful long pointed buds; the colors are bright, distinct and clear, rich orange yellow dashed and bordered with soft carmine rose.



New Rose, Killarney.



New Rose, Kate Moulton.



New Rose, Mrs. R. R. Cant.

## Three Grand Roses—Yellow, Red and White

# Marechal Niel

**Red Marechal Niel**—A cross between Jacqueminot and Marechal Niel. Flower very large, well shaped, full; form of buds and flowers like the Yellow Niel; color carmine red, shading to pink; very sweet; most floriferous on last year's branches; growth very strong. Price, each, 20c; large, each, 50c.

**Yellow Marechal Niel**—Our stock of this splendid old favorite was never in better condition or in larger supply, hence we wish to call particular attention to it. It is essentially a magnificent rose for southern cultivation, where it attains a degree of perfection seldom seen in any rose. The buds and flowers are superb; extra large, very double and deliciously scented. Marechal Niel is highly esteemed for general planting in the south, where it makes a splendid showing during the summer months, and for greenhouse or conservatory culture it is by far the most desirable rose we know. Small size, 20c each; large size, 50c each; extra large size, 75c and \$1.

**White Marechal Niel**—Identical with its famous parent, save color. The fame of Marechal Niel, with its large, deep, golden yellow flowers, is so world wide that nothing further need be said of this new variety to make it instantly popular than that it is the exact counterpart in every respect of Marechal Niel, its parent, save color of flower, which is a pale, creamy white; totally distinct. It is a rapid climber and quickly makes a bush of considerable proportions. For southern cultivation it will be of great value, and as a companion plant to Marechal Niel we anticipate a splendid demand for it. Price, each, 20c; large plants, each, 50c.

**Bonanza Collection**—Any one collection, 50c, by mail, postage paid. Merely order by numbers, not labeled:

- No. 1—12 Lantanas, 5 Coleus.
- No. 2—12 Geraniums, assorted colors; single.
- No. 3—12 Geraniums, assorted colors; double.
- No. 4—15 Pansies.
- No. 5—14 Chrysanthemums.
- No. 6—14 Verbenas.
- No. 7—12 Climbing Roses.
- No. 8—12 Bedding Roses.
- No. 9—5 Heliotropes, 2 Carnations, 5 Coleus.
- No. 10—12 California Violets.
- No. 11—18 Flowering Tuberose.
- No. 12—20 Gladiolus.

**Six Surprise Collections**—For 50c we will deliver to your address any one of the following collection, not labeled:

- Surprise Collection No. 1—14 Geraniums, assorted; double.
- Surprise Collection No. 2—14 Geraniums, assorted; single.
- Surprise Collection No. 3—10 Cannas.
- Surprise Collection No. 4—10 Hibiscus.
- Surprise Collection No. 5—8 Dahlias, single.
- Surprise Collection No. 6—8 Dahlias, double.
- Surprise Collection No. 7—3 Water Hyacinths.

**Special Bargains in 2-Year-Old Roses**—For persons who will leave the selection of varieties to us we will make up choice collections, same as if for ourselves, and guarantee to please; all labeled. 12 choice varieties, 1 each, price \$2.25; 25 choice varieties, 1 each, price, \$4.00.



### Special Offer

We will supply the three Marechal Niel Roses in one order for 30 cents.

### OUR GREAT \$1.00 DIXIE COLLECTION.

- No. 1—1 Whitmanii, 1 Tarrytown, 1 Scotti, 1 Boston.
- No. 2—2 Night Blooming Jasmines, 2 Rose Geraniums, 4 Lantanas, 8 Gladiolus, 8 Tuberose.
- No. 3—4 Heliotropes, 6 Assorted Geraniums, 2 Hibiscus, 2 Lemon Verbenas.

### MAILING SIZE BEDDING ROSES.

Nice, well established plants, true to name, and sure to grow if properly handled. Price, each, 10c; 12 for \$1.00; 25 for \$2.00, postage paid.

- American Beauty—Deep pink, very near red.
- Bride—Pure white.
- Bridesmaid—Pink.
- Clothilde Soupert—White, pink center.
- Cornelia Cook—Pure white.
- Duchess of Albany—Soft pink.
- Duchess de Brabant—Light rose, amber salmon.
- Etoile de Lyon—Deep golden yellow, very double.
- Franceska Krueger—Sunset, coppery yellow.
- Golden Gate—Creamy yellow, pink edges.
- Isabella Sprunt—Bright canary yellow.
- La France—Finest pink.
- Louis Philipp—Rich, dark, velvety crimson.
- Lucullus—Dark crimson.
- La Sylphide—Blush, with fawn center.
- Madame Abel-Chatenay—Rosy red with light shadings.
- Maman Cochet—Deep rosy pink.
- Madame Joseph Schwartz—Pure white with yellow and blush.
- Meteor—A grand, rich dark red.
- Marie Guillot—Old stand-by for pure white.
- Marie Van Houtte—Straw yellow, flushed with crimson.
- Papa Gontier—Rich bright red.
- Perle des Jardins—Clear golden yellow.
- Sombreuil—Pure white with pink.
- Souv. de la Malmaison—Creamy flesh, rose center.
- Souv. d'Un Ami—Bright pink.
- Souv. de Wootton—Very best red.
- Sunset—Rich golden amber.
- Sunrise—Yellow and orange red.
- Paul Neyron—Deep pink.
- White Bougere—Pure white.
- White La France—Pure white, shadings of fawn.
- White Maman Cochet—White, the best of all.

**American Beauty Rose**—This Rose has become as famous as the Marechal Niel. It is entirely hardy, and is a valuable Rose for the garden culture. Immense in size, rich color, exquisite form and delicious fragrance; makes magnificent buds and large double flowers; color is a rich rosy crimson, shaded and veined in the most charming fashion.

**Christine de Neve**—A constant and free bloomer. The flowers are large and handsome; buds long; color rich maroon or deep purplish red; center streaked with silvery white.

**Cornelia Cook**—A rapid, strong grower, with splendid foliage. The flowers are in form, size and substance perfect; color pure creamy white, sometimes faintly tinged with pale lemon and blush.

**Deviensensis**—The color is a lovely creamy white, with rosy center; large, very full and double; an old-time rose with an old-time fragrance.

**Duchess de Brabant**—This fine rose is known by all flower growers; the color is unique among pinks.

**Duchess of Albany**—This is a superb rose; resembles La France, but is more vigorous in growth and deeper in color. It is a continuous and free bloomer. The flowers are extra large, very double and full and remarkably fragrant; color brilliant rose pink, exquisitely shaded.

**Enchantress**—Blooms with freedom, bearing its large globular flowers in immense clusters; color is creamy white.

**Etoile de Lyon**—Magnificent golden yellow, large handsome buds and flowers; free bloomer.

**General Jacqueminot**—Bright crimson, very rich and velvety; fine large buds, and is highly esteemed as one of the best and most desirable roses.

**General Robert E. Lee**—Color soft apricot yellow in the wide outer petals, wavering to a bright salmon yellow in the center.

**Gruss au Teplitz**—The best all-round red bedding Rose yet introduced; distinct from all the other red roses you have ever seen; extra strong 2-year-old plants.

## Two-Year-Old Roses

Each, 35c; 6 for \$1.50; 12 for \$2.50.



American Beauty.



Bridesmaid Rose.

**Archduke Charles**—The very best rose for bedding; can be planted anywhere; entirely hardy; flowers are of good size and of pure scarlet, a color seldom seen in roses; a very strong and vigorous grower.

**Bride**—A superb pure white Tea Rose; one of the best of its color. The buds and flowers are large, finely formed, very double and full; a constant bloomer and strong grower.

**Bridesmaid**—One of the finest Roses, which will give the most satisfaction in outdoor planting. The color is fine pink, the flowers are of a large size, double and fine shaped; strong and vigorous grower.

**Clothilde Soupert**—Best bedding Rose known; color a French white, deepening to a rosy blush in the center. Its greatest value lies in its compact, vigorous habit and wonderful profusion of blooms; even the smallest plants are covered with flowers. The form of the flowers is so perfect that the hottest weather does not cause a deterioration of either. Too much can not be said in praise of this Rose.

**Catherine Mermet**—Valued highly for its elegant buds; color clear, shiny pink with delicately shaded amber and fawn center; large flowers; a strong, healthy grower and good bloomer.

## Two-Year-Old Roses

Each, 35c; 6 for \$1.50; 12 for \$2.50.

**Hermosa**—An excellent Rose, blooms in fine clusters, color beautiful clear rose; a constant bloomer, hardy; one of the best blooming roses.

**Helen Gould**—The color is unique, a very soft, intense carmine crimson, with deeper shades in the depths of the petals; in color very like American Beauty. The profusion of blooms is truly marvelous, every shoot producing a flower. It is invaluable as an outdoor bedding variety, on account of its free habits, hardiness, superb color and fine flowers.

**Mme. Jos. Schwartz**—Color white, shaded with pale yellow and rosy blush.

**Mme. Welche**—Color amber yellow, deepening in center to orange and coppery yellow.

**Maman Cochet**—A valuable pink bedding or pot Rose, with rich, healthy foliage and large flowers on long, straight stems; color, deep rosy pink, the inner side of petals silvery rose.

**Henry M. Stanley**—The color is a rare shade of amber-rose, delicately tinged with apricot yellow toward the center. Reverse of petals clear buff rose. The flowers are of good substance, extra large, finely formed and very full and fragrant.



Meteor Rose.



Madam Welche Rose.



Pearl of the Garden Rose.

**Kaiserin Augusta Victoria**—A beautiful Rose with elegant, large pointed buds and very large, full double flowers; color delicate creamy white; deliciously fragrant. The plant is a strong, healthy grower and constant bloomer, one of the choicest and most trustworthy garden Roses.

**La France**—Delicate silvery rose, shaded with cerise pink, often silvery pink, with peach shading, very large double and of superb form.

**Madame Abel Chatenay**—A grand bedding Rose; flowers of good size, very double, with slightly recurved petals; elegant buds, just the right size and shape for button-hole use; color, rosy carmine shaded salmon.

**Madame Schwaller**—A remarkable Rose, having the strength and style of the Hybrid Perpetual and the free-flowering qualities of the Tea; color, deep rosy flesh, deepening on edge of petals.

**Meteor**—Rich, velvety crimson, exceedingly bright and attractive. One of our best general utility red Roses. The plant is of vigorous growth, and very free flowering; a constant bloomer. Fine for summer bedding or in pots.

**Mosella**—A strong dwarf bushy grower, flowers are very double and of camelia-like form; the color is white on beautiful light yellow ground.

**Marie Guillot**—A standard, unexcelled variety of Tea Roses; color, pure white, sometimes tinted pale yellow.

**Marie Van Houtte**—Creamy white, with outer petals outlined bright rose; occasionally the entire flower is suffused with light pink.

**White Bougere**—Large, pure white flower with thick, shell-shaped petals.

**White Maman Cochet**—A beautiful snow white, sometimes tinged with the faintest suggestion of blush. Hardy with but slight protection.

**Souvenir de la Malmaison (Bourbon)**—One of the choicest Roses we offer; color, a creamy flesh, bright and clear.

**Paul Neyron**—Deep shiny rose; very fresh and pretty; flowers very large, often measuring 5 inches in diameter. Good strong grower, with nice, almost thornless stems, which often attain 6 to 7 feet in a single season.

**Princess de Sagan**—The color is rich velvety crimson, a very free bloomer.

**Safrano**—One of the best of all coppery-colored varieties; foliage is large, growth is very vigorous, flowers large, yellow margin, shaded to a deep coppery yellow.

**Queen**—Considered the finest white Rose for open ground cultivation.

**Sunset**—The color is a rich golden amber or old gold; elegantly shaded with dark ruddy crimson; the flowers and buds are large, full, finely formed.



Kaiserin Augusta Victoria Rose.

## Two-Year-Old Roses

**Snowflake**—Never out of bloom and for a pure white bedding Rose is unequalled.

**Sunrise**—An offspring of that old variety, *Perle des Jardins*, the most gorgeous of its class yet introduced; as the bud opens the color deepens, the scarlet turning dark red, the yellow to orange and coppery; inside of the petal golden yellow.

**Souv. d'Un Ami**—A fine Rose, shaded salmon; one of the best pink Roses.

**Souv. de Wootton**—Hardy, good grower; color, bright magenta red, passing to crimson.

**Triumph de Pernet Pere**—Bright red shaded, with slightly recurved petals; elegant buds, full and double. A continuous bloomer, very brilliant and handsome. Excellent for bedding.

**White Bougere**—A free bloomer and clean, healthy grower; blooms of great substance, pure white, good stiff stems; very vigorous grower.

## Two-Year-Old Climbing Roses

Each, 35c; 6 for \$1.50; 12 for \$2.50.

**Climbing Bridesmaid**—It blooms as freely as the *Bridesmaid*; clear, dark pink.

**Cloth of Gold**—A good yellow Rose; resembles the *Marechal Niel*.

**Climbing Marie Guillot**—It is a very rapid grower and an exceedingly healthy Rose; the color is pure snow white.

**Climbing Meteor**—The brightest colored of all Roses; it is a free, persistent bloomer; color a deep, rich red.

**Climbing Souv. de Wootton**—A hardy, ever-blooming Rose; the color is bright magenta red, passing to violet crimson, richly shaded.

**Dorothy Perkins**—The best hardy pink Rose.

**Empress of China**—This is a hardy climber; it is a strong, rampant grower, and very free bloomer; the flowers are of good size, soft red, turning lighter as it opens.

**Mrs. Robert Peary, or the Climbing Kaiserin**—It is a strong, rapid grower; the flowers are large, full double, produced on long, stiff stems. The buds are long and pointed. The color is a creamy white.

**Mary Washington**—The flowers are white and borne in clusters; a very rapid grower.

**Reine Marie Henriette**—A strong, vigorous grower; the flowers are large, full and of fine form; the color is pure cherry red; sweet scented.

**Solfaterre**—A very good yellow climber; the flowers are large, full and double; the color is fine, clear sulphur yellow.

**Tennessee Belle**—A strong, vigorous climber and free bloomer; the color is bright rose blush; flowers large, full.

**White Pet**—A strong-growing, climbing *Polyantha* Rose, blooming in immense clusters of pure white flowers.

**William Allen Richardson**—Large, full flowers of coppery yellow, tinged with carmine, and has a delicious fragrance; very strong grower.

## Three-Year-Old Climbing Roses

Each, 50c; 12 for \$5.00.

**Empress of China**—Soft red.

**Climbing Clothilde Soupert**—See description in 2-year-old list.

**Isabella Sprunt**—An oldtime favorite yellow Rose.

**Solfaterre**—Yellow.

**Prairie Queen**.

**Tennessee Belle**—Bright rose blush.

**Mary Washington**—White, borne in clusters.

## Our Great Fifty-Cent Collection

For the small sum of 50 cents we will send, postage paid, 5 Bedding Roses and 5 Climbing Roses, not labeled. They will be packed in 2 bundles, one being labeled "Bedding" and the other "Climbing."

## Discounts on Plants

Note our special discounts and premiums on Greenhouse Plants. Mailing plants is one of our good features. Send us a trial order.



Mrs. Robert Peary Rose.



Triumph de Pernet Pere Rose.



Crimson Rambler Rose.

## The Rambler Family

This extraordinary family of Roses numbers among its members some of the famous varieties in cultivation, notably the Crimson and Yellow Ramblers. They are perfectly hardy and bear their grand flowers in wonderful profusion.

**MAILING SIZES:** 10c each, \$1.00 per dozen; postage paid. Larger pot plants, 15c, \$1.50 per dozen, by express only; two years old, pot grown, 35c each, 6 for \$1.75, 12 for \$3.00, by express, purchaser's expense; three years old, field grown, 50c each, 12 for \$5.00.

**Rambler, Pink**—The Pink Rambler completes the entire range of cardinal colors that can be embraced in these beautiful climbing roses. This Rose is as charming as any of its rivals, embracing all their good qualities of hardiness, vigorous growth, profuse blooming and delightful fragrance.

**Rambler, Crimson**—It is a rapid grower, and very quickly makes heavy canes of great length, covered with peculiar shining foliage; blooms are produced in great bouquets and are of a lovely shade of crimson.

**Rambler, Yellow**—The flowers are immense clusters, after the same manner as the Crimson Rambler; the color is a decided yellow.

**Rambler, White**—A blood relative to the popular Crimson Rambler, and identical to it in hardiness and flowering qualities. Flowers of pure white; come in clusters, giving the effect of one very large rose.

## Carnations

Each, 15c; 2 for 25c, or 1 each of the following 14 varieties for \$1.25:

**Flora Hill**—The grandest white Carnation to date. The plant is a healthy, clean grower, entirely free from rust or disease and wonderfully free in bloom. Flowers are of enormous size, of nice rounded form, highly clove-scented and all borne on very long stems.

**Cardinal**—The best new scarlet Carnation offered. A prolific bloomer and very fragrant.

**Dorothy Whitney**—Conceded to be the nearest approach to the ideal yellow Carnation. Deep golden yellow, irregularly edged with faint markings of light pink.

**Mrs. Thos. W. Lawson**—This variety has created a sensation on account of its wonderful size and beautiful color; dark cerise pink; lights up beautifully under artificial light.

**Enchantress**—One of the grandest of Carnations, an exquisitely delicate shade of shell-pink, deepening toward the center; blooms early and continuously; of extra large size.

**The Beacon**—A splendid new red that blooms throughout a long season. Flowers are gracefully formed, and will average from 2¾ to 3 inches in diameter. Color, scarlet, with a bright dash of orange.

**Prosperity**—One of the largest Carnations in cultivation; very striking in color and form. Pure white mottled with soft pink, forming a combination seldom equaled in-plant life.

**Boston Market**—Unquestionably grandest white Carnations to date. Plant is a healthy, clean grower, entirely free from rust or disease.

**Harlowarden**—Rich, glowing crimson, very bright; one of the handsomest and best varieties, large bold flowers, very sweet.

**White Perfection**—All that its name implies. Bloom is abundant, of large size and immaculate whiteness.

**Victoria**—Exceptionally satisfactory and useful as a cut-flower, owing to its great stability, its nice long stems. Color, brilliant scarlet.

**White Enchantress**—One of the best whites yet produced, of pure quality, large size and immense production. Shape and habit closely follow the parent, Enchantress.

**Red Lawson**—A bright, pleasing scarlet of good habit of growth. Style and character similar to the original Lawson. Its flowers keep well and are very large.

**Variegated Lawson**—Closely bearing out the admirable Lawson type in all respects, the color being a pretty commingling of pink and white.



Flora Hill Carnation.





Asparagus Plumosus Nanus.

**Asparagus**

**Plumosus Nanus**—The plant for all places and all purposes. May be used with telling effect in fern dishes, or as a single pot plant; may be trained to grow over windows or small trellises in the house, and above all is almost indispensable as a green in floral decorations. Thousands of yards of its spray are used in making up floral designs. Its fresh green foliage is so graceful and dainty that it surpasses even Maiden Hair Fern in popularity. Small plants, 15c and 20c each, by mail; larger plants, 35c, 50c and \$1.00 each, by express.



Asparagus Sprengeri.

**Sprengeri**—Especially useful to grow as a pot plant for house decoration or for planting in hanging baskets, where it makes a graceful drooping plant with fronds 4 to 5 feet in length, of a rich shade of green. Small plants, 15c and 20c each, by mail; larger plants, 35c, 50c and \$2.00 each, by express.

**ASPARAGUS COLLECTION.**

One Asparagus Plumosus Nanus, 1 Asparagus Sprengeri, 1 Boston Fern, 50c, by mail.

**Auracaria Excelsa (Dwarf Christmas Tree)**—Deep green, feathery foliage, arranged in whorls, rising one above the other at regular distances. Its symmetry of form, grace and beauty of foliage are unequaled in the vegetable kingdom; only have fine, large plants. Each, \$1.00 to \$2.50; must go by express.



Alba Picta Begonia.

**BEGONIAS—STANDARD.**

Each 15c, or the 12 for \$1.50, postage paid. Large plants, 50c, by express.

**Alba Picta**—Very ornamental; has long, ear-shaped, medium-sized leaves of the darkest green, with silvery spots.

**Begonia Erfordia**—It will stand the strong sun in summer; color deep, rosy pink.

**Argentea Gutata**—This variety has the silvery blotches, purple bronze leaves; white flowers on the tips of the stems.

**Duchartrei**—Dark bronze green on upper surface, reddish purple on under side; flower large, in good-sized panicles; pure white.

**President Carnot**—Foliage very large; flowers beautiful coral red; in large pendant panicles.

**Rubra**—A rich coral red, in large pendant panicles.

**Sandersoni**—Glossy, deep green leaves; flowers in clusters of drooping, scarlet, heart-shaped buds; a constant bloomer.

**Metallica**—A shrubby variety; good grower and free bloomer; leaves triangular; under side of leaf and stem hairy; flowers white.



Rex Begonia.

**REX BEGONIAS (Painted Leaf Begonias).**

The high coloring and exquisite markings of Rex Begonias make them invaluable as decorative plants for house culture. They make excellent plants for baskets and vases, if given plenty of moisture and not exposed to the full rays of the sun. By mail, each, 35c; express, 50c and 75c each.

## Cannas

By Express only, 10c each; 12 for 75c; 25 for \$1.50.

- Austria**—Pure canary yellow, fine, large, open flowers, with few reddish spots in the center of the two inside petals.
- Burbank**—Flowers are gigantic in size, upper petals spreading 7 inches. Inner part of petals shows fine crimson spots; all the rest of the flower a beautiful rich canary yellow.
- Chas. Henderson**—Rich crimson flowered Cannas, a splendid dwarf, compact grower, throwing up direct, compact heads of blooms of immense size; color, dark crimson, center of the flowers marked with gold penciling. One of the finest varieties.
- Chicago**—Clear vermilion scarlet, flowers large and nearly flat, forming large heads of bloom.
- Duke of Marlborough**—One of the finest of the very deep crimsons; fine individual blooms in large trusses and exceptionally free flowering and attractive.
- Egandale**—The stately dark leaved Canna. One of the finest Cannas for bedding that has yet come under our notice. The foliage is good, habit sturdy. Flowers of good size, borne in compact head. The color is a deep currant red different from any other.
- Florence Vaughan**—Considered by all who have seen it to be finest yellow spotted Cannas. Flowers very large, of the most perfect form, with broad overlapping petals; nicely rounded at the ends. Color, brilliant yellow, spotted with bright red. A strong, robust grower and flowers very freely.
- Furst Bismarck**—Rich scarlet crimson of large size. A splendid compact grower, throwing up direct compact heads of blooms; of immense size.
- Italia**—Bright orange scarlet with broad golden yellow border; the flowers are produced on massive stems, set well above the foliage, which is large and heavy.
- Mlle. Berat**—Green foliage. It is a very soft shade of rosy carmine. A bed of this variety is superb in its rare coloring. Quite new and claimed to be one of the best of its color.
- President McKinley**—Brilliant crimson with scarlet shading; dwarf habit, growing only 2½ to 3 feet high in rich soil.
- President Cleveland**—Brilliant orange scarlet, a perfect mass of blooms from early in the summer until cut down by frost. Individual flower broad and nicely formed; made up in immense heads of bloom, held above the foliage.
- Souv. d'Antoine Crozy**—This is a marvelously brilliant Canna; intense scarlet, rich and dazzling, bordered with broad rich golden yellow edge and does not fade or scorch in the hot and dry weather. This invaluable quality it shares with Queen Charlotte, the other grand gilt-edge variety.
- Queen Charlotte**—The royal new Canna; bright orange scarlet, deeply edged, bright canary yellow. The flowers are very large, with broad well rounded petals borne in immense heads, well above the foliage. The leaves are large musk-like deep green.

## Chrysanthemums

Each, 10c; 4 for 25c; 12 for 50c, Postage Paid.

- Alice Byron**—A splendid pure white incurving plant, strong and woody.
- Col. D. Appleton**—Very large deep golden yellow flower of fine finish and form.
- Glory of the Pacific**—One of the best early pinks.
- Intensity**—One of the very few good red varieties, brilliant crimson colored; reflex petals.
- Major Bonaffon**—Bright, clear yellow, the yellow for all purposes.
- Monrovia**—One of the very earliest bloomers; flowers good size, good shape.
- Mrs. H. Robinson**—A magnificent white in every way, with broad, incurving petals of great substance, gradually forming into a perfect ball of snowy white.
- Timothy Eaton**—One of the largest and a winner of every cup and prize for which it was entered at the many chrysanthemum shows. Purest white of true globular shape.
- Dr. Enguehart**—Color a true pink without the least trace of purple. Stem and foliage perfect; every flower is perfect.
- Roi d'Italie**—A very handsome yellow variety; incurved into a fine compact globe of rather narrow petals; has a splendid stem and foliage; grand for exhibition.



Alice Byron Chrysanthemum.

- Clementine Tousset**—A very large, loosely incurved bloom, flowering in early October. Color, pure white from early buds; double from either bud.
- Lady Fitzwigram**—One of the earliest pure white.
- Golden Wedding**—The flowers are a great puffy mass of clear golden yellow sunshine and glistening, sometimes 8 or 9 inches across.
- Omega**—Beautiful light yellow, flowers under good cultivation reaching 7½ inches in diameter.
- Adele**—Delicate pink; fine for outdoor cultivation.
- Maud Dean**—An extra large flowered variety; petals broad and incurving perfectly double.

### NOVELTIES IN CHRYSANTHEMUMS.

Each, 25c; 6 for \$1.25; 12 for \$2.50.

- Golden Chadwick**—Unsurpassed in size of flower; 9 inches in diameter. A rich yellow, almost as deep as Col. D. Appleton.
- Jeannie Nonin**—This Chrysanthemum has no rival, of the largest size, perfectly globular, finely finished; an easy doer; a splendid keeper; color, a pure white.
- Wm. Duckham**—Color, a deep, clear pink, incurved with broad petals. The flower is very large, with good foliage.
- Mrs. Clay Frick**—Identical with Wm. Duckham in growth and size, only the color is a flesh color, turning to light shaded pink.
- A. J. Balfour**—Broad petals of great substance, dazzling rose pink.
- Mlle. E. Chabanne**—An immense flower of the most beautiful shade of rosy pink, with brighter shadings.
- Mary Mann**—An immense pink variety, finely incurved petals, broadly shell-shaped.
- Wm. H. Chadwick**—A very graceful flower of unusual size, nearly white, occasionally tinted pink; growth, habit, stem and foliage simply perfect.
- Silver Wedding**—The purest white, with broad reflexed petals, forming a bold, handsome flower 7 inches in diameter.

### OUR EXHIBITION COLLECTION.

- |                              |                          |
|------------------------------|--------------------------|
| Jeannie Nonin—White.         | Col. D. Appleton—Yellow. |
| Wm. Duckham—Pink.            | The Eaton—White.         |
| Mrs. Clay Frick—Flesh color. | Golden Wedding—Yellow.   |
| Mlle. E. Chabanne—Rosy pink. | Alice Byron—White.       |
- The whole set of 8 for \$1.00.

### EARLY FLOWERING COLLECTION.

- |                            |                         |
|----------------------------|-------------------------|
| Monrovia—Deep yellow.      | Adele—Delicate pink.    |
| Roi d'Italie—Yellow.       | Lady Fitzwigram—White.  |
| Glory of the Pacific—Pink. | Mrs. H. Robinson—White. |
- The whole set of 6 for 25c.

## Clematis

One year: Each 50c, any 2 for 85c, 4 for \$1.50, by mail. Two year: Each 75c, any 2 for \$1.25; 4 for \$2.25, by express.

Of all the vines used either for shade or decoration, none can compare with the Clematis in its many and varied forms.

### LARGE FLOWERED VARIETIES.

In this superb family of hardy climbers, many of the varieties have flowers 5 to 7 inches in diameter. They are grand for pillars and trellises, pegged down for bedding and for running over rockwork, old trees and stumps. They delight in rich soil, and a sunny situation, and are perfectly hardy.

**Henryi**—Fine, large, creamy white flowers. One of the best of the white varieties; a perpetual bloomer.

**Jackmanii**—The flower, when fully expanded, is from 4 to 6 inches in diameter; intense violet purple, with a rich velvety appearance, distinctly veined. It flowers continually from July.

**Madame Ed. Andre**—Nearest approach to bright red Clematis; a distinct crimson red. Very free bloomer.

### CLEMATIS PANICULATA (Japanese Virgin's Bower.)

This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong, rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers which appear in the greatest profusion in August, followed by silvery, feathery seed-pods, which makes an attractive appearance. The plant succeeds in almost any position; not only is it well adapted to run up all kinds of supports, but is just as useful for planting among rockwork, sloping banks, covering graves, or, in fact, any position where a graceful vine is desired.



**Clerodendron Belfourii.**

## Coleus

8c each, 12 for 75c, postage paid. By express, buyers paying charges, 50 for \$2.00.

**Lovely Sunset**—Irregularly mottled, pale yellow margin, red center.

**Mary F. Sanders**—Creamy white in center of leaf, with a clearly defined margin of oxide green, bronze, purple and crimson.

**Autumn Glow**—Has all the beautiful tints of autumn leaves.

**Dante**—Velvet crimson, fringed edges.

**Dewey**—Wide-pointed leaves of a deep maroon, with a wedge of bright crimson.

**Hobson**—Dark velvety crimson, red margined center.

**Memphis**—New seedling; yellow, mottled red.

**Milton**—Nearest to black velvet that has ever been grown.

**Velveteen**—Center bright red, banded with maroon, edged with green.

**John Goode**—Crumpled-like leaves, red, green and yellow.

**Rainbow**—Red, intermingled with gold and green.

**Golden Bedder**—The best yellow.

**Beauty**—Crimson bronze, with green and gold edge.

**Firebrand**—Fine bedder, dark crimson, shaded garnet.

**Chicago Bedder**—Green and gold.

**Stella**—Yellow, red, green and bronze.

**Mrs. Buxton**—Green, gold and red.

**Verchafeltii**—A rich velvety crimson; the best old-fashioned bedder.

**Dahlia**—The Dahlia has always been a favorite for autumnal flowering. Our collection of mixed Dahlias is of the best, comprising all of the positive colors, with their most striking shades. 12 for \$1.00; single and double.



**Fuchsia Phenomenal.**

## Fuchsias

**Fuchsia Phenomenal**—The largest Fuchsia we have yet seen.

The tube and sepals are bright coral red, beautifully formed.

The corolla, nearly 2½ inches across, is of the very richest violet shade. Each, 15c.

**New Trailing Queen**—This Fuchsia is an entirely new departure, differing from all other flowering varieties in its habit of growth, as it is a trailing vine. The young plants, as they commence growth, creep out of the edge of the pot, then go trailing downward. It continues growing and branching in this way until the vines are a solid, wavy mass of the most elegant foliage flowers. The flowers are borne in large, drooping clusters; very large, long and graceful. Price, 25c each, postage paid.

**Rosains Patri**—A variety unsurpassed among all the Fuchsias, with white corolla, strong and bushy, beginning to bloom early in the spring and continuing late. Tube and petals are brilliant, deep scarlet, thick and leathery in texture; corolla is very large, double and pure white. 15c each.

**The Black Prince**—A misnomer, so far as color is concerned, being of a bright, waxy carmine; tube and petals large and broad, with pale green tips; large, open pale pink corolla; a wonderfully symmetrical habit and the best all-round Fuchsia we know of. Each, 10c.

**Purple Prince**—Fine, double variety; petals scarlet; corolla a beautiful, distinct blue; very dwarf. Each, 10c.

**Clerodendron Belfourii**—A plant of the greatest beauty, which will bloom the year round, and may be grown as a climber or trimmed into bush form. The flowers are bright scarlet, each encased in a bag-like calyx of pure white, presenting a most beautiful and striking contrast, the panicles of flowers upward of 6 inches in width. Each 20c, 3 for 50c; larger plants, 75c and \$1.00 each, by express.

## Geraniums

Each, 10c, 12 for \$1.00, postage paid. Large plants, 15c each, 12 for \$1.50, by express, at purchaser's expense.

### THE TWELVE BEST SINGLE GERANIUMS.

Athlete—Vivid scarlet.  
Clyde—Rich red.  
Electric—Very large; brilliant scarlet.  
General Grant—Brilliant scarlet.  
J. D. Cabos—Very soft pink.  
La Favorite—Very large; pure white.  
L'Aube—Snow white.  
Marguerite de Layres—Pure white.  
Madame Cornell—Bright pink.  
Madame de la Rogue—Salmon.  
Mrs. E. G. Hill—Bright salmon.  
Queen of the West—Orange scarlet.

### THE TWELVE BEST DOUBLE GERANIUMS.

Alphonse Ricard—Orange scarlet.  
Crespucula—Dark purplish crimson.  
Glorie de France—Salmon white.  
Hedwig Buchner—Double; white.  
Heteranthe—Orange scarlet.  
Jean Viaud—The best and largest pink.  
J. Ricard—Purplish crimson.  
Madame Hoste—Fresh, lined, bright salmon.  
Madame Rozine—Double; white.  
S. A. Nutt—The great crimson bedder.  
Queen of Fairies—Rich flesh, with white.  
President Leon Simon—Double; scarlet.



S. A. Nutt Geranium.

A fine collection of Fancy Geraniums, each, 20c, or set of 8 for \$1.25, postpaid; larger plants, 25c; or set \$1.75, buyer's expense.

Dryden—Fine, and a grand bedder. Stands sun and rain remarkably well, and is one of the showiest things in the field, not losing its color or "washing," as so many varieties of this type do. It is bright, rosy red.

William Langguth—The new silver-leaved Geranium. Flowers double, bright red, large, extra filled out blooms, rising from the white-colored foliage quite magnificently.

Francis Perkins—The grandest bright pink bedding variety to date. A fine grower, and stands the sun perfectly.

Gloire Poitevine—Single; large trusses of immense size. Rich red, shaded orange, with a white eye.

Julia Marlowe—Broad, overlapping petals of dazzling, even shade of scarlet; form and color extra good.

Alice of Vincennes—Border of intense scarlet forming a band around the body; color of rosy pink heavily veined with scarlet; center white; a very brilliant combination of colors.

Clyde—A single scarlet Geranium of Bruant type. Floret immense, 2½ to 3 inches, 16 inches in circumference.

Count de Turin—Produces a nice truss, part of the flowers being light pink and others very bright pink. A beautiful fancy double sort.

### VARIEGATED GERANIUMS.

Happy Thought—Leaves variegated. Each, 15c; 2 for 25c.

Madame Sallerol—Silver leaf. Each, 15c; 2 for 25c.

Mrs. Pollock—A fancy variegated leaf. Each, 15c, 2 for 25c.

## Hydrangea

Montrosa—One of the most valuable new plants introduced in years. Trusses of flowers are of enormous size, even on quite small plants; color intense, deep rose, and the plant is a mass of bloom the whole season. Each, 20c.

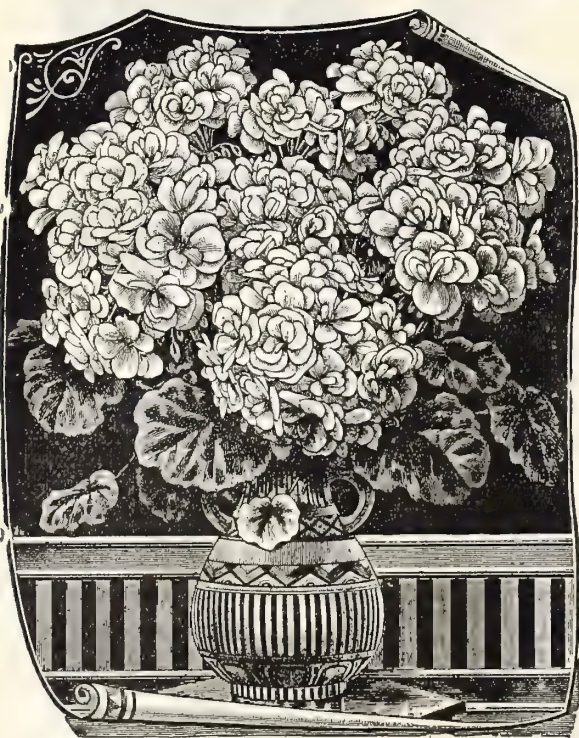
Hydrangea, Red Branched (Ramis Pictus)—A beautiful sort, with dark red branches that brighten to a clear crimson color as they near the flower trusses. Each, 15c.

Hydrangea, Thomas Hogg—A pure white variety, with trusses of flowers measuring 15 inches in diameter. Plants when full grown have a height and width of 6 feet. 15c each.

Otaska—The old favorite variety, bearing big bunches of pink flowers, which change to blue in soils containing iron. Each, 15c.

Rosea—Vigorous habit; flower-head shaped like those of Thomas Hogg, and as freely produced; color bright, rosy red. Each, 25c.

SPECIAL OFFER—We will send the entire set of five varieties, amounting to 90c, postpaid, for only 75c; larger plants, 50c each; specimen plants \$1.50 each.



La Favorite Geranium.

### SCENTED GERANIUMS.

Each, 15c; 2 for 25c, or one each of the following varieties for 50c; large plants, 25c each:

Balm Scented—Delicious balm fragrance.  
Apple Scented Geraniums.  
Nutmeg Scented Geraniums.  
Livingston—Skeleton leaf, very fragrant.  
Mrs. Taylor—Large scarlet, very fine.

### IVY LEAF GERANIUMS.

A fancy blooming trailing Geranium, four sorts. Each, 15c, or 4 for 50c, postage paid. Large plants, 25c and 50c each.

## The Jasmine Family

15c each, 5 for 75c, by mail; larger plants, 50c, by express only.

**Confederate Jasmine**—This makes an elegant hard wooded climber, or can be trained in bush form. It bears large bunches of pure white flowers, with the most delicious Jasmine perfume. It is known in the south, where it is hardy, as the Confederate Jasmine. A great plant for house culture; also known as Malayan Jasmine. It will delight all.

**Grand Duke**—This Jasmine is very easily grown, even small plants bear a profusion of very double creamy-white flowers, having a delicious perfume. It is a magnificent plant, and will become one of the most valuable and popular pot plants when it becomes better known.

**New Jasmine, Maid of Orleans**—A very attractive sort, with good size double flowers, blooming profusely all summer, shining, pale green foliage. We predict for it a rapid sale, as it is much easier to handle than other Cape Jasmines, and as a whole, more desirable.

**Cape Jasmine (Gardenia Florida)**—This splendid plant is a great favorite with all who know its true worth. The blooms are pure white and measure 2½ inches across and are delightfully fragrant. The flowers are extremely fashionable, and for this reason, together with its ease of culture, we feel sure of a lively demand for it. The frequent requests received for it have led us to propagate a large number of strong, well rooted, blooming plants.

**Night Blooming Jasmine**—This is the famous Night Blooming Jasmine, producing beautiful white flowers in clusters, and in the greatest profusion, overpoweringly sweet at night. It is said to be the most valuable of all perfumed plants. It is a lovely pot plant, and is of easiest culture, thriving to perfection in good loam and sand.



Heliotrope, Florence Nightingale.

**Acalypha Sanderii Chenille Plant**—This is the most distinct ornamental plant introduced in many years. The flower spikes, which appear in pairs from the axils of the leaves, grow from 2 to 3 feet in length. The spikes are bright crimson in color. Each, 25c, postage paid. Larger plants, by express, 50c.

**Acalypha Tricolor**—A beautiful plant with highly colored leaves; bright red, blotched with crimson bronze. Fine center plant for carpet bed. 15c each, postage paid.

**Acalypha Marginata**—Dark bronze, with rose margined foliage. 15c each, postage paid.

**Swainsonia, or Ever-Blooming Sweet Peas**—A pretty plant; flowers bloom in clusters. The bloom itself is shaped like a sweet pea bloom. Each, 10c.



Swainsonia.



Acalypha Sanderii, Chenille Plant.

## Heliotrope

10c each, 1 each of the 8 sorts for 75c, postage paid.

**Florence Nightingale**—Flowers bright lavender; good truss.

**Madame de Blonay**—Very large trusses of pure white flowers.

**Mrs. David Wood**—Violet flowers, with light center.

**Madame Bruant**—Immense panicles of very large flowers; rich purple; with large white eye.

**Czarina**—Deep purple; fragrant.

**Czar**—The best of the dark Heliotropes; deep purple.

**Picciola**—Rosy violet, almost red, with a distinct white center.

**Queen of the Violets**—Color of the deepest violet purple, with large, almost white eye; very fragrant.

### HIBISCUS.

**Peachblow, New Pink Hibiscus**—This is one of the finest plant novelties offered in recent years. It is a sport from the double red Hibiscus Rosa Sinensis; the flowers are double and from 4 to 5 inches in diameter; of a charming, rich, clear pink color, with a small, deep crimson center; an entirely new and most beautiful shade; it blooms abundantly and continuously even on small plants during the entire summer and fall months; may be easily wintered in greenhouse or dwelling.

**Hibiscus**—Single; scarlet.

**Hibiscus**—Double; crimson.

These are 3 fine bedders and make enormous blooms. Each, 15c, postage paid. Larger plants by express, 50c, 75c and \$1.00 each.



Night Blooming Jasmine.



### The Lantana Family

**New Weeping Lantana**—One of the most beautiful plants ever introduced for baskets, vases, pots or for culture outdoors. Produces its clear lilac pink flowers in clusters by the hundreds from early summer until severe frosts. Has a most graceful drooping habit of growth. 15c each; large plants, 35c each.

**Lantana Innocens**—Very dwarf; a free grower and an abundant bloomer; pure white. Each, 10c.

**Lantana Jacqueminot**—Plant vigorous; flower at first deep orange red, changing to a deep vivid crimson. Each, 10c.

### Moonflowers

**The New Moonflower, "Helen"**—Similar to the old Moonflower, with the exception that our new Moonflower, "Helen," is of very rapid growth and blooms very profusely. The flowers are immense, pure white, from 6 to 8 inches in diameter; very free bloomer. Try it. Each, 25c; 3 for 50c, postage paid; 12 for \$2.50, by express only.

**White Moonflower**—We recommend this magnificent flowering climbing vine as one of the best in cultivation for making a quick dense shade. The flowers are large—4 to 5 inches in diameter. Each, 15c; 2 for 25c, postage paid; large plants, 35c each, by express.

**Blue Moonflower**—Habit of growth and flowering the same as the white Moonflower. The color is exquisite, clear, satiny blue, with well-defined crimson bars. Each, 25c, by mail, postage paid.



Marie Louise Violet.

### Lemon Ponderosa

**Lemon Ponderosa, or American Wonder**—This Lemon is as useful as the ordinary Lemon and is so large that one well developed specimen is equal to five or six common Lemons. The flowers resemble those of the Orange tree in shape, are pure white with yellow stamens. They make shapely little trees in a short time, and grow and bloom and bear fruit in almost any position. May be kept in sunny window all winter, and on porch or in the garden in summer. Fruit is of fine quality with a very thin rind for so large a Lemon. Each, 15c; larger plants, 15 to 18 inches high, by express, 50c; extra large plants, \$1.50 and \$2.00 each, by express.



Lemon Ponderosa.

### Violets

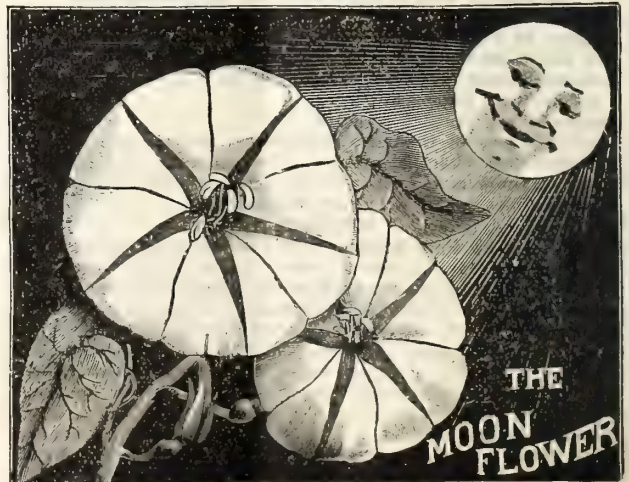
**California**—The most productive Violet in cultivation. The color is rich violet blue, that does not fade. Each, 10c, postage paid.

**Lady Hume Campbell**—The best double Violet. Flowers perfectly double; color deep violet blue. Each, 10c.

**Luxonne**—Grand single; color soft violet purple. Each, 10c.

**Swanley White**—Double white. A great favorite. Flowers very double. Color snowy white. Each, 15c.

**Marie Louise**—Fine double Violet. Fine, deep, bluish purple. Each, 15c.



## Ferns

**Adiantum Cuneatum**—The popular Maiden Hair Fern; most graceful and useful for bouquets, etc. Each, 25c, by mail.  
**Adiantum Pubescens**—A very useful Maiden Hair Fern; fine for baskets and fern dishes. Each, 25c, by mail.



**Boston Fern.**

**Boston Fern**—Still the standard American decorative plant. Grows rapidly under all conditions and its inexpensiveness places it within reach of every one. Often called "Fountain Fern," on account of its gracefully drooping habit. Fully matured fronds often attain a length of 4 feet. Each, 25c, by mail; larger plants, 50c, 75c and \$1.00, by express.

**Nephrolepis Elegantissima**—This creation of the "Ostrich Plume" type gives a general impression of delicate, bewildering fluffiness; while closer inspection shows a geometrically precise arrangement of angles, and classic harmony of details. The fronds are short and very broad at the base, the strong midrib giving them substance and poise. The pinnae are a nicely graded succession of perfect, miniature fronds projecting at right angles from both sides of the rib. No Fern yet offered is so lovely, nor more desirable. Each, 35c, by mail; larger plants, 75c and \$1.50, by express.

**Nephrolepis Scotti (The New Dwarf Boston Fern)**—A compact dwarf form of the favorite Boston Fern, in general appearance very much like the original. It is just as gracefully drooping in habit of growth, but is more compact, making well finished, shapely specimens even in the smaller sizes. Each, 25c, by mail; larger plants, 50c, 75c and \$1.00 by express.

**The New Nephrolepis Whitmanii**—Combining all the graceful pluminess and charm of *Elegantissima*, with additional features of shape, size and growth that give it distinction and added commercial value. *Whitmanii* is of dwarfer growth, but equalizes matters by compactness, and a wider, stockier shape. The fronds, although even more fine-cut, are more erect, and have proved less liable to revert to the original Boston type. 35c each, by mail; larger plants, 50c, 75c and \$1.00, by express.

**Small Ferns for Dishes**—We have selected a few of the hardiest and most satisfactory varieties for filling Fern dishes—than which there is no prettier table decoration. Each, 15c; 2 for 25c.

## Petunias

The Double Petunia is one of the finest bedding plants for massing, mixed borders or vases. The brilliancy and variety of its colors, combined with the duration of its blooming period, render it invaluable for garden decoration. Price, 10c each; 12 for \$1.00, postage paid.

**Salvia (Scarlet Sage)**—Long, drooping spikes of red flowers. Each, 10c; 3 for 25c; 12 for \$1.00.

**Salvia Silverspot**—A novelty. Foliage spotted; flowers variegated. Each, 15c; 2 for 25c; \$1.50 per doz.

## Verbenas

**Verbenas**—No garden is complete without a bed or border of this most popular flowering plant, giving, as it does, a wide range of color and blooming profusely from spring to frost. We offer a choice collection in white, crimson, purple, oculated, striped and variegated. Each, 10c; 12 for 75c. Postage paid.



**Otaheite Orange.**

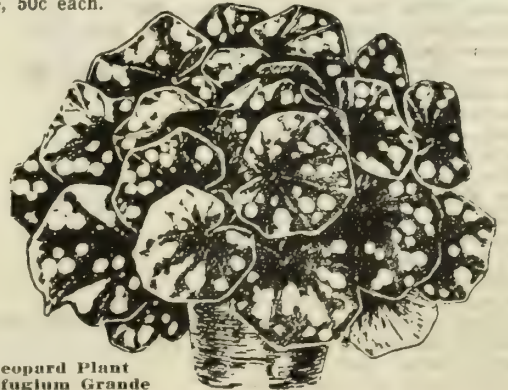
## Otaheite Orange

**Otaheite Orange**—A grand pot plant of great beauty and novelty. It is a dwarf orange, which grows, blooms and fruits freely in pots, even when only a foot or two high. The fruit is about one-half the size of ordinary oranges, and very sweet and delicious. The blossoms are produced in great abundance, delicate and beautiful in color, and rich in delicious perfume. As a pot plant this lovely dwarf orange is one of the most novel and beautiful that can be grown. It blooms most freely during winter, though it is likely to bloom at any and all times a year. Each, 15c; larger plants, 50c, by express.

## Decorative Plants

**Ficus Elastica (India Rubber Tree)**—The large, shiny green leaves endure the dry air of a living room as well or better than any other plant. Each 75c, by express.

**Farfugium Grande Leopard Plants**—The leaves are of immense size; color bright green, blotched with golden yellow; fine flower; color golden yellow. Each, 25c, postage paid; larger size, 50c each.



**Leopard Plant  
Farfugium Grande**

## Decorative Plants

**Pandanus Veitchii**—This is one of the most attractive of decorative plants. The leaves are light green, marked with broad stripes and bands of pure white. Each, 50c, 75c and \$1.00.

**Umbrella Palms**—Mailing size, 25c; larger plants, 50c, 75c and \$1.00 each.

**Sanseveria Zealanica**—The leaves are beautifully striped cross-wise, with broad white variegations on a dark green ground. Each, 50c; larger plants, 75c and \$1.00 each.



**Pandanus Veitchii.**

## Plants and Vines of All Kinds

For the sake of convenience, as well as to save space, we give under this heading a list of all the popular bedding plants, which are so well known to every one that detailed descriptions are useless. We grow all of these popular subjects in immense quantities, and our prices will be found very reasonable for the class of stock we send out:

- Abutilon—Each, 15c; doz., \$1.00.
- Achyranthus—Each, 10c; doz., 75c.
- Ageratum, Princess Pauline—Each, 10c; doz., 75c.
- Ageratum, Stella Gurney—Each, 10c; doz., 75c.
- Ageratum, Tapis Blue—Each, 10c; doz., 75c.
- Alyssum, Little Giant—Each, 10c; doz., 75c.
- Alyssum, Little Gem—Each, 10c; doz., 75c.
- Althemerantheras, Red, Yellow—Each, 10c; doz., 75c.
- Bananas—Each, \$1.00 and upward.
- Alocassia—Each, 25c, by mail; larger plants, each, 50c.
- Calla Lilies—Each, 50c, 75c and \$1.00.
- Cobea-Scandens—Each, 15c; doz., \$1.00.
- Cuphea—Each, 10c; doz., 75c.
- Caladiums, Fancy Leaf—Each, 25c.
- Dahlias, Single and Double—Each, 15c; doz., \$1.00.
- Dusty Miller—Each, 15c; doz., 75c.
- English Ivy—Each, 15c; doz., \$1.00.
- Euonymus—Each, 15c; doz., \$1.00.
- Black Eyed Susan—Each, 10c; doz., 75c.
- Feverfew—Each, 10c; doz., 75c.
- Honeysuckle, Varieg.—Each, 15c; doz., \$1.00.
- Hollyhock—Each, 15c; doz., \$1.00; large plants, 25c; doz., \$3.
- Impatiens Sultana—Each, 10c; doz., 75c.
- Lemon Verbena—Each, 10c; doz., 75c.
- Lobelias—Each, 10c; doz., 75c.

- Marguerite Daisy—Each, 15c; doz., \$1.00.
- Manettia Vine—Each, 10c; doz., 75c.
- Maranthas—Each, 25c.
- Mignonette—Each, 15c; doz., \$1.00.
- Nasturtiums—Each, 10c; doz., 75c.
- Pansies—Each, 10c; doz., 75c.
- Petunias, single—Each, 10c; doz., 75c; double, each, 15c; doz., \$1.00.
- Pink, Hardy—Each, 15c; doz., \$1.00.
- Phlox, Annual—Each, 10c; doz., 75c.
- Phlox, Perennial—Each, 25c; doz., \$3.00.
- Pilea Arborea—Each, 10c; doz., 75c.
- Plumbago—Red, each, 25c; blue, each 15c, doz., \$1.00; white, each 15c, doz., \$1.00.
- Periwinkle—Each, 10c; doz., 75c.
- Parlor Ivy—Each, 10c; doz., 75c.
- Snapdragon (in all colors)—Each, 10c; doz., 75c.
- Smilax—Each, 15c; doz., \$1.00.
- Shasta Daisy—Each, 15c; doz., \$1.00.
- Sensitive Plant—Each, 25c.
- Solanum Jasminoides—Each, 15c; doz., \$1.00.
- Water Hyacinth—Each, 25c.

**Antigonon Leptopus, New Crimson Mountain Beauty Vine**—This is a new climbing vine of striking and remarkable beauty. It is a strong, vigorous climber, suitable for covering walls, porches, verandas, fences, etc.; has handsome foliage and is covered for months at a time with splendid clusters of bright crimson flowers, like flaming red Wistaria. Those who have seen it in bloom say it is the most magnificent flowering vine they ever saw, and in parts of Central America, where it abounds, it is said to color the mountain with a blaze of glowing crimson. It is certainly unequaled in brilliant beauty. Each, 25c, by mail; large plants, 75c, by express.



**Antigonon Leptopus,  
Mountain Beauty Vine.**

## Imported Dutch Bulbs

September 1st each year we issue a catalogue of Fall Bulbs, such as Tulips, Hyacinths, Crocus, Easter Lilies, and many others which we carry in stock at that time. If you wish this catalogue mailed you, write us a postal for it at once, stating you wish our "1909 Fall Bulb Catalogue," and we will be pleased to send it when issued.

## Novelty Plants

Note the many new and desirable plants on our list this season. By all means include one or more of these late introductions in your order.

## Flower Pots

We carry in stock all sizes of Flower Pots, Seed Pans, Fern Pans, Fancy Earthenware, decorated and plain, Hanging Pots.

See page 69 for list and prices, which are net.

**ROSES** 20 for \$1.00  
Postage Paid.

Nice size plants that will bloom the first year. Not labeled, our selection.



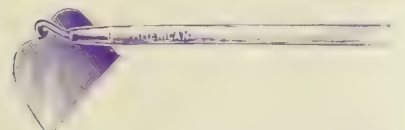
**Schwilt's Largest of All Lettuce.** See page 10 for description and price.

**Schwilt's Extra Early Market Peas.** See page 33 for description and price.


**Schwilt's Earlibell Tomato.** See page 11 for description and price.

**GARDENERS' SMALL TOOLS, ETC.**

Garden Hoes, Rakes, Spades, Forks, etc. We carry in stock all popular sizes. Prices, f. o. b. Memphis, net.



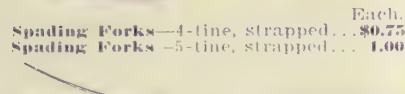
Hoes—6-in., steel, garden.....	Each	\$0.35
Hoes—7-in., steel, garden.....		.40
Hoes—8-in., steel, garden.....		.50
Hoes—Cotton, all steel, 7-in.....		.40
Hoes—Cotton, all steel, 7½-in.....		.50
Hoes—Southern Queen.....		.60




Weeding Hoes—One prong, onion.....	Each	\$0.25
Weeding Hoes—Two prong, combination.....		.50



Spading Forks—4-tine, strapped.....	Each	\$0.75
Spading Forks—5-tine, strapped.....		1.00



Manure Forks—3-tine.....	Each	\$0.40
Manure Forks—4-tine.....		.55



Rakes—10-tooth, steel.....	Each	\$0.50
Rakes—12-tooth, steel.....		.60
Rakes—14-tooth, steel.....		.70
Rakes—16-tooth, steel.....		.75



Riveted Garden Hoe.....	Each	\$0.30
Potato Hooks—4-tine, No. 1.....		.50
Potato Hooks—5-tine, No. 2.....		.60
Garden Sets, 3 pieces, Spade, Rake, Hoe, Per set.....		\$1.25
Hand Garden Spades, Small size.....	Each	.40



**Dovetail Comb Honey Supers.**

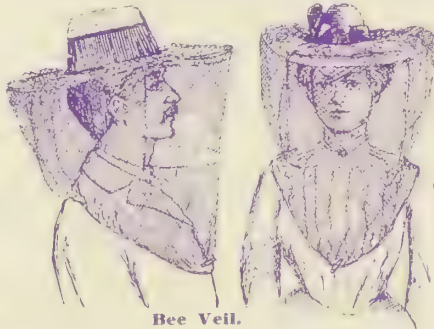
**BEE-KEEPERS' SUPPLIES.**

The G. B. Lewis Bee-Ware—We have added to our large stock a full supply of Bee-Ware Goods, manufactured by the G. B. Lewis Co. Buy the best; it is the cheapest in the end. We aim to keep a full stock of everything and can save you freights. We will sell at factory prices. Send for complete catalogue, as we list only a part of the goods here. Terms cash with order. All goods f. o. b. Memphis.



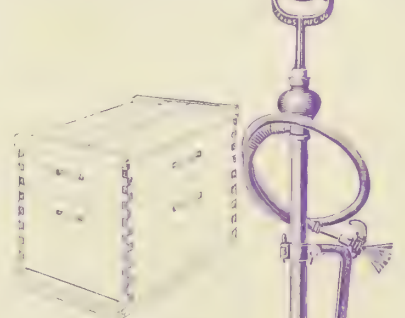
**PRICE LIST LEWIS BEE-WARE.**  
Send for General Catalogue for Other Supplies.

Dove-tailed Style Hive—8 frame in flat, 1 story.....	Each	\$1.35
Dove-tailed Style Hive—10 frame in flat, 1 story.....		1.45
Dove-tailed Comb Honey Supers—8 frame, No. 1.....		.50
Dove-tailed Comb Honey Supers—10 frame, No. 2.....		.55
Conell Smoker.....		1.25
Clark's Bee Smoker.....		.55
Bee Veils—Cotton, with silk face.....		.60
Bee Sections—Per 100.....		.75
Comb Foundation—Medium, thin and thin surplus, per lb.....		.65 to .60



**Bee Veil.**

We carry in stock Brood Frames, Shallow Extracting Frames, Bee Escapes, Parker Fasteners, Super Springs, etc.; in fact, a full line of the celebrated Lewis Bee-Ware at factory prices. Ask for catalogue.



**Dovetail Style Bee Hive.**

**The Bordeaux Brass Garden Sprayer**—A splendid bucket pump. Easily operated. Has brass ball valves, which are proof against the action of acid and oils. Foot piece malleable iron. The pump end of the discharge hose is attached with brass coupling, adding largely to its durability. Does all kinds of spraying and will throw whitewash if it is perfectly strained. Price of pump complete, **\$4.50.**

**EGGS FOR HATCHING.**

We contract each season with reliable breeders whose pens are mated with careful attention to fertility of eggs. We carry no eggs in our stores, but supply fresh-laid stock from the pens after receiving your order. Shipments are carefully packed and forwarded by express from the yards. While we take the greatest care to maintain purity of stock, fresh eggs and careful packing, there are so many risks involved that we can, at these prices, give no guarantee whatever regarding the results.

No eggs are likely to hatch that are placed under a lousy or unsteady hen, or in an unclean or loosely constructed nest. If eggs are received from a long distance by rail, do not set until resting them 24 hours.

Price, \$2.00 per setting of 15 eggs.



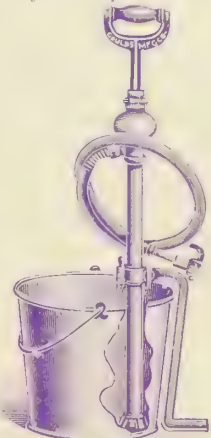
We can supply the following well-known breeds:

- Rhode Island Reds.
- Barred Plymouth Rocks.
- White Wyandottes.
- S. C. White Leghorns.
- Light Brahmans.
- S. C. Black Minorcas.
- White Plymouth Rocks.
- Brown Leghorns.

We cannot supply any live poultry of any kind. Have only eggs for setting.

**HOMER PIGEONS.**

Male and female. Thoroughbred stock from imported birds. \$2.00 per pair, packed ready for express.



**The Premier Sprayer**—A strong, durable and easily operated pump. Cylinder, plunger rod and gland are all brass.

Can be used in the garden, orchard, for washing windows and also for whitewashing. We consider the Premier one of the best pumps made for the money. This sprayer is probably better adapted to whitewashing than the Bordeaux, on account of having ball valves, which cannot become clogged, but if the mixture is well strained the Bordeaux will do good work. Price of Premier Sprayer complete, **\$6.00.**



# THE HENFRIEND

Made of the Very Best Galvanized Iron,  
in three popular sizes.

No. 1—Size 8x8x12, holds 2½ gallons of water.

No. 2—Size 6x6x9, holds 1¼ gallons of water.

No. 3—Size 4x4x6, for chicks, holds ½ gallons of water.

Protected from the dirt and yet easy to clean. Easy to fill and carry as a pail. Keeps the water cool in summer.

## SAVES THE CHICKS.

Every Spring any one who persists in watering their chickens in open troughs or pans, loses enough chickens by drowning to pay for several Henfriends. The Henfriend provides a shallow drinking trough with a reserve supply of water that comes down automatically as the fowls drink it out.

## WARM WEATHER.

In hot weather, place the Henfriend full of cool water in a shady place, and the water being held in a body, it will keep cool longer than in an open pan or trough.

It is a good plan where there is no shade to lay a board on top of it, which will naturally keep it cooler.

Every week scald the Henfriend out or use some good disinfectant and thoroughly sterilize it in your oven.

## WINTER WATERING.

The Henfriend is especially adapted for watering in cold weather. No. 1 size filled with hot water it will not freeze for six or eight hours in zero weather and being square it permits of expansion and will not burst, even should it be neglected and let freeze, it can be set on the stove and thawed out without damage.

## FOR GIVING MEDICINE.

A good many complaints of poultry can be cured by administering the medicine in their drinking water. The Henfriend is especially adapted for this, as by the action of the air in entering the top part of the fountain, it agitates the water and keeps the medicine mixed thoroughly with the water.

## AS A SELF FEEDER.

The Henfriend can be used as a self-feeder for dry feed, shell or grit. In using it for this purpose set it up on a box about 10 inches off the ground or floor.

## DURABILITY.

The edges project beyond the flat surface of the body of the Henfriend, forming guards of three thicknesses of metal to take the wear all on the edges. They also hold the tank up from the ground to permit of a circulation of air underneath which prevents them from rusting on the bottom.

## PEOPLE BUY THE HENFRIEND

Because it beats anything of the kind that has ever been made. Poultry must have water. Why not try a HENFRIEND?

Made under Letters of Patent of the United States and Canada. Sold by

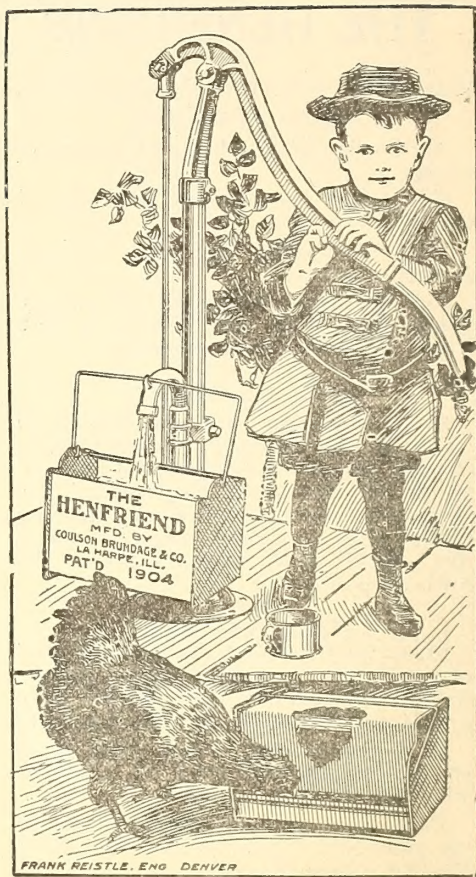
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VEGETABLE, FLOWER AND GRASS SEEDS.


# Schwill's Big Packet Seeds

AT POPULAR PRICES

OUR STOCKS ARE SELECTED WITH GREAT CARE  
ESPECIALLY FOR SOUTHERN PLANTERS



SCHWILL'S  
EXTRA EARLY  
MARKET PEAS



SCHWILL'S  
LARGEST OF ALL  
LETTUCE.



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ONION SETS,  
SEED POTATOES

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