

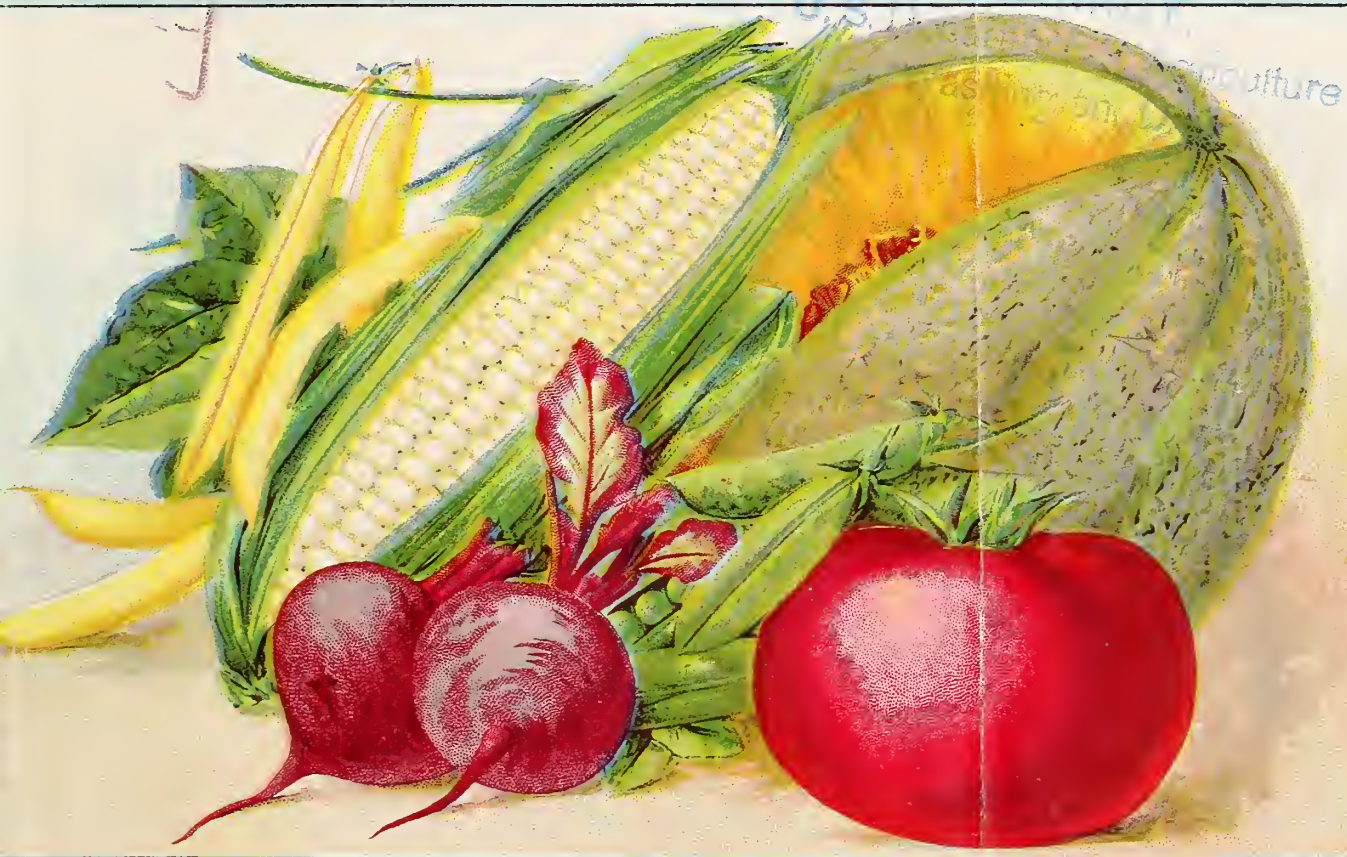
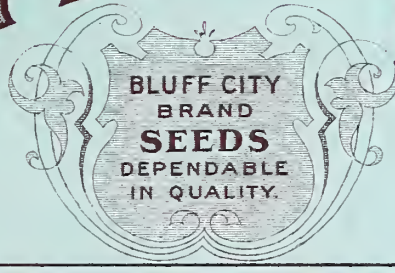
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

43rd Year

SCHWILL'S

Garden ANNUAL FOR 1912



Everything for the Gardener, Farmer,
Poultryman and Beekeeper.

POULTRY
SUPPLIES.

OTTO SCHWILL & Co.,

SEEDSMEN

ESTABLISHED 1869.

No. 10-12
S. FRONT ST.,

WAREHOUSE-KENTUCKY AND GEORGIA AVES.

MEMPHIS, TENN.

OTTO SCHWILL & CO.

Established 1869

SEEDSMEN

Memphis, Tenn.

To Our Friends & Customers :

We take pleasure in presenting you with our Seed Annual for 1912. The steady increase of orders and constant addition to the number of our patrons is a gratifying assurance that our efforts to supply reliable seeds are successful, and are being duly appreciated. It is our aim to furnish our patrons the best seeds that skill and production can secure, and we have lately added to our already extensive business many new features in the way of Insecticide Spraying Machines, Poultry Food, Agricultural Implements, etc.

The importance of planting good seed is the first consideration. Remember, poor seed, poor crops; no matter how great the pains taken in planting or cultivation. Get only the best—we keep them. Commission seeds, or those peddled about the country, are unsatisfactory, and you run risks in buying them. We send out no seeds on commission. Weights and measures guaranteed, and prices as low as those of any other reliable seed house.

We thank you for past orders and favors, and hope to have a share of your future business.

Sales Department and Office, 10-12 S. Front Street
 Shipping Department, 18-20 S. Front Street
 Warehouse and Elevator, Ky. and Ga. Avenues
 Trial Grounds and Farm on Hindman Ferry Road

Very respectfully yours,
OTTO SCHWILL & CO.
 Seedsmen, Established 1869
 Memphis, Tenn.

REMITTANCES

Should be made either in the form of an Express Money Order, Postoffice Money Order, Bank Draft or Registered Letter. Do not send personal checks unless with 10c additional for exchange.

No goods will be sent C. O. D. unless 50 per cent. of the amount accompanies the order. Cash in full must be sent for shipments to be made by mail. We do not open any accounts, so please send remittance to cover goods wanted.

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

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.

DISCOUNTS ON PACKET SEEDS

We sell any 3 5-cent packets of seed for 10c; any 3 10-cent packets of seed for 25c.
 We sell any 8 5-cent packets of seed for 25c; any 7 10-cent packets of seed for 50c.
 We sell any 17 5-cent packets of seed for 50c; any 15 10-cent packets for \$1.00.
 At this special rate we allow no further discount on packet seed.

This offer is on the flat packets only. Same does not apply to Peas, Beans, etc. Our packets are all filled. We do not put up the half-size packets with which the country is flooded—all paper and little or no seed in them. Remember, we pay the postage besides the above low rates.

DISCOUNTS ON SEEDS IN 1/2, 1 AND 2-OUNCE PACKETS

For remittance of \$1.00 you may select seeds in 1/2, 1 and 2-ounce packets only, to the value of \$1.25.
 For remittance of \$2.00 you may select seeds in 1/2, 1 and 2-ounce packets only, to the value of \$2.60.
 For remittance of \$3.00 you may select seeds in 1/2, 1 and 2-ounce packets only, to the value of \$4.00.

Please remember that these discounts apply only to Vegetable and Flower Seeds in 1/2, 1 and 2-ounce packets only, not to seeds in packets by the 1/4, 1/2 and 1 pound, pint or quart, or to the Special Collections.

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, 1912, 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.

OUR GUARANTEE

While we try to grow and procure the best seeds, trees and plants on the market, we give no guarantee, either express or implied. Samples of seeds will be furnished when applied for, and if the seeds are not accepted on these terms, we must be notified at once and seeds returned. If they are kept, it will be taken as proof that they are satisfactory.

ALL CLAIMS

Must be made on receipt of goods. Our responsibility ceases after goods are delivered to transportation company, and we can assume no liability after delivery to railroad company. We will gladly file claims for losses against transportation companies, but will not refill the order, as we sell goods f. o. b. Memphis.

SCHWILL'S STAR COLLECTION

Twelve papers Assorted Flower Seed for only 25 cents. We will send, postpaid, to any address, one paper each of the following Flower 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.

SCHWILL'S BANNER COLLECTION

Twelve packets of Best Garden Seed for only 25 cents, postage paid. One package each of the following varieties:

Beet, Blood Turnip.	Mustard, Southern Giant Curled.
Cabbage, Early Wakefield.	Radish, Early Scarlet Turnip.
Cabbage, Late Flat Dutch.	Squash, Early White Bush.
Collards, Southern.	Tomato, Early Acme.
Cucumber, Long Green.	Turnip, Purple Top Globe.
Lettuce, White Cabbage-head.	
Melon, Water, Florida Favorite.	

These collections are already put up and we make no change from varieties named.

INDEX

Page.	Page.	Page.	Page.
Alfalfa.....48	Farmogerm Bacterin.....46	Millet Seed.....52	Rhubarb Seed and Roots.....1, 34, 71
Asparagus.....1, 11, 71	Flower Seeds.....10, 38, 44	Nasturtium Seed.....41	Strawberry Plants.....71
Bird Cages & Supplies.....66	Fertilizers.....56	Novelties.....7, 10	Soy Beans.....51
Bee Supplies.....63, 65	Fruit Trees.....67, 72	Nursery Dept.....67, 72	Sweet Peas.....14
Books.....15, 65	Garden Seeds.....7, 11, 37	Onion Sets and Seed.....28	Seed Sowers.....62
Baskets.....61	Grass Seeds.....19, 50	Ont Seed.....51	Spray Pumps.....58, 59
Beans, Bush, Pole, 7, 11, 12, 13	Greenhouse Plants.....73, 81	Potatoes, Irish and Sweet, 9, 31, 32	Sorghum Seed.....51
Bulbs.....45	Gold Fish Supplies.....66	Peas, Garden.....29, 30	Tobacco Seed.....36
Canary Birds.....46	Herb Seeds.....23	Peas, Stock.....55	Tools.....60, 62
Corn.....4, 8, 19, 55	Implement.....60, 62	Peanuts.....54	Vegetable Seed.....7, 11, 37
Cotton Seed.....6	Incubators.....100	Planet Jr. Tools.....62	Vegetable Plants.....1
Chicken Feed.....85, 86	Insect Powders, etc.....57	Roses.....73, 81	Wholesale Price List.....2, 3
Clover Seed.....47, 48	Mushroom Spawn.....27		
Farm Seeds.....47, 51, 55	Mangel Beets.....15		

POULTRY SUPPLY DEPARTMENT PAGES 85-100

Cabbage, Tomato, Pepper and Sweet Potato Plants

ASPARAGUS AND RHUBARB ROOTS



Ideal Plant Protector

Protects plants from frost and cold. Most exhaustive tests have proven that the "IDEAL PLANT PROTECTOR" will protect a plant against injury from frost, from rain, from hail and from wind. The protector being made of dry, water and frost-proof cardboard, which protects the plant from rain or hail, and the wire foot being pressed into the ground, on the wind side, and THE COVER CLOSE TO THE GROUND, so that the wind cannot get under, and the covers being cone-shape, the wind only presses it closer to the ground. The "IDEAL PROTECTOR" is made of a heavy cardboard, thoroughly water and rain-proof. The rain does not hurt them. The hail does not hurt them. They are simple, durable and easy to handle. The gardener who uses IDEAL PLANT PROTECTORS can safely sow seed two weeks earlier than usual, as they protect all tender plants, such as Tomato, Pepper, Cucumber, Squash, Egg Plants, etc., from frost. Made in two sizes—No. 10, 10 inches high and 10 inches in diameter, and No. 12, 12 inches high and 12 inches in diameter.

Price No. 10, 25c per doz., \$2.00 per 100, \$15.00 per 1,000.
 Price No. 12, 30c per doz., \$2.25 per 100, \$18.00 per 1,000.
 Special Prices on larger quantities.

Cabbage Plants

We will book your order and ship plants at the proper time.

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

Price, 35c per 100; \$2.50 per 1,000.
 Ready March 10th.

Early Jersey Wakefield	Early Drumhead
Early Summer	Large Late Drumhead
Charleston Wakefield	Large Late Flat Dutch
Early Flat Dutch	Solid South

CAULIFLOWER PLANTS.

Dozen, 20c; 50 for 50c; 100 for 75c.

Ready March 10th.

True Early Snowball	Danish Giant
---------------------	--------------

50c per 100; \$2.00 per 500; \$3.00 per 1,000.

Ready April 15th.

Golden Self Blanching	Hend. White Plume
-----------------------	-------------------

EGG PLANTS.

25c per doz.; \$1.50 per 100.

Ready April 20th.

Black Beauty	New York Imp. Purple
--------------	----------------------

LETTUCE PLANTS.

35c per 100; \$2.50 per 1,000.
 Ready March 10th.

Big Boston	Large White Cabbage Head
Hubbard Market	Deacon Head

PEPPER PLANTS.

25c per doz.; \$1.50 per 100.
 Ready April 20th.

Bell or Bull Nose	Ruby King
Chinese Giant	Long Red Cayenne

TOMATO PLANTS.

Hot Bed Stock, 10c per doz.; 50c per 100; \$4.00 per 1,000.
 Transplanted Stock, 25c per doz.; \$1.00 per 100; \$8.00 per 1,000. Ready March 20th.

Acme	Earlibell
Earliana	Dwarf Stone
Beauty	Ponderosa
Beefsteak	Stone



Palmetto Asparagus.

Asparagus Roots

A saving of one to two years is effected by planting 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. We send them by express only; they are too heavy for mailing.

Palmetto—Strong 2 year roots. Per 50, 75c; per 100, \$1.00; per 1,000, \$6.00. 3 year roots, per 50, \$1.00; per 100, \$1.50; per 1,000, \$10.00.

Conover's Colossal—2 year roots, per 50, 50c; per 100, 75c; per 1,000, \$5.00. 3 year roots, per 50, 75c; per 100, \$1.25; per 1,000, \$8.00.

Free culture directions sent with every order when requested.

Rhubarb Roots

Crimson Winter—This wonderful variety was recently introduced by Mr. Luther Burbank. The stalks are of medium size, well-grown ones averaging 12 to 18 inches in length and about three-fourths of an inch in diameter. 1 year roots, by express, each 15c; doz., \$1.50; 2 year strong roots, by express, each, 25c; doz., \$2.50.

Victoria Rhubarb Roots—Small roots, 60c per doz.; by mail, 10c each; 2 year clumps, each, 20c; \$1.50 per doz.; by express only.

Sweet Potato Plants

25c per 100; \$2.00 per 1,000.

Following Varieties All Ready April 20th.

Genuine Yellow Yam	Southern Queen
Early Strasburg	Yellow Jersey

BUNCH YAM POTATO SLIPS.

35c per 100; \$2.50 per 1,000; \$10.00 per 5,000.

Following Varieties All Ready April 20th.

Spanish Bunch Yam	Bunch Yellow Yam
	Gold Coin Bunch Yam.

New Special Varieties

Early Triumph	100	1.000
Nancy Hall	\$.40	\$2.50
California Wonder	.40	2.50
	1.00	5.00

1912 Market Gardeners' Price List 1912

PRICES SUBJECT TO CHANGE. Some seeds are again in short supply, crops having almost failed, especially Peas, Carrot, Parsley, Mangel and Beets. We, therefore, cannot guarantee to hold these prices. They are subject to change without further notice, and cancel all previous quotations.

These are special prices for truckers and public institutions, or for farmers wanting seeds in bulk and in quantities, and are not subject to any other discount named in our 1912 catalogue.

All quotations on our Market Gardeners' Price List 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. GIVE OUR SEEDS A TRIAL. Market gardeners' trade is our specialty.

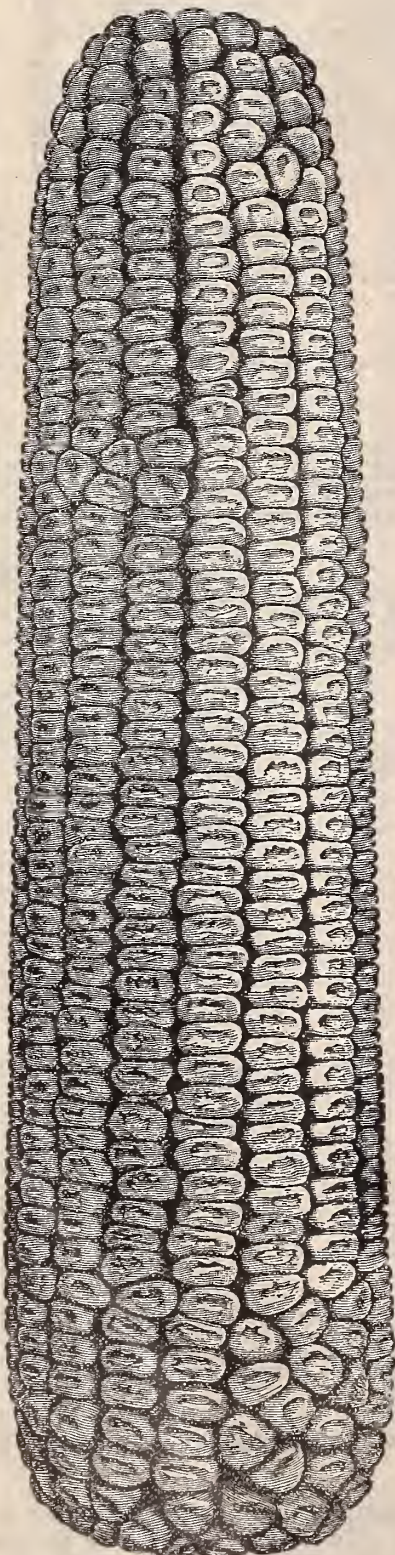
BUSH BEANS—(Green Pod)				4 Qts.	Pk.	Bu.	BEET—(Mangel and Sugar)			
Best of All	\$.70	\$1.25	\$4.25				¼-lb	½-lb.	1-lb.	
Black Valentine	.70	1.25	4.25				Giant Feeding Sugar	\$.15	\$.25	\$.45
Burpee's Stringless Green Pod	.75	1.40	4.75				Golden Tankard Mangel	.15	.25	.45
Early Mohawk	.60	1.10	4.00				Lane's Imperial Sugar	.15	.25	.40
Early Yellow Six Weeks	.50	1.00	4.00				Mammoth Long Red Mangel	.15	.25	.40
Extra Early Refugee	.60	1.15	4.25				Vilmorin's White Sugar	.15	.25	.45
Full Measure	.75	1.40	5.25				CABBAGE.			
Giant Stringless Green Pod	.70	1.25	4.75				All Seasons	¼-lb.	½-lb.	1-lb.
Hopkins' Earliest Valentine	.60	1.15	4.00					\$.50	1.00	\$1.75
Improved Early Red Valentine	.50	1.00	3.50				All Head Early		1.00	1.75
Tennessee Green Pod	.75	1.40	5.00				Charleston Large Wakefield	.50	.80	1.50
White Navy, or Pea Beans	.60	1.15	4.25				Early Jersey Wakefield	.60	1.00	1.80
BUSH BEANS—(Wax Pod)				4 Qts.	Pk.	Bu.	Early Winningstadt	.45	.75	1.50
Currie's Rustproof Wax	\$.60	\$1.15	\$4.50				Early Drumhead	.45	.75	1.40
Davis' Wax	.70	1.25	4.75				Early Flat Dutch	.50	.80	1.50
Flageolet Violet Wax	.75	1.40	5.00				Early Summer	.40	.70	1.35
German, or Black Wax	.60	1.15	4.50				New Volga	.75	1.25	2.50
Golden, or Cream Wax	.60	1.15	4.50				Extra Early Express	.50	.75	1.50
Golden Eyed Wax	.70	1.25	4.75				Danish Ball Head	.60	1.00	2.00
Pencil Pod Wax	.70	1.25	4.50				Large Late Drumhead	.45	.75	1.40
Wardwell's Kidney Wax	.70	1.25	4.50				Large Late Flat Dutch	.45	.70	1.35
BUSH LIMA BEANS.				4 Qts.	Pk.	Bu.	Large Drumhead Savoy	.50	.90	1.75
Burpee's Imp. Bush Lima	\$.125	\$2.25	\$8.00				Solid South	.50	1.00	1.75
Dreer's Bush Lima	1.00	1.90	7.00				Succession	.50	1.00	2.00
Fordhook Bush Lima	1.00	1.90	7.00				Surehead	.50	1.00	2.00
Henderson Bush Lima	.75	1.50	5.75				Schwill's Frost Proof Drumhead	1.00	1.75	3.00
Woods' Prolific Bush Lima	1.00	1.90	7.00				Schwill's Ideal Winter	.50	1.00	1.90
POLE LIMA BEANS.				4 Qts.	Pk.	Bu.	CARROT.			
Dutch Case Knife	\$.75	\$1.25	\$4.50				¼-lb.	½-lb.	1-lb.	
King of the Garden Lima	.75	1.50	5.75				Half Long Danvers	\$.45	\$.90	\$1.70
Large White Lima	.75	1.40	5.50				Improved Long Orange	.45	.90	1.70
Siebert's Early Lima	.75	1.40	5.50				Mammoth Orange	.40	.80	1.50
Schwill's Monstrous Lima	1.00	1.75	6.50				White Belgian	.30	.60	1.15
Carolina Sieve Small Lima	.75	1.40	5.50				Oxheart	.45	.90	1.75
Willow Leaf Lima	1.00	1.75	6.50				CELERY.			
POLE OR RUNNING BEANS.				4 Qts.	Pk.	Bu.	¼-lb.	½-lb.	1-lb.	
Kentucky Wonder, Old Homestead	\$.75	\$1.25	\$4.75				Golden Self Blanching	\$.150	\$3.00	\$5.50
Kentucky Wonder Wax Pod	.90	1.40	5.50				Hend. White Plume	.60	.80	1.50
Lazy Wife Pole	.90	1.40	5.50				Large White Solid	.60	.80	1.50
Horticultural, or Wrenn's Egg	.75	1.25	4.75				COLLARD.			
Red Speckled Cut Short	.75	1.25	4.50				¼-lb.	½-lb.	1-lb.	
Scotia Cornfield	.90	1.75	6.50				Georgia White Cabbage	\$.25	\$.50	\$.80
Southern Creasback	.75	1.25	4.50				North Carolina Buncombe	.40	.75	1.25
Southern Prolific	.75	1.25	4.50				CUCUMBER.			
Tennessee Wonder	.90	1.70	6.50				¼-lb.	½-lb.	1-lb.	
White Seeded Kentucky Wonder	.90	1.40	5.50				Arlington White Spine	\$.20	\$.35	\$.65
ENGLISH PEAS.				4 Qts.	Pk.	Bu.	Davis Perfect	.30	.45	.80
American Wonder	\$.125	\$2.50	\$9.00				Early Cyclone	.20	.35	.70
Alaska	1.25	2.40	8.50				Early Frame	.20	.35	.60
Early May	1.25	2.40	8.25				Early Green Cluster	.20	.35	.65
Fill Basket	1.00	1.75	6.50				Extra Long White Spine	.25	.40	.70
First and Best Extra Early	1.25	2.25	8.50				Early Fortune	.25	.35	.65
Large White Marrowfat	.75	1.25	4.50				Hill's Forcing White Spine	.25	.40	.80
Large Black Eyed Marrowfat	.75	1.25	4.50				Klondyke	.25	.40	.70
McLean's Little Gem	1.25	2.25	8.50				Improved Early White Spine	.25	.40	.70
Schwill's Extra Early Market	1.25	2.50	9.00				Improved Long Green	.25	.40	.75
Telephone	1.50	3.00	11.00				Long Green Turkey	.25	.40	.75
GARDEN CORN.				4 Qts.	Pk.	Bu.	EGG PLANT.			
Adams' Extra Early	\$.50	\$.75	\$2.50				¼-lb.	½-lb.	1-lb.	
Country Gentlemen	.50	.75	2.75				Black Beauty	\$1.00	\$2.00	\$3.50
Early, or Large Adams	.50	.90	2.50				New York Improved Purple	.75	1.50	3.00
Early Premo	.60	.85	3.25				ENDIVE.			
Golden Bantam	.60	1.00	3.50				¼-lb.	½-lb.	1-lb.	
Improved Large Adams	.50	.75	3.00				Large Green Curled	\$.45	\$.75	\$1.50
Mammoth White Cory	.50	.80	3.00				White Curled	.45	.75	1.50
Mammoth Large Sugar	.50	.85	3.25				KALE.			
Queen of the Earlies	1.00	1.50	4.50				¼-lb.	½-lb.	1-lb.	
Peep o' Day	.50	.85	3.25				Dwarf Curled Scotch	\$.20	\$.35	\$.60
Stowell's Evergreen	.50	.75	3.00				Dwarf German Curled	.15	.25	.40
Schwill's Early Surprise	.40	.70	2.25				KOHL-RABI.			
Schwill's Delicious Sugar	.50	.75	3.00				¼-lb.	½-lb.	1-lb.	
Truckers' Favorite	.50	.75	2.50				Early White Vienna	\$.50	\$1.00	\$1.80
BEET.				¼-lb.	½-lb.	1-lb.	LETTUCE.			
Crosby Egyptian	\$.25	\$.50	\$.85				¼-lb.	½-lb.	1-lb.	
Eclipse Blood Turnip	.25	.40	.75				Big Boston	\$.40	\$.60	\$1.00
Early Blood Turnip	.30	.50	1.00				Black Seeded Simpson	.30	.50	.90
Long Blood	.30	.50	.85				Boston Market	.30	.50	.80
Market Gardeners	.35	.60	1.00				California Cream Butter	.30	.50	.90
Detroit Dark Red	.35	.60	1.00				Early White Cabbage Head	.30	.60	1.00
							Deacon Head	.30	.50	.90
							Early Curled Simpson	.30	.60	1.00
							Hubbard Market	.30	.50	.90
							Hanson Head	.30	.50	.90
							May King	.35	.60	1.10
							Mammoth Black Seed Butter	.30	.60	1.00
							Prize Head	.35	.60	1.00
							Passion Improved	.50	.75	1.50
							Schwill's Largest of All	.60	1.00	2.25
							White Summer Cabbage Head	.35	.60	1.00
							Wonderful	.35	.60	1.10

LEEK.	¼-lb.	½-lb.	1-lb.	RADISH.	¼-lb.	½-lb.	1-lb.
Large London Flag.....	\$.40	\$.75	\$1.25	Brightest Long Scarlet.....	\$.15	\$.25	\$.40
American Flag.....	.40	.75	1.25	Crimson Giant.....	.15	.25	.40
				Chartier or Shepard.....	.15	.25	.40
				Cincinnati Market.....	.15	.25	.45
				Chinese Rose Winter.....	.15	.25	.40
MELON (CANTALOUPE).	¼-lb.	½-lb.	1-lb.	Early Scarlet Turnip.....	.15	.25	.40
Baltimore or Acme.....	\$.20	\$.40	\$.75	Early Scarlet Turnip, White Tip....	.15	.25	.40
Burrell Gem.....	.30	.50	.80	Early White Turnip.....	.15	.25	.45
Extra Early Hackensack.....	.20	.35	.60	Early Long Scarlet, Short Top.....	.15	.20	.35
Emerald Gem.....	.30	.50	1.00	French Breakfast.....	.15	.25	.45
Early Nettle Gem.....	.20	.35	.60	Half Long Scarlet.....	.15	.25	.45
Large Hackensack.....	.20	.35	.60	Icicle.....	.15	.25	.45
Improved Large Baltimore.....	.30	.50	1.00	Long Black Spanish.....	.15	.25	.45
Miller's Cream.....	.25	.40	.75	Long White Vienna.....	.15	.25	.40
Prolific Nettle Nutmeg.....	.20	.35	.70	Non Plus Ultra Forcing.....	.20	.30	.50
Rocky Ford.....	.20	.35	.60	Perfection White Tipped.....	.25	.40	.60
Select Ebbett's Rocky Ford.....	.30	.50	.90	Rosy Gem.....	.15	.25	.40
St. Louis Market.....	.30	.50	.90	Round Scarlet China.....	.15	.25	.50
Tip Top Nutmeg.....	.35	.60	1.10	Round Black Spanish.....	.15	.20	.35
				Schwill's Superb Mixture.....	.15	.25	.45
				White Strasburg.....	.15	.25	.45
				Yellow Summer.....	.15	.25	.40
MELON (WATER)	¼-lb.	½-lb.	1-lb.	RUTA BAGA.	½-lb.	1-lb.	5-lbs.
Angel Kiss.....	\$.35	\$.60	\$1.00	Finest Yellow.....	\$.20	\$.40	\$1.75
Alabama Sweets.....	.20	.35	.60	Monarch Purple Top.....	.20	.35	1.50
Black Diamond.....	.15	.25	.40	Improved Purple Top Yellow.....	.20	.35	1.50
Bradford.....	.20	.35	.70	Sweet German.....	.20	.35	1.50
Branch's Superb Rattlesnake.....	.25	.50	.90				
Cole's Early.....	.20	.30	.60	SALSIFY.	¼-lb.	½-lb.	1-lb.
Cuban Queen.....	.20	.30	.50	Mammoth Sandwich Island.....	\$.30	\$.50	\$.90
Dixie.....	.15	.25	.40				
Florida Favorite.....	.20	.30	.50				
Girardeau's Imp. Favorite.....	.25	.35	.65	SQUASH.	¼-lb.	½-lb.	1-lb.
Georgia Rattlesnake.....	.15	.25	.40	Early White Bush Patty Pan.....	\$.15	\$.25	\$.50
Harris' Earliest.....	.15	.25	.45	Golden Custard.....	.20	.30	.55
Halbert Honey.....	.20	.30	.60	Giant Yellow Crookneck.....	.20	.35	.65
Jordan's Gray Monarch.....	.20	.30	.50	Mammoth White Bush.....	.20	.35	.60
Kolb Gem.....	.15	.25	.40	Yellow Summer Crookneck.....	.15	.25	.50
Kleckley Sweets.....	.25	.40	.75				
Mammoth Ironclad.....	.15	.25	.50	SPINACH.	1-lb.	5-lbs.	25-lbs.
Mountain Sweet.....	.15	.25	.50	Bloomdale Curled Savoy.....	\$.25	\$1.00	\$4.00
Phinney's Early.....	.15	.25	.50	Broad Leaved Flanders.....	.25	1.00	4.25
Peerless.....	.15	.25	.40	Long Standing.....	.25	1.00	4.25
Seminole.....	.15	.25	.50	Victoria Dark Green.....	.30	1.00	4.50
Sweetheart.....	.15	.25	.40				
Tom Watson.....	.25	.50	.80	TOMATO	¼-lb.	½-lb.	1-lb.
Triumph.....	.15	.25	.40	Acme.....	\$.50	\$.75	\$1.50
				Beauty.....	.50	.75	1.50
MUSTARD.	¼-lb.	½-lb.	1-lb.	Baltimore Queen.....	.60	1.00	2.00
Chinese Mammoth.....	\$.15	\$.25	\$.40	Beefsteak.....	1.00	2.00	3.50
Elephant Ear.....	.25	.40	.70	Chalk's Early Jewel.....	.60	1.00	2.50
Fordhook Fancy.....	.15	.25	.40	Crimson Cushion.....	.90	1.50	3.00
Southern Giant Curled.....	.15	.25	.35	Dwarf Stone.....	.75	1.25	2.25
				Earliana.....	.60	1.00	2.00
OKRA.	¼-lb.	½-lb.	1-lb.	Earlibell.....	.75	1.25	2.50
Early Dwarf Green.....	\$.15	\$.25	\$.40	Early Detroit.....	1.00	1.50	3.00
Tall or Long Green.....	.15	.25	.40	Imperial.....	.60	1.00	2.00
White Velvet.....	.15	.25	.40	Matchless.....	.60	1.00	1.75
				Perfection.....	.45	.70	1.40
ONION.	¼-lb.	½-lb.	1-lb.	Ponderosa.....	.90	1.75	3.25
Australian Brown.....	\$.40	\$.70	\$1.25	Royal Red.....	.55	.90	1.75
Large Red Wethersfield.....	.30	.50	1.00	Stone.....	.50	.75	1.40
Large Red Globe.....	.30	.60	1.10	Trophy.....	.50	.75	1.50
Prizetaker.....	.35	.70	1.25	Truckers' Favorite.....	.60	1.00	1.60
Southport White Globe.....	.40	.90	1.75				
White Silver Skin.....	.40	.90	1.75	TURNIP—(White Flesh Varieties).	½-lb.	1-lb.	5-lbs.
Yellow Globe Danvers.....	.30	.50	.90	American Red Top White Globe.....	\$.25	\$.50	\$2.00
				Extra Early White Milan.....	.45	.85	4.00
PARSLEY.	¼-lb.	½-lb.	1-lb.	Extra Early Purple Top Milan.....	.40	.75	3.50
Double Curled.....	\$.40	\$.75	\$1.40	Early White Flat Dutch.....	.20	.35	1.50
Plain or Single.....	.20	.35	.60	Extra Early White Egg.....	.20	.40	1.75
				Large White Globe.....	.20	.35	1.50
PARSNIP.	¼-lb.	½-lb.	1-lb.	Large White Norfolk.....	.20	.35	1.50
Sugar Hollow Crown.....	\$.30	\$.50	\$.90	Mammoth Purple Top Globe.....	.20	.40	1.75
				Red or Purple Top Strap Leaf.....	.20	.35	1.50
PEPPER.	¼-lb.	½-lb.	1-lb.	Seven Top.....	.25	.40	1.75
Bell or Bull Nose.....	\$.50	\$1.00	\$1.75	Schwill's Superb Mixed.....	.20	.35	1.50
Chinese Giant.....	1.00	2.00	3.25				
Long Red Cayenne.....	.50	1.00	1.75	TURNIP—(Yellow Flesh Varieties)	½-lb.	1-lb.	5-lbs.
Ruby King.....	.50	1.00	1.75	Large Amber Globe.....	\$.20	\$.35	\$1.50
Crimson Giant.....	1.00	2.00	3.50	Yellow Aberdeen Purple Top.....	.20	.35	1.50
				Yellow Aberdeen Green Top.....	.20	.35	1.50
PUMPKIN.	¼-lb.	½-lb.	1-lb.				
Connecticut Field.....	\$.15	\$.25	\$.35				
Cushaw Striped.....	.20	.35	.65				
Cushaw Golden.....	.20	.35	.65				
Japanese Pie.....	.20	.35	.65				
Kentucky Yellow Field.....	.15	.25	.35				
Tennessee Sweet Potato.....	.20	.35	.65				

Ask for special prices on Seed Potatoes and Onion Sets. Will take pleasure in quoting. State quantity and variety you want.

At prices quoted on this bulk list there are no further discounts or premiums. We have made everything at close figures, which are net f. o. b. Memphis for shipment by express or freight, at purchaser's expense. We make prompt shipment of all orders. Plant Bluff City Seeds. They bring results; are true to name.

Seed Corn



Schwill's Prize Medal Corn.

CORN IS KING AND THE RAISING OF CORN IS SCIENCE.

Start right by planting seed that will grow and varieties that will produce the largest yield and biggest crops. Every ear a thoroughbred; every kernel a live one and every grain the same size. The farmer who will follow our advice on this point in the beginning of his crop will find it a wealth producer, and nuggets of gold at harvest time.

Schwill's Prize Medal Corn

THE LARGEST CORN GROWN; AN ABSOLUTELY NEW TYPE.

This enormous white corn, that was introduced last year, has proven the greatest winner in seed corn that has been sent out.

ACCLIMATED SEED CORN.

Prize Medal is Tennessee grown; therefore, will make a better crop than any Northern variety. We have always been partial to seed corn grown in the South. If you want a corn to win prizes with at the fairs, get some of this stock.

The farmers in this part of the country are getting tired of the little eight or nine-inch ears, with pretty tips and wee cob. What they want is a whacking big ear a foot long and a big stalk.

Description—A pure white corn of immense size and unusual length. Bulk of crop on good land will run 12 to 14 inches, with occasional specimens 15 inches long. Grain deep, $\frac{3}{8}$ inches, very wide and thick, purest white, strong germ, 14 and 16 rows to the ear, straight and smooth; cob pure white, medium shape, cylindrical, with butt end slightly swelled. Season about 110 days. Stock strong and heavy, a picture to look at. Stands up well; practically no down corn.

This fine corn originated on Tennessee river, and has been selected and bred up to a certain type for 15 or 20 years. You have never seen or heard of any corn like it anywhere, and you will find it entirely distinct from other varieties. It is new blood. Think of it, 40 ordinary ears of Prize Medal Corn will make a bushel.

Send us a trial order, and if you are not satisfied with it, ship it back to us and we will refund your money. Price of Prize Medal Seed Corn as follows: Large pkt., 10c; pt., 20c; qt., 35c, postage paid. By express, qt., 25c; 4 qts., 60c; pk., \$1.00; bu., \$3.00; 4 bu., \$10.00.

Square Deal Corn

A most highly improved thoroughbred corn; ears are about a foot long, small cob, 14 to 18 rows pure white, flinty kernels about $\frac{3}{4}$ inch long, nearly $\frac{1}{2}$ inch wide, 1-6 inch thick, weighs 60 pounds to measured bushel, shelling $6\frac{1}{2}$ to 7 bushels to every ten in ear; stands drouth or wet remarkably well, medium height stalk, ears low, 2 ears to stalk. Per qt., 50c; postage paid. By freight, 4 qts., 75; pk., \$1.25; bu., \$4.00.

Batts' Four-Ear Prolific Corn

We consider Batts' Four-Ear Prolific a splendid variety. The grain is white, flinty, rather short and broad, good size ears, 8 to 10 inches long, and fills out well. It is undoubtedly the highest developed type of this class of corn that can be grown, making a new opening for the corn growing industry in this Southern country. Qt., 40c; postage paid. By freight, 4 qts., 50c; pk., 75c; bu., \$2.50.

Shaw's Prolific

Is a highly bred variety of white corn of extra large size, containing a high percentage of oil. In many places it is a great favorite with some. The ears are from 8 to 11 inches long, $7\frac{1}{2}$ to $8\frac{1}{2}$ inches in circumference, containing 18 to 24 rows, weighing from 12 to 18 ounces. Per qt., 40c; postage paid. By freight, 4 qts., 50c; pk., 75c; bu., \$2.50.

Cash Corn

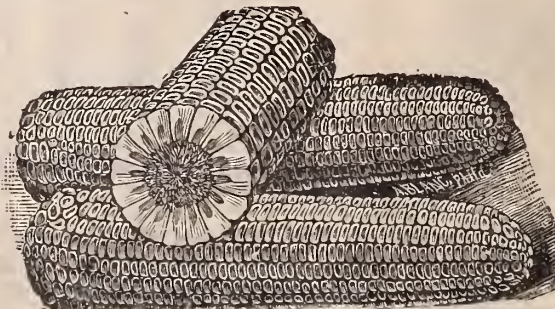
This splendid new corn comes from one of our Mississippi friends in Lafayette county, and is highly recommended. A thoroughbred variety of field corn. Maturing early, it can be planted as late as June 30, and will mature a full crop. Stalks grow tall and produce from two to four medium sized ears each. 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, 4 qts., 75c; pk., \$1.25; bu., \$4.00.

Mosby's Prolific

An improved prolific corn, which has given splendid results. Pure white, very small white cob and deep, full grain; neither very hard nor very soft. Produces an average of two or three good-sized ears to the stalk. By mail, qt., 35c; postage paid. By express, pk., 75c; bu., \$2.25.

North Carolina White Prolific

A fine variety of white field corn. It is very hardy and can be planted very early, as well as late. Qt., 35c; postage paid. By express, pk., 75c; bu., \$2.25.



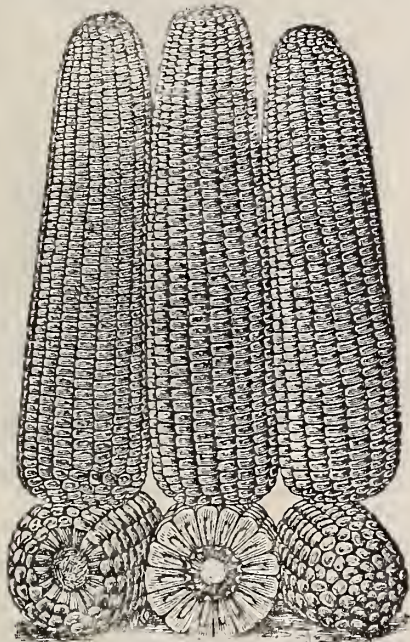
Batts' Four-Ear Prolific Corn.

Seed Corn

Brazilian or Stooling Flour Corn—A grand stooling sort, and each kernel produces several stalks, and each stalk bears two to three beautiful white ears, which makes a flour. Pkt., 10c; qt., 35c, postage paid. By freight, 4 qts., 75c; pk., \$1.25; bu., \$4.00.

Mexican June Seed Corn

A pure white corn of excellent quality and flavor; the ear is medium size, with a husk so closely adhering as to be practically worm and weevil-proof. The usual length of the ear is about 8 inches; well developed stalks will generally produce two or more ears. The stalk is rather short, seldom growing more than 7 feet high. The roots run deep and spread, so that it is a splendid drouth resister. Can be planted any time from April 1 to July 20 in this section and make good crop. Can be planted after an oat crop, or where other crops have failed, and mature before frost. Its germinating power is great, and consequently it will make a stand even in dry weather. This corn has produced splendid crops in Tennessee and Mississippi, and we advise our customers to plant largely of this variety. Qt., 40c; postage paid. By express, ½ pk., 50c; pk., 75c; bu., \$2.50.



Mexican June Corn.

Schwil's Ninety-Day Early Yellow Corn—A standard variety of yellow corn; quick maturing and large yielding. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.35.

Improved Yellow Leaming—90 Days—Ears large and handsome, with deep, small grains; orange yellow color. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.50.

Iowa Gold Mine—Large ears; grains a bright golden yellow; always sound and plump; matures in 90 days. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.50.

ENSILAGE AND FODDER CORN.

Red Cob White Ensilage—Broad, dark green leaves; heavy tall stalks, for ensilage; the very best sort. Pk., 50c; bu., \$1.70.

Evergreen Sweet Fodder Corn—Stalks are very sweet, rich and tender, producing the best fodder. Prices: ½ pk., 35c; pk., 60c; bu. (measured), \$2.00.

POP CORN.

White Rice—Very easily popped and very sweet, tender and white; the best for market.

White Pearl—A fine variety; clear white and productive.

Queen's Golden—A beautiful golden color; pops large.

Red Beauty—A new variety; fine flavor; pops well.

Price for any kind of Pop Corn, postage paid: 2 pkts., 5c; ½ lb., 15c; 1 lb., 25c. Not prepaid, 1 lb., 15c; 5 lbs., 60c; 10 lbs., 85c.

Strawberry Hickory King

An extraordinary fine type of the famous Hickory King, with red striped grains. Broad, deep grains on a small cob, larger ears than the White Hickory King. The immense broad striped grains make a beautiful show. All good, sound grains; you seldom find a bad one in the Strawberry Hickory King, and besides it is the best corn in the world for poor and thin land. Order early, stock limited this season. Qt., 50c; postage paid. By express or freight, 4 qts., 75c; pk., \$1.25; bu., \$4.00.

Schwil's Ninety-Day Early White Corn—One of the earliest. Planted on or about March 20, it will be ready to gather by July 1. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.50.

Schwil's Early Surprise—A good, early white field corn. Planted about the middle of March, it will mature about the 1st of July. Early Surprise 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. Qt., 35c; postage paid. By freight, 4 qts., 50c; pk., 75c; bu., \$2.25.



NEW BRAZILIAN FLOUR CORN

Hickory King—100 days. The cob is so small and the grain is so large that when an ear is broken in half one grain will cover the entire end of the cob. Nearly all of the stalks bear two ears, and we consider it one of the best white corns grown. Qt., 35c; postage paid. By freight, pk., 75c; bu., \$2.50.

Iowa Silver Mine—A heavy yielding, large white corn; matures in about 90 days. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.50.

Clark County Champion—A fine early 90-day white corn; quite a favorite with our growers. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.75.

Champion White Pearl—A thoroughbred, pure 90-day white corn; long ear and heavy yielder. Ears 12 inches long and average one pound in weight. Qt., 30c; postage paid. By freight, pk., 50c; bu., \$1.50.

Tennessee Red Cob White—A large-eared, red cob corn; grain deep and large; a fine Southern grown variety. Qt., 35c; postage paid. By freight, pk., 60c; bu., \$1.60.

Golden Surprise—This splendid yellow corn is one of the best and most reliable cropping yellow corns in cultivation. It makes a large sized ear, small cob; deep grains, which are of a bright, attractive golden yellow color. Produces two to three ears to the stalk. Qt., 35c; postage paid. By freight, 4 qts., 50c; pk., 70c; bu., \$2.00.

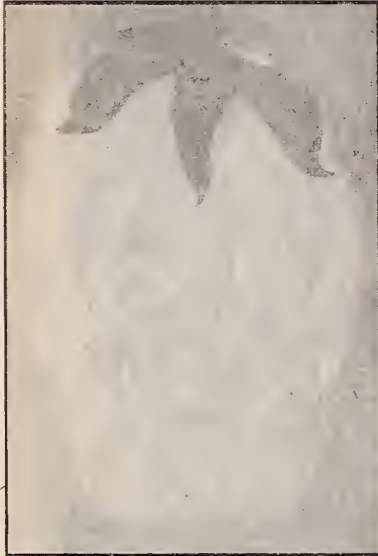
Australian White Flint Corn—The greatest of all flint varieties. It is especially adapted for thin lands. The earliest in maturing. Ears are of unusual length, 12 to 15 inches, smooth and symmetrical in shape, and of a flinty white color. Stalks have three to four ears each. A most desirable variety. Pkt., 10c; qt., 35c; postage paid. By freight or express, not prepaid, qt., 25c; 4 qts., 50c; pk., 75c; bu., \$2.50.

SEEDS POSTPAID BY MAIL

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.

Cotton Seed

Change Your Seed



Cleveland's Early
Big Boll Cotton.

It is just as necessary to change your planting seed as it is to change seed of Potatoes or Corn. 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 almost degenerate, but likely to be infected with disease.

Simpkins' Early Prolific Cotton

Especially adapted on account of its earliness to all boll weevil sections. It is earlier than any other—90 days from planting to boll—more prolific, having produced as much as three bales per acre, and gives more lint, averaging 40 per cent. The best is none too good for you, and it will yield you a larger per cent. on the investment than anything in the world. It will produce from 100 to 500 pounds of seed cotton per acre more than any other. We can supply Simpkins' Prolific in original bags, with originator's signature and red lettered trade mark. **Pk., 50c; bu., \$1.35; 10 bu., \$12.50.**

Triumph—Early big boll. Plant strong and thrifty, 5-locked, opening wide and easy to pick; seeds medium size, fuzzy or tufted, well covered; lint white, one inch to 1½ inches long and of good quality; percentage of lint 37 to 40, season of maturity medium early. **Pk., 50c; bu., \$1.40; 5 bu., \$6.50.**

King's Improved—Owing to its peculiar branching habit it is a very prolific variety. With its small seed will give more lint than any other sort; extra early and can be planted as late as July 1; will mature good crop. One of the best for boll weevil sections. **Pk., 50c; bu., \$1.25; 10 bu., \$11.00.**

Florodora Long Staple—Rapid, vigorous growth, branching freely and fruiting heavily; fine silky lint, staple will average 1½ inches long; succeeds well in this section. **Pk., 50c; bu., \$1.50; 5 bu., \$7.00.**

Columbia Big Boll—A long staple upland variety. Early prolific; bolls large, opening very wide, mainly five-locked; seeds large, fuzzy, white or greenish; lint very strong, from 1 7-16 to 1 3-8 inches in length. **Pk., 75c; bu., \$2.50; 5 bu., \$10.00.**



Christopher's Improved Big Boll Cotton.

Christopher's Improved Big Boll Cotton

The product of 25 years' careful selecting and breeding; large and vigorous grower, having good foliage, long tap root, withstanding droughts. Two to four large limbs put out at bottom of stalk, the large limbs and main stalk having short limbs and making 3 to 5 bolls to limb. Bolls are very large, forty of them making one pound seed cotton, 5 to 7 locks to the cluster; seed cotton about 40 per cent. lint, easily picked, yet having enough blue to prevent falling out; medium seed and white to brown. It is conceded by all who know it to be the best field crop known, having produced four bales to the acre; two good pickers having picked a bale a day. It produces more to the acre than any other cotton known, and you can gather it; staple very strong and about 1 1-16 inches in Georgia. **Pk., 75c; bu., \$2.50; 5 bu., \$11.25; 10 bu., \$20.00.**

Hastings' Sure Crop—A sure and dependable money maker, large bolls, 4 to 5 lock, fruits almost as early as King. It is good for either dry or wet season. Turns out 30 to 38 per cent. lint even on fair ground. The lint will run 1 1-4 inches. **Pk., 75c; bu., \$1.75; 10 bu., \$15.00.**

Mortgage Lifter—Medium early, large bolls, very productive, medium staple, easily picked, but holds well in the boll. A wonderful resister of dry weather. A splendid variety that will give you big results. **Pk., 75c; bu., \$1.75; 10 bu., \$15.00.**

Cleveland Early Big Boll—Plant vigorous, thrifty, with low, close-jointed basal fruit limbs; large bolls, easily picked; medium sized seed, grayish to greenish; 34 to 38 per cent. lint, 1 1-8 to 1 1-4 inches long, fine and strong. Earliest and most prolific at experimental stations. Especially recommended for sections where boll weevil is present. **Pk., 50c; bu., \$1.25; 5 bu., \$6.00.**

Excelsior Prolific—For boll weevil section. Early and prolific, tall grower, long tap root, resisting drought; from 2 to 4 limbs near the surface, branching; 2 short limbs together all the way up to the top, all literally covered with bolls. **Pk., 50c; bu., \$1.25; 5 bu., \$5.75.**

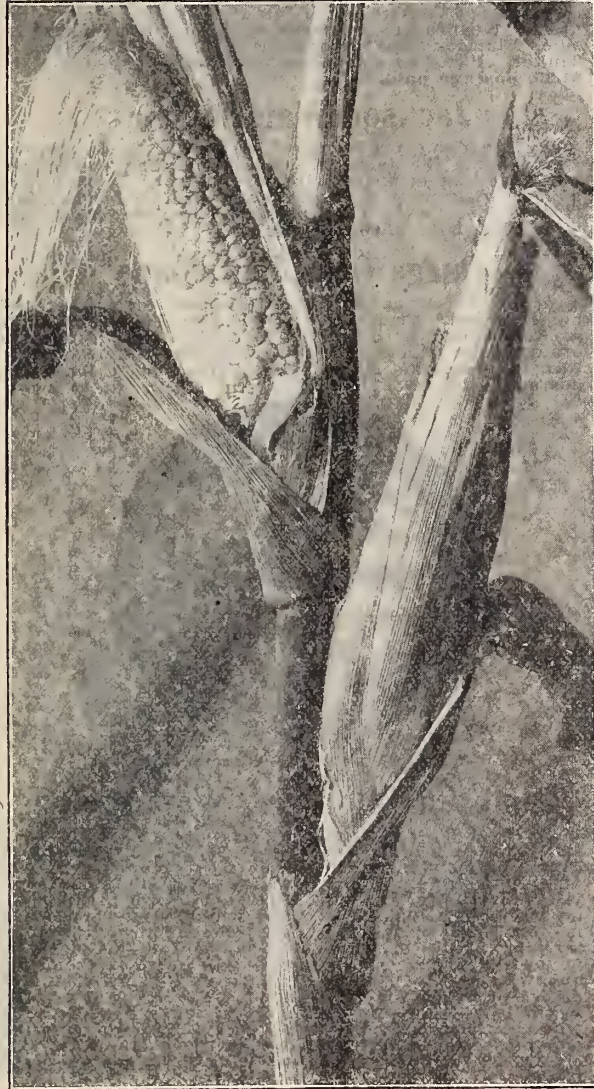
All Seeds sold at 5c per packet, or 3 for 10c, unless otherwise noted

Schwill's Novelties and Specialties for 1912

NEW VARIETIES—In the following pages will be found such new varieties as we have found to be worthy of general cultivation.

"Full Measure Green Pod" Bush Beans

A stringless round green podded Bush Bean. A new variety of main crop season that fills a long-felt want for a stringless and green podded bean. Somewhat later than Stringless Green Pod; planted with that variety, it yields a crop which will come in later in succession with that sort. The round podded green bean is much preferred by planters over a flat pod sort. The vines of this variety are strong and very productive; the pods are perfectly round, about five inches long, quite straight, entirely stringless and of the best flavor, tender and firm. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c; postage paid. By express or freight, 1 qt., 30c.**



Morse's Golden Cream Sweet Corn.

Sure Crop Stringless Wax Bush Beans

We consider this the finest of the new varieties. It should be included in every order. Very productive. Pods are long, round, very crisp, tender, entirely stringless and of excellent quality. It matures as early as any variety in existence. **Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c; postage paid. By express, 1 qt., 30c; 4 qts., \$1.00; pk., \$1.75.**

Tennessee Wonder Pole Beans

The pods are very large, thick and meaty, absolutely stringless, brittle and tender, and of excellent flavor. **Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c; postage paid. By freight, qt., 35c.**

Willow Leaf Pole Butter Beans

You will get the best, most productive variety in Butter Beans if you plant Willow Leaf. Beans pure white, good size; vines have small leaf, resembling a willow tree, and are always full of fine beans. We were fortunate in finding this stock again, as it was almost extinct for several years. Do not fail to include a few in your order this season. **Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c; postage paid. By express, qt., 35c.**

Morse's Golden Cream Sweet Corn

Morse's Golden Cream is a very early, yellow Country Gentleman Sweet Corn. The kernels are long and pointed, the cob is very slender and the whole ear about as long as Golden Bantam. The flavor is remarkable—in fact, very much the same as Golden Bantam. The habit of growth is rather dwarf, and the stalks bear two to four ears. The stalks are brownish red and the silk is also brown at the tips. **Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 60c; postage paid. By express, qt., 50c; 4 qts., \$1.50; pk., \$2.50.**

Danish Summerhead Cabbage

Large early sort, white and very solid. Produces fine ball-shaped heads and combines large size and earliness as no other early cabbage does. A fine market sort. Best of all. **Pkt., 5c; oz., 35c; ¼ lb., \$1.00; 1 lb., \$3.00.**

Copenhagen Market Cabbage

A flat headed sort as early as Jersey Wakefield. We take great pride in offering this extra good, new Cabbage to our customers. It is now possible to have large, flat heads, with their characteristic fine quality, just as early as the pointed heads, which have heretofore been all that we could get in the early part of the summer. It makes a much more solid head than Wakefield and greatly excels in tenderness and whiteness. It can safely be planted as close as Wakefield and is not surpassed in reliability to head. **Pkt., 10c; ½ oz., 50c; oz., \$1.00; 2 oz., \$1.75; ¼ lb., \$3.25; postage paid.**

Schwill's Frost-Proof Drumhead Cabbage

A sort which stands out in the open fields all winter without the slightest protection. It is by far the hardest 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., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 85c; ¼ lb., \$1.25; postage paid.**



Copenhagen Market Cabbage.

Isbell's Queen of Earlies Sweet Corn

A genuine sweet corn, extra early and as large as some of the second earlies. It has proved itself one of the most valuable varieties ever introduced. Grain wide and deep, tender, sweet and juicy. **Pkt., 10c; pt., 25c; qt., 50c; postage paid. By express, 4 qts., \$1.00; pk., \$1.50.**

CASH WITH ORDER.

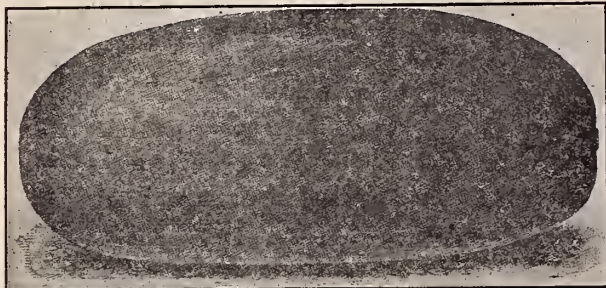
Please send money with the order sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect on Delivery" unless remittances are made on account to guarantee acceptance. Our terms are cash; we do not open any accounts. Our Fruit Trees are Extra Good. Send us an order and see the difference over the usual stock furnished by nursery agents.



Burrell Gem Cantaloupe.

Burrell Gem Cantaloupe

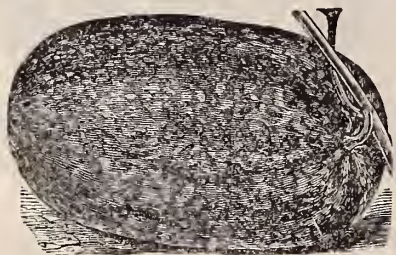
The new Rocky Ford Melon with golden meat. An ideal market melon, meat of a reddish orange, very thick, fine grained and spicy. Seed cavity small, average weight 2¼ pounds, length 6 inches, and the thickness 4½ inches; has a tough, thin rind, well arched, ribs covered with a closely laced and interlaced gray netting. It has a delicious flavor, is different from the others, has golden meat and lots of it. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postage paid.



Tom Watson Watermelon.

"Tom Watson" Watermelon

The Tom Watson Melon has in three years' time become one of the most popular of all shipping melons. A typical fruit, is two feet long and a foot thick; the rind is dark mottled green, thin but tough enough to stand a long distance shipment. The flesh is deep red, of the finest luscious quality and is therefore a most desirable variety for the home garden. The seed is brown with white tips. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.



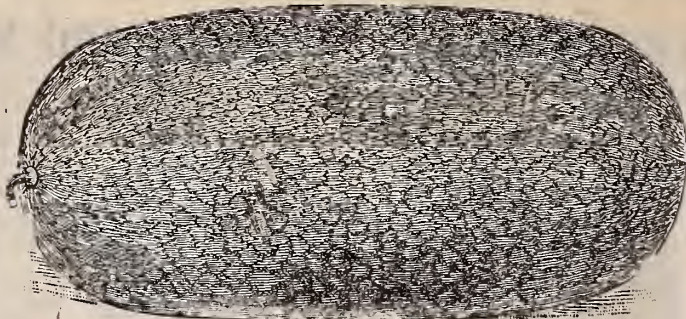
Angel Kiss Watermelon.

Angel Kiss Watermelon

One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and nearly white in color; handsome and attractive. The flesh is the sweetest, tenderest and the very deepest crimson we have ever seen in a melon. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Temple Gray Watermelon

One of the best melons, either for market or home use. Attains a larger size than any of the long, dark green melons, frequently growing fifty pounds in weight. Will stand shipping fairly well, is of extra fine appearance and unsurpassed quality. Flesh tender, firm and very sweet and luscious. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.



Temple Gray Watermelon.

Tinker Watermelon

A melon strictly for home use and nearby markets. Sweetest of all melons, having a distinct honey-like taste. We first discovered this melon near St. Augustine, Florida, and introduced it under the name of Tinker. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Jackson Watermelon

If asked to name the sweetest melon for home use, we would name the Jackson. Other kinds may be larger, but none can compare with it in flavor. It is a long melon, with mottled green skin, firm red meat and ripens close to the rind. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

Osage Gem Cantaloupe

One of the most popular varieties, both for market and home garden. Fruits are of good size, the skin is dark green, banded with lighter streaks. The flesh is of orange color, thick, firm and exceptionally fine quality. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.



Landreth's Bonfire Watermelon.

Landreth's Bon Fire Watermelon

Seventy-five days. Attractive beyond description. Entirely novel in the melon line. The rind is a black green, both green and white part being only a quarter of an inch thick. Just beneath the skin the interior is of an intense scarlet color of a uniform brilliancy—no white meat—and the color, which we term scarlet, is of a most dazzling effect. The meat, without an interior break or crack, is crystalline, delicious in flavor and produces exclamations of surprise from any one who sees one of the melons cut. This sort is a native of South America, and is an entirely new form, as indicated by the arrangement of the seeds, and while rather small, the flesh for brilliancy of coloring and perfection of interior sweeps the deck. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.00, postage paid.

Oh, My! Watermelon

One of the very sweetest of all the melons. Grows to a medium size; always of good shape; has mottled rind; flesh red; seeds white; is very tender fleshed; a most excellent sort for home or market. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Landreth's Pink Heart Collard

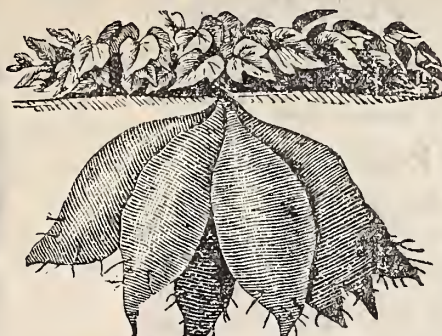
Never yet offered by any one but Landreth. Lower leaves green, veins bone-white, inside leaves ivory white, heart leaves pink and purple. Absolutely unique. Worthy of culture in the best garden by reason of its peculiar markings, and also by reason of its delicious quality, being the most tender of all Collards, almost equal to Cauliflower. Very choice. Try it and be convinced. Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 70c, postage paid.



Ruby Giant Pepper.

California Yam Seed Sweet Potato

A new variety and the best we have ever tested. After a careful trial we can safely say it is something of real merit. As one of our hands said, "It's as sweet as honey," which is a fact. The tubers are long, bright yellow, flesh a golden deep yellow, darker than any other variety, cooks soft and is exceedingly sweet and juicy. It does not cook dry like many of the new sorts, such as the Gold Coin. It is by far the most desirable variety that we have ever grown. Vines are long and heavy; the plants should be set 15 inches apart in four-foot rows. Take our advice and don't miss getting a start of the new California Wonder Sweet Potato. Our supply is limited. Orders for potatoes booked now will be shipped April 1st, not sooner. Orders booked for plants will be shipped May 25th, not sooner. Price of seed, 1 lb., 50c, postage paid. By express, 1/2 pk., \$1.00; pk., \$1.50; bu., \$4.00. Price of Plants, 12 for 50c, postage paid. By express, 25 for 50c; 100 for \$1.00; 500 for \$3.00; 1,000 for \$5.00.



California Yam Sweet Potatoes.



Kleckley's Favorite Okra.

Ruby Giant Pepper

The earliest of the large Peppers. Of good shape and mild flavor. Another of recent introduction. Claimed by the introducer to outyield the famous Chinese Giant, which it resembles in shape; more uniform in size and fully as large. Flesh is thick and sweet. We have seed grown from the introducer's stock. Pkt., 10c; 1/2 oz., 25c; oz., 50c; 2 oz., 80c; 1/4 lb., \$1.50, postage paid.

Schwill's Perfection White Tip Radish

This is an improved strain of the Scarlet Turnip White Tip Radish. Many of the strains of the White Tip Radish show but little white, all being red; but in our Perfection White Tip nearly one-half of the lower part of the Radish is a beautiful waxy white. The upper part of the Radish being a bright scarlet, and with very small tops, will make them exceedingly desirable for forcing. As a market garden strain this will excel all others of the White Tip sorts. Pkt., 5c; oz., 15c; 2 oz., 20c; 1/4 lb., 30c; 1 lb., 75c, postage paid.

Jersey Lily Turnip

Very early. Globular in form, very showy and desirable; pure white, solid, quick in growth; matures in 60 days. Pkt., 5c; oz., 10c; 2 oz., 15c; 1/4 lb., 25c; 1 lb., 75c, postage paid.



Schwill's Perfection White Tipped Radish.

Elephant Ear Mustard

A single plant fills a bushel basket; leaves tender at all times; it's a cook's delight to get hold of such an easy dish to prepare. Your garden won't be complete unless you try some of this new mustard green. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; 1/4 lb., 35c; 1 lb., 85c, postage paid.

Kleckley's Favorite Okra

One of the earliest and most productive of all Okras. It is a cross between the Tall Growing and the Winter Velvet varieties; commencing to bear when 6 inches high, producing a pod at the stem of each leaf, and continues bearing until the plant reaches its maximum height, 7 feet. Pods are light green, nearly round and smooth. Pkt., 5c; oz., 15c; 2 oz., 25c; 1/4 lb., 35c; 1 lb., \$1.00, postage paid.



Denaife's Butter Head Lettuce.

Denaife's Butterhead Lettuce

One of the best of the "Butter Head" varieties. Heads medium to large, round and compact, the broad pale green leaves, blanched golden yellow at the center, are crisp and tender and of a delicious buttery flavor. Slow to run to seed and a great heat resister. Pkt., 10c; 1/2 oz., 25c; oz., 40c; 2 oz., 70c; 1/4 lb., \$1.25, postage paid.

OUR LIST OF VEGETABLE SEEDS

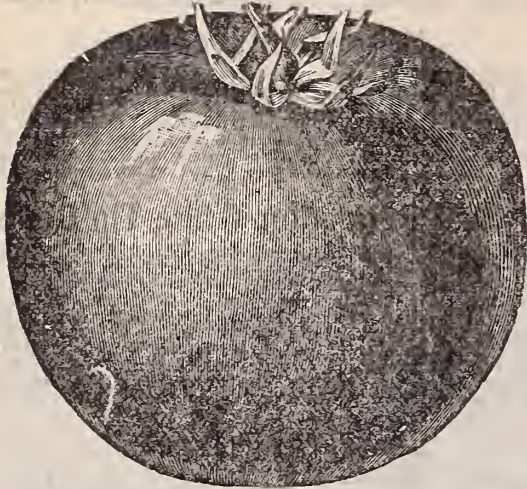
Embraces all the well-known standard varieties and such of the newer sorts as have proven of value. There is an endless number of new varieties introduced each year, and it is impossible for any one seedsman to give each a place in his catalogue. In the following pages we have listed only such varieties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

Morning Star Tomato

The earliest Tomato on earth. This new Tomato is the earliest Tomato in existence. It is fully a week ahead of Spark's Earliana, and notwithstanding this, the fruit is larger and more of it on the vine. The vine is vigorous and strong and resists blight; 45 to 50 fruit will fill an average five-eighths basket, 75 to 80 fruit will fill a bushel crate. Pkt., 15c; ½ oz., \$1.00; oz., \$1.50; 2 oz., \$2.00; ¼ lb., \$3.50, postage paid.

Landreth's Red Rock Tomato

110 days from seed sowing to ripe fruit. A trucker's variety, extraordinarily solid, smooth as an apple, red as it is possible to be. No sort is its superior in texture or flavor. A very heavy producer and an excellent shipper, twenty tons having been grown to the acre. Recommended especially to planters for canning factories as very showy and productive. Undoubtedly the finest large red Tomato now in use. Pkt., 5c; ½ oz., 25c; oz., 40c; 2 oz., 75c; ¼ lb., \$1.25; 1 lb., \$4.00, postage paid.



Early Detroit Tomato.

Early Detroit Tomato

Without doubt the best early purplish crimson Tomato offered. It is as early as any of the unshapely extra early sorts, perfectly smooth, symmetrical in shape and as large as Perfection. The flesh is firm, solid and of the very finest quality; has very few seeds, and is an excellent variety for shipping or market. The fruit does not crack and rot, as is the case with most of the early sorts, and we strongly recommend it for extended use among growers of early or main crop tomatoes for market. Pkt., 5c; ½ oz., 20c; oz., 40c; 2 oz., 70c; 4 oz., \$1.25; 1 lb., \$4.00, postage paid.



Carnation Marguerite,
Burbank's Selection.



Landreth's Red Rock Tomato.

My Maryland Tomato

Early, good size and shape. Very prolific. This new sort is bound to be a leader on account of its many good qualities. It is a vigorous grower; very prolific. Shape nearly round, partly flattened at stem end; very thick through. Color a bright scarlet; grows in clusters of 4 to 6 in a cluster. Pkt., 5c; ½ oz., 30c; oz., 50c; 2 oz., \$1.00; ¼ lb., \$1.50, postage paid.

Greater Baltimore 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. Pkt., 10c; ½ oz., 25c; oz., 50c; 2 oz., 90c; ¼ lb., \$1.50, postage paid.

The Calabash or Pipe Gourd

Why not grow your own pipes? Plant the seed May 1st, treat about the same as other gourds, excepting that the Calabash variety should run on the ground. When half grown stand the gourds on the large end; this should be done carefully. By this the small end crooks to a desirable pipe shape. Instructions for making the pipes and for making pots and jardinières from the larger end of the Calabash can be obtained from the United States Department of Agriculture, Bureau of Plant Industry, Washington, D. C. Don't fail to grow a few of the funny Calabash Gourds, even if only as a curiosity. Price per pkt., 20c; 3 pkts., 50c, postage paid.

Burbank's New Creations in Flowers

New Shirley Poppy Celeste—Beautiful sky blue, lavender and gray shades in abundance, very choice and rare. Pkt., 15c.

Japanese Morning Glory New Imperial Carmine—One of the most wonderful Japanese Morning Glories which, unlike most of this class, will grow anywhere and bloom abundantly all summer. Flowers rosy carmine, 2 to 3 inches across, with pure white throat. Pkt., 25c.

Rainbow Corn—Beautiful as the most prized Dracoenas, broad stripes of crimson, yellow, white, green, rose and bronze. This has been on exhibition by the California Development Board during the past season. Nothing like it for decorative purposes. As easily grown as corn. Pkt., 25c.

Astrocmecia Chilensis (Versicolor) "Lily of the Incas"—Perennial lily-like plants 1 to 3 feet in height, with an abundance of flowers resembling small lilies; yellow in every shade, orange, scarlet, crimson and pink; spotted, striped and selfs. Many new shades and a few new species. Hardy only as far north as Washington, D. C. Pkt., 10c.

Carnation, Marguerite—"Burbank's Selection." No strain of Marguerites so far available equals this in its combination of compact growth, abundance of bloom, remarkably bright distinct colors, proportion of fully double flowers and delightful fragrance. Pkt., 10c.

Shirley Poppy—"The Burbank" strain. This strain has been most carefully built up to its present acknowledged superiority by more than ten years' rigid selection. The flowers are extra large, the petals beautifully crimped. Colors selected with scientific accuracy. The strain is not excelled. Pkt., 10c.

Eschscholtzia, the "Burbank Crimson"—One of the most beautiful of all. It is well fixed, coming even more exactly to type than the older strains of Eschscholtzia. Pkt., 5c.

Eschscholtzia, Burbank's Re-selected Glant White—By far the most beautiful White Eschscholtzia yet introduced; especially large. Pkt., 10c.

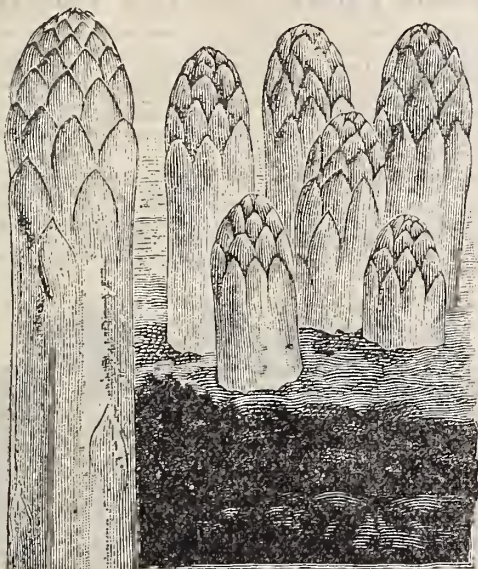
General List of Vegetable Seeds

High Class Seeds at Popular Prices

Our Stock of Vegetable Seeds, we are sure, cannot be excelled either in quality or selection by any firm in the country.

BULK PRICES.

Our Market Gardeners' and Wholesale Bulk Price List is given all in plain figures. See pages 2 and 3. At quotations named on Wholesale List we do not pay the postage. Those prices are f. o. b. Memphis, and carrying charges must be paid by the purchaser.



Columbian Mammoth White Asparagus.

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.

Green Globe French—Fine large heads. Pkt., 5c; 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; bu., \$2.50.

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.

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.

Giant Argenteuil—It is the earliest big asparagus grown, stalks weighing 3 to 4 ounces. The head is green and slightly pointed and the scales are very closely set. Being a vigorous grower, is not troubled very much with rust. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.35.

Broccoli

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, postage paid.

MAILING SEEDS.

In this department no firm is better prepared. Orders are filled with promptness, and we send you just what we advertise. At prices given we pay the postage on Seeds in packets ½, 1, 2 and 4 ounces, ½ and 1 pound; ½ pint, pint and quart packages, except where noted otherwise. Bear this in mind, please, when comparing prices with other reliable firms.



Bush, Dwarf or Snap Beans

One quart to 100 feet drill; 1½ bushels to the acre in drills. Plant when all danger of frost is over. Drop the beans two or three inches apart in rows standing eighteen inches to two feet apart. Hoe often—never when the vines are wet, or they will rust, drawing the earth slightly toward them, and at least once before they blossom sow land plaster upon them. As they require but six to eight weeks to make green pods, they can be sown as late as September 1.

Bush or Dwarf Lima Beans

Burpee's Improved Bush Lima—This is the bush form of the large Lima Bean. Can be successfully grown by any one, and it ought to be in every garden. The bushes grow 18 to 20 inches high, of stout, erect growth, requiring no poles or stakes. Each pod contains 3 or 4 mammoth beans, very tender and of a most delicious flavor. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c.

Henderson's Bush Lima—A dwarf form of the Small Lima and valuable because of its extreme earliness. Pods short, fat and containing from 2 to 4 beans; superior in quality. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express, pt., 15c; qt., 25c.

Dreer's Bush Lima—True bush Lima. An immense yielder, growing about 1½ feet high. Pods 7 to 8 inches long. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c.

Fordhook Bush Lima—One of the latest new varieties, immense white beans, fully as large as the Pole Limas, are produced in abundance. Price the same as Dreer's Wonder Lima.

Wood's Prolific Bush Lima—A greatly improved strain of Henderson's Bush Lima. Equally as early and prolific and produces much larger pods and beans. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c.

Brussels Sprouts

The plant grows two or three feet high and produces from the side of the stalk numerous little sprouts one or two inches in diameter, resembling cabbage. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c, postage paid.



Black Valentine Bush Beans.

Bush Beans, Dwarf or Snap

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

Dwarf Green Pod Varieties

Burpee's Stringless Green Pod—This is the best absolutely Stringless Bean. Ready for market several days earlier than the best strain of Red Valentine or Early Six Weeks. Pods are very tender and fine flavor. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 40c, postage paid. By express, 1 qt., 25c.

Hopkin's Earliest Valentine—This variety is 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, postage paid. By express, 1 qt., 30c.

Improved Early Red Valentine—Desirable for market or family use, being early, productive and tender. The pods are round. Pkt., 10c; ½ pt., 15c; pt., 20c; qt., 40c, postage paid. By express, qt., 25c.

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; pt., 25c; qt., 40c, postage paid. By express, qt., 25c.



Wardwell's Kidney Wax Bush Beans.

Giant Stringless Green Pod—With all the merits of its namesake it has in addition larger pods and is more productive. Pods of this variety are one-third larger than Valentine, and it is claimed that it is earlier; not so early as the original Stringless Green Pod, but it is desirable to plant with that variety for a succession. It retains all the characteristics and good qualities of its parent, but with a very much larger and more showy pod. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express, qt., 25c.

Tennessee Green Pod—This dwarf, early intermediate snap bean, although comparatively new to the seed trade, is very popular in the South and wherever known is spoken of in terms of highest praise. Vines large, somewhat spreading and prolific; foliage dark green, with leaves large and crumpled. Pods very long, flat, irregular in shape, bright green and of excellent quality. Seed of medium size, oval, flat, yellowish brown in color. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express, qt., 25c.

We can also supply the following well-known standard varieties at a uniform price, viz.: Pkt., 10c; ½ pt., 15c; pt., 20c; qt., 35c, postage paid. By express, pt., 15c; qt., 20c; 4 qts., 50c; pk., \$1.00.

Best of All.	Prolific Tree.
Extra Early Refugee	Red Kidney
Early Mohawk, Six Weeks.	Large White Marrow.
Early Yellow, Six Weeks.	White Navy or Tree Bean.

Dwarf Yellow Wax Pod Varieties

Davis White Wax—One of the best and most valuable varieties in cultivation. It is a first early, nearly always rust proof and extraordinarily productive. It holds its pods up well off the ground, and the snaps always mature plump, full and solid, of a beautiful yellow appearance. It is entirely stringless. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express, qt., 25c.

Round Pod Kidney Wax—The most valuable wax bean yet introduced. Strong grower with long, round, handsome stringless pods, solid and full of meat, crisp, brittle and free from rust; wonderfully early and productive. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express or freight, qt., 25c; 4 qts., 75c; pk., \$1.25.



Burpee Stringless Green Pod Bush Beans.

Wardwell's Kidney Wax—Very popular; long, broad, flat pods. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By freight or express, qt., 25c.

Hodson Wax—A new and distinct variety, about two weeks later than others, but surpassing most others in its combination of large, handsome pods, good quality and immunity from rust. It is also above the average in productiveness. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express or freight, qt., 25c; 4 qts., 75c; pk., \$1.25.

LAND PLASTER

Applied as a top dressing for grass and clover crops in the spring increases the growth and yield of same very largely. It is also of decided benefit to use when planting potatoes, in connection with fertilizer or manure, and its liberal use in stable, cattle stalls, poultry houses and on manure piles will prevent escape of ammonia, increasing the value of the farm manure amazingly. Its great usefulness, cheapness and effectiveness should make it universally and liberally used on every farm. Sack, 200 lbs., \$1.25; ton, \$11.00, f. o. b. Memphis.

Dwarf Wax Varieties

Prices uniform: Pkt., 10c; ½ pt., 15c; pt., 20c; qt., 40c, postage paid. By express, pt., 15c; qt., 25c; 4 qts., 60c; pk., \$1.15.

Currie's Rustproof.	Golden Eyed Wax.
Keeney's Rustproof Wax.	Flageolet Violet Wax.
Burpee's Brittle Wax.	Pencil Pod Wax.
German or Black Wax.	Valentine Wax.
Golden Wax Improved.	

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. Plant in hills, from 5 to 6 seeds in each, about 2 inches deep; the hills should be 4 feet apart.

Kentucky Wonder or Old Homestead—A famous pole variety. It is one of the best. Vigorous grower, very productive, bearing its long pods in clusters, nearly round, very crisp, tender and of a most superior flavor. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express, pt., 15c; qt., 25c.

Kentucky Wonder Wax—A vigorous growing, wax podded pole bean, similar aside from color of pod to the green podded Kentucky Wonder. Its very large, golden yellow pods are certainly handsome in appearance, and are unexcelled in quality by any wax podded bean of its class. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c.

Scotia Pole or Cornfield 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." Specially adapted to growing on corn, thus economizing space on valuable land, or where poles are scarce. Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c.

Lazy Wife's Pole Bean—Pods of medium dark green color, broad, thick and very fleshy, and retain their rich, tender qualities until nearly ripe. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c, postage paid. By express, pt., 15c; qt., 30c.

White Seed Kentucky Wonder—Green pod. One of the earliest of the pole beans. The pods are borne in clusters, averaging 6 to 8 inches in length, of a rich, dark green and very meaty; the pods are stringless, tender and of excellent flavor. The dry, pearly white beans make good dry beans for winter use. Pkt., 10c; ½ pt., 15c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c.

Asparagus or Yard Long Beans—A great curiosity, and withal a bean of excellent quality. Pods usually are 13 to 24 inches, but frequently 30 inches and sometimes 36 inches in length. An excellent table vegetable, the pods being tender and of a rich asparagus flavor. Pkt., 10c; ½ pt., 25c, postage paid.

Mississippi White Cornfield Bean—Used both as a snap and shell bean. Pure white; a fine tender bean. Pkt., 10c; ½ pt., 20c; pt., 30c; qt., 50c, postage paid. By express, pt., 20c; qt., 35c; 4 qts., \$1.00; pk., \$1.50.



Scotia Pole or Cornfield Beans.

Other Pole Beans

Prices: Pkt., 10c each; ½ pt., 15c; pt., 25c; qt., 40c, postage paid. By express, qt., 25c; 4 qts., 75c; pk., \$1.25.

Red Speckled Cut Short. Southern Prolific.
Tall German Wax. Southern Creasback.
Horticultural or Wren's Egg

Pole Lima and Butter Beans

One quart will plant about 150 hills. Culture the same as for other Pole Beans. Sow seed about the middle of April, not sooner. The ground must be warm, otherwise the beans will rot.

Carolina or Small Lima—The true butter bean. 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., 45c, postage paid. By express, pt., 15c; qt., 25c.

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. Price the same as Carolina or Small Lima.

Schwill's Monstrous Lima—The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 beans to the pod, all perfectly formed and of superior quality. Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c, postage paid. By express, pt., 15c; qt., 30c.

Pole Lima Beans

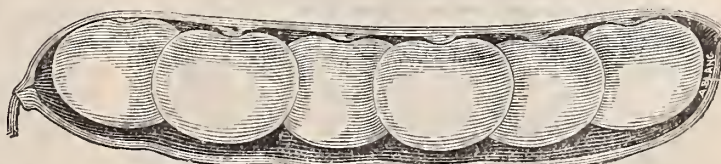
Standard Sorts.

Prices uniform as follows: Pkt., 10c; ½ pt., 15c; pt., 25c; qt., 45c, postage paid. By express, pt., 15c; qt., 30c; 4 qts., 75c; pk., \$1.40.

King of the Garden Lima. Dutch Case Knife.
Henderson's Leviathan. Large White Lima.



Kentucky Wonder or Old Homestead Pole Beans.



Schwill's Monstrous Lima Beans.

BEETS

One ounce to 50 feet drill, 4 to 5 pounds to the acre in drills. Beets require a deep, rich and mellow soil. Drop about 1 inch deep in drills 12 to 18 inches apart. Thin to 6 and 12 inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting.

5c per pkt., or 3 pkts. for 10c, any variety, postpaid.

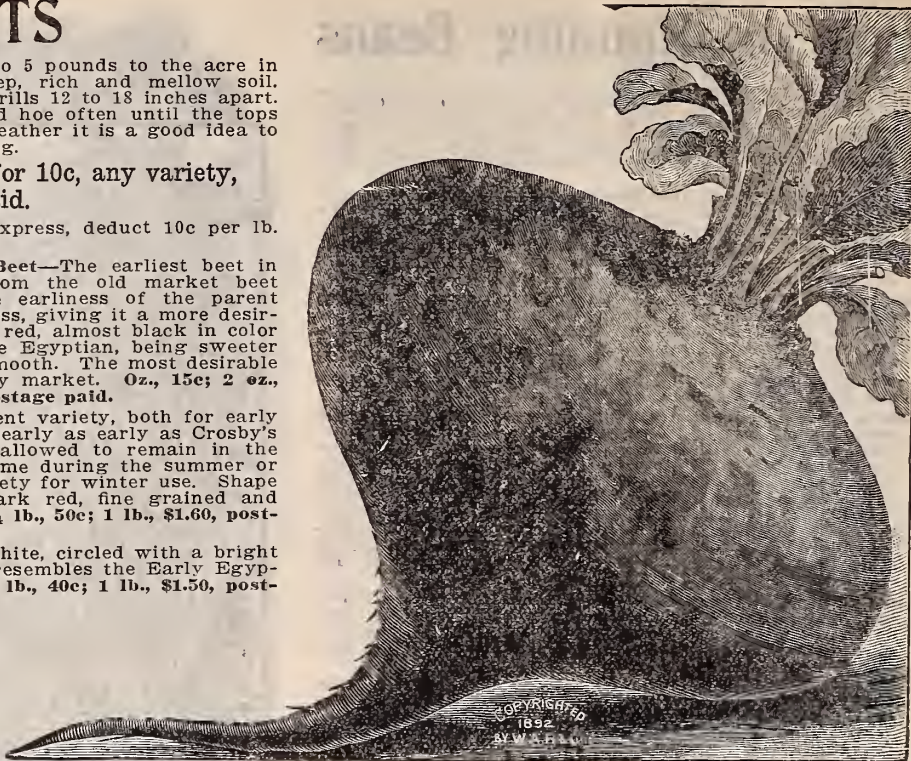
If beet seed are ordered by express, deduct 10c per lb. from following prices:

Crosby's Improved Egyptian Beet—The earliest beet in the market; a selection from the old market beet Early Egyptian retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is the deepest red, almost black in color and of finer quality than the Egyptian, being sweeter and even more tender and smooth. The most desirable sort of small beets for early market. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Crimson Globe—A most excellent variety, both for early use and for main crop. Is nearly as early as Crosby's Egyptian, but they can be allowed to remain in the ground and be pulled any time during the summer or fall. There is no better variety for winter use. Shape is nearly spherical, color dark red, fine grained and sweet. Oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.60, postage paid.

Extra Early Bassano—Flesh white, circled with a bright pink, of good flavor; shape resembles the Early Egyptian. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, postage paid.

Write Name and Postoffice Address plainly. This is very necessary and will insure prompt shipment of order.

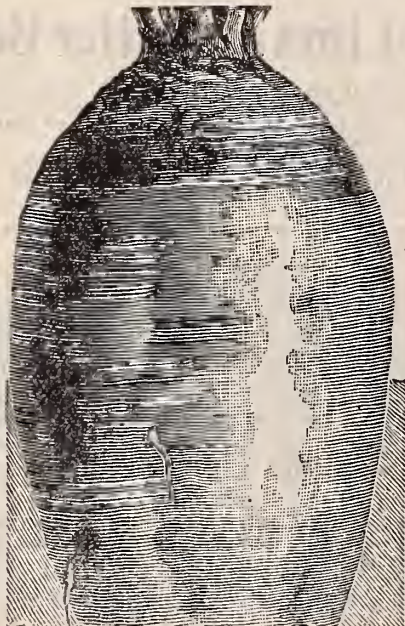


Crosby's Improved Egyptian Beet.

Long Smooth Blood—An excellent late variety. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.10, postage paid.

Detroit Dark Red—A choice strain of dark red turnip; fine globular or oval, smooth roots, with small tops; skin blood red, flesh dark red, zoned with a lighter shade, tender and sweet. Oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.60, postage paid.

Improved Blood Turnip—An excellent blood turnip variety, about a week earlier than the blood turnip, deep blood red color; fine form, excellent flavor. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.35, postage paid.



Giant Feeding Sugar Beet.

Early Model Beet—This distinct new table beet is remarkable for its uniform shape, of very deep colored flesh and has a fine sweet flavor. It has a small leaf, green in color, ribbed crimson, and a very small tap root. The bulbs develop quickly and can be sold when very young. They are smooth and free from small rootlets. Both skin and flesh are of an unusually deep rich blood crimson color, retaining this color when cooked. Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.75, postage paid.

Market Gardener's Beet—As early as the Egyptian, but larger and of better quality; color of dark red, flesh very tender and sweet at all times, whether old or young. Very productive, good keepers and will produce a crop in six weeks from planting the seed. Oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.60, postage paid.

Eclipse—Nearly globular, smooth and with very small tap root and very small collar; flesh fine grained, blood red; also a market favorite. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.10, postage paid.

Extra Early Egyptian—Flat turnip shaped, extra early; deep red, tender and sweet. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Edmond's Blood Turnip—One of the best varieties grown for main crop. The skin is deep blood red; the flesh is also dark red and is sweet and tender. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.35, postage paid.

Landreth's Best Beet—This is a finely bred variety for summer market. The roots average 2½ inches in diameter, with richly colored leaves only 5 inches in length. Beets are smooth and regular in form, with small tap root. Flesh is fine grained, free from any woodiness, even when fully grown, and is of dark red coloring. Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Carter's Excelsior Beet—Very early, round rooted, dark red skin; flesh a beautiful crimson, of fine quality. Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Sugar Beets

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

Giant Feeding Sugar Beets, or Half Sugar Mangels—By skillful breeding there has been developed in Giant Feeding Sugar Beet a sort very much more valuable for feeding purposes than the old sort. In addition to this the size and form have been improved until it yields as much per acre as best Mangels, is much easier handled, keeps better and is in every way most valuable to the farmer. Roots large, oval in form, very smooth, with few rootlets, with small top. Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

White Red Top Sugar—Highly prized on account of the large amount of sugar it contains. Very productive and a good keeper. Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

Vilmorin's Improved—An improved French variety; very rich, containing usually as high as 16 per cent. of sugar. Prices same as White Red Top.

Klein Wanzleben—Largely grown for sugar. The root is straight and even. A heavy yielder and rich in sugar. Prices same as Lanc's.

Lane's Imperial Sugar—One of the most popular varieties for stock, and one which will succeed well throughout this latitude or farther south. Grows to a large size, is more like Mangel Wurzel in character, but the flesh is sweeter and tenderer; in fact, sometimes used for table. Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

Mangel Wurzel and Stock Beets

Five to Six Pounds of Seed will Plant an Acre.

Culture—Sow in drills 2 feet apart when suitable time comes for sowing oats and planting corn. When plants are 2 or 3 inches high thin or cut out with hoe to 8 to 12 inches apart. Long varieties are best suited to deep rich soil. The Tankard sorts succeed better than long ones on thin or sandy soil. They make a heavy growth, and if large quantities are grown it is best to have the rows wide enough apart to use a horse and cultivator.

Mangel Beets

Select any three 5c packets for 10c.

Golden Tankard Mangel—Is considered the best Mangel grown for shallow ground by a large part of our customers. It is remarkable for its milk producing qualities. The growth is vigorous. It is easily pulled or lifted from the ground, and is an enormous producer; with good ordinary cultivation and land it yields 40 to 50 tons per acre, and some of our customers claim to have grown as high as 60 to 70 tons from one acre of ground under good conditions. Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

Mammoth Long Red Mangel—Is the best Long Red there is grown for deep soil. They are good and of massive shape, growing to immense size, but are of fine texture, not coarse. They are easily harvested, as they grow well over the ground. Oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

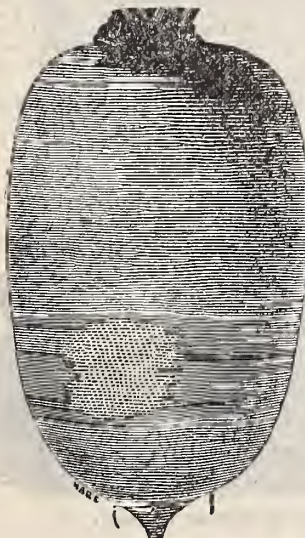
Prize Winner Yellow Globe—Grows almost entirely above ground, and is especially adapted to shallow soil, and is also, on this account, easily pulled. The roots are beautiful and symmetrical in shape, of large size and splendid keepers. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.

Swiss Chard or Silver Beet

A variety of special merit. The chard beets are growing in popularity. The leaves are used for "greens," considered by many superior to spinach for this use. When grown on rich soil enormous stalks and leaves are produced; exceedingly tender and easily prepared. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

REMEMBER

That we prepay charges on all seeds in this catalogue by the packet, ounce, two ounce, ¼-lb. pound, ½-pint, pint and quart. If you wish to pay carrying charges then deduct 10c per lb. or 15c per qt. from these prices.



Golden Tankard Mangel Beet.



Mammoth Long Red Mangel Beet.



These books are both useful and helpful to amateurs as well as gardeners. Most of them fully illustrated. Profit by the experience of others. We mail them on receipt of price.

FARM AND GARDEN BOOKS.

American Farm Book—By A. L. Allen.....	\$2.00
A B C of Agriculture.....	.50
Alfalfa—Its Growth, Uses, Etc.—F. D. Coburn.....	.50
Asparagus—F. M. Hexamar.....	.50
Asparagus Culture—By Barnes and Robinson.....	.50
Broom Corn and Brooms.....	.50
Barn Plans and Outbuildings.....	1.00
Celery Culture—G. C. Sevey.....	.50
Clovers and How to Grow Them—Shaw.....	1.00
Corn Book—Herbert Myrick.....	1.50
Canary Birds.....	.50
Farm Crops—Burkett.....	1.50
Farm Drainage—French.....	1.00
Farm Grasses of the United States.....	1.00
Feeding Farm Animals.....	2.00
Fertilizers—Prof. E. B. Voorhees.....	1.00
First Principles of Soil Fertility—Vivian.....	1.00
Forage Crops Other Than Grasses—Thomas Shaw.....	1.00
Gardening for Young and Old—Harris.....	1.00
Gardening for Profit—Henderson.....	1.50
Ginseng Culture—McKains.....	.50
Gregory on Onion Raising—J. J. H. Gregory.....	.30

Hedges, Wind Breaks, Live Fences, Etc.....	\$.50
Insects and Insecticides—C. M. Weed.....	1.50
Methods of Making Manures—Bommer.....	.25
Market Gardening and Farm Notes—Burnet 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
Southern Gardeners' Practical Manual.....	1.00
Spraying Crops—When, Why, How.....	.50
Successful Fruit Culture.....	1.00
Sweet Potato Culture—Fitz.....	.60
Study of Corn—Shoesmith.....	.50
Strawberry Culturist—Fuller.....	.25
The A B C of Potato Culture—W. B. Terry.....	.35
The Amateur's Practical Garden Book—Illustrated.....	1.00
The Forcing Book—How to Grow Vegetables Under Glass.....	1.00
The New Rhubarb Culture—Morse.....	.50
The Peanut Plant—Its Cultivation and Uses.....	.50
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
Vegetable Gardening—Watts.....	1.75

CABBAGE

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 are reliable and true. Our seeds are grown with the utmost care, and we know they are fresh, pure, reliable and true in 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 early use sow the seeds in hot beds in January or February, or may be sown about the middle of October, and the plants wintered over in cold frames. Transplant in spring as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late winter use the seed should be sown in June and the plants set out in July. We sell half ounces of Cabbage Seed at ounce rates; half pounds at pound rates.

Price, any variety of Cabbage Seed, 5c per pkt., 3 pkts. for 10c, postage paid.



Charleston or Large Wakefield Cabbage.

Early Varieties

Extra Early Express—While not quite so large as Jersey Wakefield, it is several days earlier, and for a first early variety cannot be excelled. Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.75, postage paid.

Early Jersey Wakefield—A leading variety and one of the best for private or market gardeners' use; conical shape. Oz., 25c; 2 oz., 50c; ¼ lb., 75c; 1 lb., \$2.00, postage paid.

Charleston or Large Wakefield—Large, solid heads, of good quality; a few days later than Early Jersey Wakefield. Specially recommended for market gardeners. Oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$1.75, postage paid.

Early Winnigstadt—Conical shape; quality very good. This variety is especially adapted for light soils, where it does better than other sorts. Oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.70, postage paid.

Extra Early Eureka—This is a valuable extra early variety, coming into use as early as Wakefield. The heads are round, slightly flattened and very solid. Oz., 35c; 2 oz., 50c; ¼ lb., 75c; 1 lb., \$2.50, postage paid.

Early Summer—A second early cabbage, which matures about 10 days after the Jersey Wakefield. It makes a large, solid, flattish head. Oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.

Early Spring—Extra early flat cabbage. It is fully as early as the Jersey Wakefield, but the heads are roundish, like Early Summer. Oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Early Dwarf York—An old favorite, heads heart shaped. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Large Early York—Heads larger than Early York. Good for early market. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Second Early Varieties

All Head Early—The largest heading of the second early sorts, of excellent quality. The deep, flat heads are remarkably solid and very uniform in size. Oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Succession—A good second early round headed sort, heads very evenly. Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Early Drumhead—A second early, large, round, solid-heading variety. This we consider the best for following Charleston Wakefield; it matures about ten days later. Oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.60, postage paid.

Selected All-Seasons—An early Drumhead Cabbage, yielding heads of the largest size. Oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Early Flat Dutch—This is a grand second early cabbage, of large size and A No. 1 quality. Larger than Early Summer. Oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$1.75, postage paid.

Solid South—A magnificent cabbage, resembling the Early Summer, but is earlier, larger, more uniform; has fewer outside leaves. Oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Stein's Early Flat Dutch—A large and very desirable strain of Flat Dutch; heads very compact, few leaves and short stemmed. The heads are large, nearly round and very solid. Oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.75, postage paid.



Extra Early Eureka Cabbage.

ALL CLAIMS

Must be made on receipt of goods. Our responsibility ceases after goods are delivered to transportation company, and we can assume no liability after delivery to railroad company. We will gladly file claims for losses against transportation companies, but will not refill the order, as we sell goods f. o. b. Memphis.



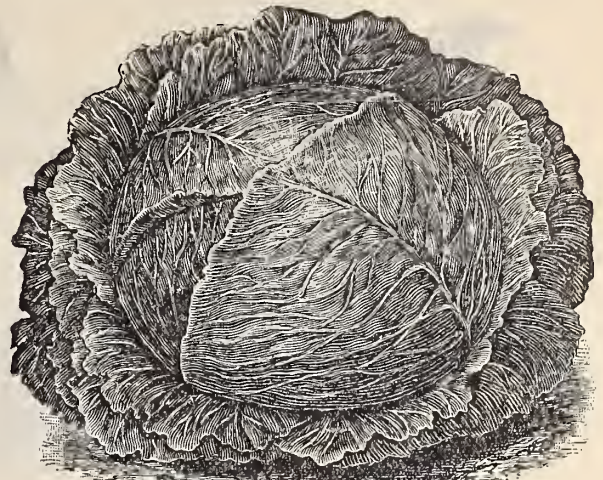
Succession Cabbage.



Early Flat Dutch Cabbage.



Volga Cabbage.



Glory of Enkhuizen Cabbage.

Cabbage

Late Varieties

Genuine Surehead—This popular Cabbage is rightly named Surehead. It never fails to make a remarkably fine, solid, large head, with few outer leaves. A strong, vigorous grower. Excellent variety for fall cabbage. 1 oz., 20c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.25, postage paid.

Fottler's Brunswick—This variety produces large heads, weighing 15 to 20 lbs. The quality is good, and it can be grown either as a second early or late sort. 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$1.75, postage paid.

Danish Ballhead—The hardest heading variety known. Heads of medium size, with but few outer leaves, admitting close planting; exceedingly fine, hardest of all, tender, crisp and solid, with no waste of heart, and will average 10 pounds. 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., \$2.25, postage paid.

Schwil's Ideal Winter—A favorite late winter cabbage. The heads are very satisfactory as to size, weight, quality, smallness of heart, sure-heading and long-keeping qualities; withstands drouth better than most varieties. 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

New Volga—A magnificent Cabbage for Southern planters for early spring market, and for Northern planters for early fall market. The plants are of very low growth, with spreading saucer-like outer leaves, which shade the roots very effectively. It is very rapid in its growth, but it is a long time after maturity before it bursts. The heads are very deep through and smoothly round at the top. They are exceedingly hardy and solid and very heavy. Light grayish green color and 10 to 12 inches in diameter, and are very attractive in every way. 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00; 1 lb., \$3.00, postage paid.

Improved Large Late Flat Dutch—Heads large, bluish green, round, solid and broad on top, more extensively planted than any other variety. 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.

Improved Large Late Drumhead—We recommend this for late market. For heading, evenness of crop and size, our strain of this cannot be surpassed. 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.60, postage paid.

Glory of Enkhuizen—This splendid sort, introduced a few years ago from Holland, is gaining in popularity each year as people learn of its many desirable qualities. It is one of the very earliest, has large solid head, fine ribbed, and is of excellent quality. The outer leaves are globe shaped, permitting close planting. Medium in size. Its value lies in the private garden and for the market gardener who grows for high-class trade. 1 oz., 35c; 2 oz., 60c; ¼ lb., 90c; 1 lb., \$2.75, postage paid.

Schwil's Matchless Late Flat Dutch—Uniform in type, sure to head and immense in size and weight. Here is one of the surest heading and best late varieties. 1 oz., 25c; 2 oz., 45c; ¼ lb., 70c; 1 lb., \$2.25, postage paid.

Green Glaze—Glossy green, withstands the ravages of the cut worms better than the other sort. 1 oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1 lb., \$2.50, postage paid.

Long Island Market Savoy—A grand new variety, the largest of all. Heads of a deep green color, which they retain in all stages. Notwithstanding its great size, the quality is superb, approaching that of a cauliflower when cooked. 1 oz., 25c; 2 oz., 45c; ¼ lb., 75c; 1 lb., \$2.50, postage paid.

Large Drumhead Savoy—Heads large and very finely curled. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Red Dutch—The largest and best of all Red Cabbages. It is sure to head; large as Flat Dutch. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, postage paid.

We sell ½ ounce at ounce rates; ½ pound at pound rates.

MAIL ORDERS.

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.



Schwil's Matchless Late Flat Dutch Cabbage.



Danish Ballhead Cabbage.



Danvers Half Long Carrot.



Extra Early Snowball Cauliflower.

Carrots

Crop Short.

One ounce to 100 feet drill, 2 to 3 pounds to the acre in drills. Sow during any of the spring months in drills from 12 to 15 inches apart, and thin to 3 or 4 inches in the drill. Requires deep, rich, mellow soil and thorough culture. Any variety, pkt., 5c; 3 pkts., 10c.

Improved Long Orange—An old standard and very popular variety, growing to large size; fine for market; one of the best varieties for stock feeding. Oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.80, postage paid.

Danvers Half Long—First-class variety, flesh dark orange; smooth handsome roots of medium length; tapering uniformly to a blunt point; very productive and a great favorite with market gardeners. Oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.80, postage paid.

Chantenay Half Long—Very early and productive, always smooth, orange red, flesh crisp and tender. Oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.00, postage paid.

Half Long Scarlet—Very popular variety, a deep red color of perfect form. Oz., 15c; 2 oz., 25c; ¼ lb., 45c; 1 lb., \$1.50, postage paid.

Early Scarlet Horn—Not large, but a favorite for early crop. Small tops, stump rooted, orange flesh and fine grain. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, postage paid.



Columbian Celery.

Cauliflower

One ounce will produce about 2,000 plants. Sow in hot-bed early in January and transplant any time suitable after the first of March. 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—such seed is dear at any price. If you cannot afford to buy the best seed do not plant at all.

Extra Early Erfurt—The earliest for market; sure heading. Pkt., 10c; ¼ oz., 75c; 1-3 oz., \$1.00; 1 oz., \$2.00, postage paid.

Extra Early Snowball—Snow white, sure header. Pkt., 10c; ¼ oz., 60c; 1-3 oz., \$1.00; oz., \$2.50, postage paid.

Danish Giant—Very large heads, late. Pkt., 15c; ¼ oz., 75c; 1-3 oz., \$1.00; oz., \$3.00, postage paid.

Dry Weather Cauliflower—This new cauliflower is especially adapted for growing in dry locations, when other varieties fail. It produces large, solid heads. By the use of this strain, cauliflower can be grown in many dry districts where it has been impossible heretofore to raise it. Pkt., 15c; ¼ oz., \$1.00; 1 oz., \$3.00, postage paid.

Celery

One ounce will produce about 3,000 plants. Sow in April or May, and rake the seed in lightly; water and shade from strong sun.

Columbian—In the leading celery growing districts this is extensively grown. It is a distinct and handsome sort. When bleached the heart is golden yellow, solid, showy and attractive. Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

Giant Pascal—No other sort equals Giant Pascal for winter use at home and for nearby markets. It is too crisp for shipping. The stalks are remarkably large, thick, solid and entirely stringless. Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c, postage paid.

Golden Self-Blanching—A favorite everywhere. It is a robust grower of dwarf habit, very stocky and compact, color a rich golden yellow. Is as self-blanching as White Plume, and simply needs a slight earthing up. Pkt., 5c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.25; lb., \$4.50, postage paid.

Standard Varieties of Celery

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

Large White Solid.
Hend. White Plume

Turnip Rooted Celaric
Perle le Grande

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. We will pack all orders together if possible to do so.

Garden and Sweet Corn

For Table Use

One quart will plant 200 hills, one peck will plant an acre in hills. Plant as soon as the ground becomes warm in the spring, in hills about 3 feet apart, 5 or 6 grains to the hill, and when up thin them out. For a succession, plant every two weeks until midsummer. For bulk prices by the peck, see page 2.

Adams Extra Early—The very earliest variety, and brings good prices when first offered to the market. By mail, ½ pt., 10c; pt., 15c; qt., 30c. By express, qt., 20c.

Early or Large Adams—One of the most profitable varieties for early market. Ears good size, sweet and tender. ½ pt., 10c; pt., 15c; qt., 30c, postage paid. By express, qt., 20c.

Schwill's Improved Large Adams—Larger than Adams Early, and very nearly as early. Fine for market. ½ pt., 10c; pt., 20c; qt., 35c, postage paid. By express, qt., 25c.

Schwill's Early Surprise—Every trucker should plant well of this splendid corn. It is always a money-maker. 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. ½ pt., 10c; pt., 20; qt., 35c, postage paid. By express, qt., 25c.



Golden Bantam Sweet Corn.

Landreth's Earliest Sugar Corn—A very beautiful new sort of finest flavor. Produces, in favorable seasons, perfect ears 60 days after planting. Ears average 7 inches in length by 2½ inches in diameter, are filled with 12 to 14 rows of pearly white, broad and deep kernels of delicious quality. Pkt., 10c; pt., 25c; qt., 40c, postage paid. By express, 1 qt., 25c; 4 qts., 75c; pk., \$1.25.

Country Gentlemen—Deepest grain of any; small cob; a superb late variety. ½ pt., 15c; pt., 25c; qt., 35c, postage paid. By express, qt., 25c.

Schwill's Delicious—An early large sweet corn. Produces ears 12 inches long in 65 days. Kernels are pure white, very sweet and tender. ½ pt., 10c; pt., 20c; qt., 35c, postage paid. By express, qt., 25c.

Mammoth White Cob Cory—Very similar to the Red Cob Cory, excepting it has a white cob and white kernels. ½ pt., 10c; pt., 15c; qt., 30c, postage paid. By express or freight, not prepaid, qt., 25c.



Early or Large Adams Corn.



Trucker's Favorite Corn.



Schwill's Early Surprise Corn.

Trucker's Favorite Corn—Not a true sugar corn, but a hybrid or mixture between a sugar corn and the Adams Early, and cultivated on large areas and almost exclusively by market gardeners. A very profitable sort as a money maker. Plant in rows at 4 feet and thin to 2 feet. ½ pt., 10c; pt., 15c; qt., 30c, postage paid. By freight, not prepaid, qt., 25c.

Golden Bantam—A new variety of great merit. It is yellow in color, but very sweet; ears are small, well filled out at ends. A very valuable variety for the home garden for first crop. ½ pt., 15c; pt., 25c; qt., 45c, postage paid. By express or freight, not prepaid, qt., 35c.

Premo—Claimed by the originator to be the earliest of all. It is no doubt a most desirable sort among the first-early sorts. Good-sized ear of good quality. ½ pt., 10c; pt., 20c; qt., 35c, postage paid. By express or freight, not prepaid, qt., 25c; 4 qts., 75c; pk., \$1.10.

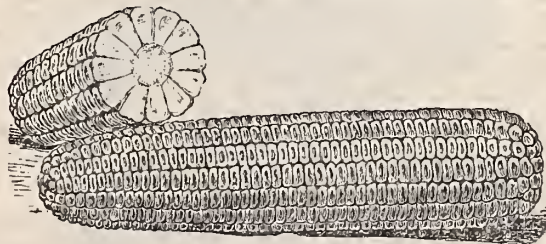
Black Mexican—The grain when dry is black. In an edible state is white and is without question the sweetest of all the early varieties. We consider it one of the best for family use. Grows a good fodder and a large ear. ½ pt., 10c; pt., 20c; qt., 35c, postage paid. By express or freight, not prepaid, qt., 25c; 4 qts., 75c.

UNLESS YOU HAVE GOOD SEEDS

You are sure to fail. If the seeds are poor, likewise your crop will be poor, and you will 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. Owing to fluctuations of the market, it is impossible to give correct prices on Clover Seed, Oats, etc. Write for our special prices when you are ready to buy, on any Field or Farm Seed.

REMEMBER

That we prepay charges on all Seeds in this Catalogue by the packet, ounce, two ounce, quarter pound, one pound, half pint, pint and quart. If you wish to pay carrying charges, then deduct 10 cents per pound and 15 cents per quart from these prices.



Landreth's Early Table Corn.

Landreth's Early Table Corn—An early large sweet corn. Produces ears 12 inches long in 65 days. Kernels are pure white, very sweet and tender. Pkt., 10c; pt., 25c; qt., 40c, postage paid. By express, 1 qt., 25c; 4 qts., 75c; pk., \$1.25.

We can also supply the following varieties at the uniform price, viz.: ½ pt., 10c; pt., 20c; qt., 35c, postage paid. By express, qt., 25c; 4 qts., 50c; pk., 85c; bu., \$3.25.

Egyptian Early Sugar Peep O' Day Sugar
Large White Flint Stowell's Evergreen Sugar
Early Yellow Canada Mammoth Large Sugar
Schwill's Extra Early Market



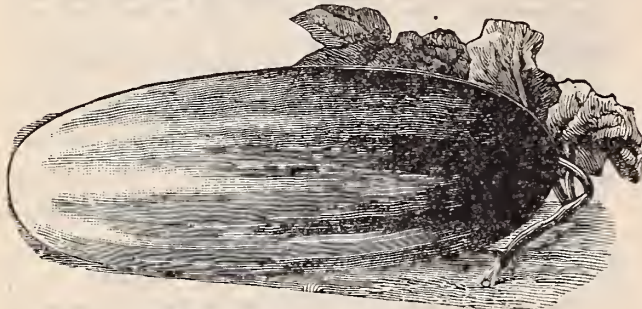
Davis Perfect Cucumber.



Improved Long Green Cucumber.

Cucumbers

One ounce will plant fifty hills; one to two pounds will plant one acre. Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way, and when all danger of insects is past, thin out the plants, leaving 3 or 4 of the strongest to each hill. For Market Gardeners' and Wholesale Price List, see Pages 2 and 3. Price, 5c per pkt.; 3 pkts., 10c, any variety.



Early Cyclone Cucumber.



Georgia White Cabbage Collard.

Davis' Perfect—New; fruit long, slim, symmetrical; rich dark green; holds color until nearly ripe. Very attractive and of finest quality. One of the best for shipping. Vine especially vigorous and large. Oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., \$1.00, postage paid.

Klondyke—An attractive dark green cucumber, averaging 6 to 7 inches long and 2 inches thick; of unsurpassed quality. Its points of superiority are, extreme earliness, a prolific bearer, very hardy; size just right for a slicing cucumber. An excellent pickling sort. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c, postage paid.

Extra Early Long Green—One of the best general purpose cucumbers in cultivation, the young fruit being very symmetrical in shape, deep in color, and very crisp. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.10, postage paid.

Early Cyclone—Beautiful in shape and color and of the finest quality. The fruit is long, cylindrical, dark green, with very white, crisp and tender flesh. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 90c, postage paid.

Improved Long Green—A fine bearer of superior quality. Oz., 10c; 2 oz., 20c; ¼ lb., 30c; lb., 90c, postage paid.

Long Green Turkey—An excellent variety. Dark green; flesh firm and solid. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 90c, postage paid.

Japanese Climbing—This is a strong and vigorous grower. Fine for pickling. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; lb., \$1.25, postage paid.

Early Green Cluster—A very early variety, bearing in clusters. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c, postage paid.

Arlington White Spine—An improved strain of the White Spine; good for forcing or outdoors. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 75c, postage paid.

Nichol's Medium Green—Fruit thicker than White Spine and full at both ends; light green; attractive and of fine quality. Oz., 10c; 2 oz., 20c; ¼ lb., 35c; lb., \$1.00, postage paid.

Improved Early White Spine—Deservedly the most popular type. Fruit uniformly large, straight and attractive; dark green, lighter at blossom end with a few white spines; flesh tender and of fine flavor. Oz., 10c; 2 oz., 20c; ¼ lb., 30c; lb., 80c, postage paid.

Extra Long, or Evergreen White Spine—A distinct and superior strain of this popular type. Fruit long, cylindrical, dark green, crisp and tender. Vine productive and comes into bearing soon after the Early White Spine. Popular with market gardeners. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 80c, postage paid.

Hill's Forcing White Spine—A week earlier than the Early White Spine. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 90c, postage paid.

Price List Standard Cucumber

At a uniform price as follows: Pkt., 5c; any 3 pkts., 10c;

1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70, postage paid.

Early Frame.

Cool and Crisp.

Giant Pera.

Cumberland Pickle.

Early Fortune.

Fordhook Pickle.

Gherkin, or Burr Cucumber.

Chervil

Curled—Used for flavoring and garnishing. Pkt., 5c; oz., 25c, postage paid.

Cress, or Pepper Grass

One Ounce will Sow About 15 Square Feet.

A well-known pungent salad. Sow at frequent intervals, to keep up a succession, as it soon runs to seed.

Curled or Pepper Grass—Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c.

True Water—Pkt., 10c, postage paid.

Chives, or Schnittlauch

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

Corn Salad, or Fetticus

One Ounce will Sow About 18 Square Feet, and 6 Pounds will Sow One Acre.

Sow in September or October. Large, round-leaved. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 70c, postage paid.

Collards

A species of cabbage. Sow in the spring and transplant and cultivate in the same manner as cabbage. Any 3 5c packets for 10c, postage paid.

Georgia White Cabbage—Called Cabbage Collard on account of its close, bunching growth and light green leaves. Originated from Buncombe Cabbage. Forms firm heads. Superior to the Georgia Collard. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00, postage paid.

True Southern—The old standard sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postage paid.

North Carolina Buncombe—A superior variety; heads up in winter, very heavy foliage, fine flavor. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postage paid.



Black Beauty Egg Plant.

Egg Plant

One ounce will produce about 1,000 plants. A tender plant, which should be started quite early in a hotbed or a box in the house, which must be kept warm. Do not put out of doors until mild weather.

Improved New York Purple—This is the favorite market variety; of large size, smooth, deep purple skin, free from thorns. Pkt., 5c; ½ oz., 15c; oz., 30c; 2 oz., 50c; ¼ lb., 90c; lb., \$3.50, postage paid.

Florida High Bush—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., 5c; ½ oz., 30c; oz., 50c; 2 oz., 80c; ¼ lb., \$1.25, postage paid.

Black Beauty—Matures fully two weeks earlier than New York Purple. The grand, jet black fruits are large, perfect globe shape and very attractive. Makes an immense spreading plant, which is simply loaded with shining fruit. Pkt., 5c; ½ oz., 30c; 1 oz., 50c; 2 oz., 80c; ¼ lb., \$1.25; 1 lb., \$4.00, postage paid.

Mammoth White Pearl—The plant is a large, vigorous grower and comparatively free from thorns. Fruit pure creamy white, with slight shading of a very light green near the stem, beautiful in shape, resembling somewhat the purple variety. In eating quality it is delicious, fine grained and well flavored. Pkt., 5c; ½ oz., 20c; oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

Egg Plants ready for transplanting April 15th. Price, 25c doz., hotbed; 50c per doz. transplanted.

Endive

One ounce will produce 2,000 plants. Sow early and thin. Soon as large enough thin to 9 inches apart.

Large Green Curled—Very ornamental, its leaves being beautifully colored and delicately cut. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., \$1.75, postage paid.

White Curled—A most beautiful variety; leaves almost white. Pkt., 5c; oz., 20c; 2 oz., 35c; ¼ lb., 50c; lb., \$1.75, postage paid.

JAPAN CLOVER.

Also called Lespediza; grows anywhere; after first year will produce two tons of finest hay per acre; perfectly hardy; lasts always. Well cultivated seed will be scarce again; buy early. Price: 1 lb., 40c, postage paid. By freight, bu., 25 lbs., \$4.00.

FREE—Extras are sent with each order. Many are the kind letters we have received from our customers, who were surprised and delighted with the present of some choice seeds which were sent them free of charge. For this season we have several good things we will distribute in this manner.

Schwill's Brand
Fertilizers will
Make Large
Crops.

Try Our Special
Mixtures This
Season.



Dwarf Curled Scotch Kale.

Kale or Borecole

Sow from 2 to 3 pounds to the acre. Make excellent greens for spring and winter use. Sow in September in drills or broadcast.

Dwarf German (Curled)—Very hardy, leaves curled. Oz., 5c; 2 oz., 10c; ¼ lb., 15c; lb., 50c, postage paid.

Tall Green Curled Scotch—Taller than the German. Oz., 10c; 2 oz., 15c; ¼ lb., 25c; lb., 90c, postage paid.

Dwarf Green Curled Scotch—Plant low and compact, but with large, bright, deep green leaves, curled, cut and crimped until the whole plant resembles a bunch of moss. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c, postage paid.

Dandelion

A healthy spring salad. Sow in drills in April; thin out to 6 inches apart; cultivate all summer; next spring it will be fit to use.

Broad Leaved—Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25, postage paid.

Kohl-Rabi

One ounce will produce 2,000 plants. Sow in rows in May or June, 18 inches apart, thinning to 8 inches between the plants.

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

Leek

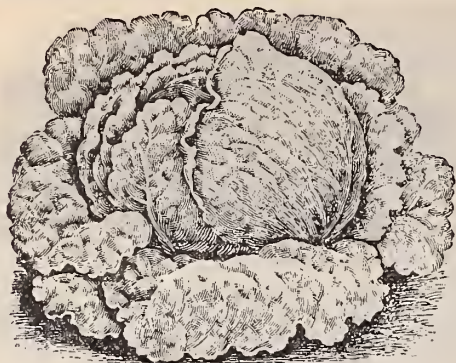
One ounce will sow 100 feet drill. A hardy species of onion.

Large London Flag—Broad leaves, of strong and vigorous growth. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; lb., \$1.50, postage paid.

American Flag—A strong growing variety, with heavy stems, stalks and leaves. A splendid sort for market gardeners on account of its splendid appearance. Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; lb., \$1.50, postage paid.



Large Green Curled Endive.



California All Heart Lettuce.

Lettuce

One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession.

Per pkt., 5c, any variety; 3 pkts., 10c.

California All Heart—For spring or fall use. Heads large, compact, crisp and white. A very desirable sort for market gardeners. Every plant heads, and the heads are uniformly shaped, very large and thick through, and of a solidity equal to that of a cabbage. They measure about 7 inches across the solid head. The leaves are slightly crumpled, of a beautiful white color. Inner leaves blend to a cream yellow. 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c; 1 lb., \$2.00, postage paid.

Schwill's Largest of All—This variety has made us a host of friends and has pleased our market gardener customers better than any sort we ever introduced. It is larger than Big Boston, stands more heat, and produces immense heads of a beautiful color. Good for private or market garden. Oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., 2.50, postage paid.

Schwill's Hard Head—An excellent spring, summer and fall variety, forming large, compact heads, light green color and fine quality. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.50, postage paid.

Mignonette—Small, solid heading, crumpled leaves, edged with reddish brown. The flavor is fine and the leaves crisp. 1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.35, postage paid.

Hubbard's Market—Matures quickly, large size, handsome appearance; crisp and tender. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

Early White Cabbage Head—One of the best, all head lettuces, standing the hot sun better than any other sort. Slow to seed. Handsome; enormous size; color, light green. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

California Cream Butter—A splendid variety for summer. Produces a very large and white head, and it will stand extreme heat. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

Wonderful—The large, white heads resemble cabbage in their solidity, and frequently weigh 2 and 3 pounds each. It withstands the heat well. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Landreth's Earliest Cutting—The earliest cutting lettuce in the market. It may be planted close, as it does not head, and affords curled, crisp, good-flavored foliage long before the heading varieties have commenced to close up. 1 oz., 25c; 2 oz., 45c; ¼ lb., 80c; 1 lb., \$2.50, postage paid.



Big Boston Lettuce.



Schwill's Largest of All Lettuce.

Virginia Solid Head—One of the best, all head lettuces, standing the hot sun better than any other sort. Slow to seed. Handsome; enormous size; color, light green. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.75, postage paid.

Large Passion—A popular variety among market gardeners; medium size cabbage, butter heading sort. 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Big Boston—This grand lettuce is steadily gaining in popularity, until now it is more extensively grown than any other variety, either for private table or by the market gardener. Whether grown in the open ground for summer and fall use or in frames for spring and early summer, or forced in green houses for winter use, it invariably gives the greatest satisfaction, producing large, fine, buttery yellow heads, thoroughly blanched leaves, crisp, tender, sweet and white. 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.25, postage paid.

Mammoth Black Seeded Butter—A cabbage headed lettuce of beautiful green color; forms large-sized, compact, tender heads. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Deacon—A good summer cabbage sort; very crisp, large and light in color. A good sort to grow for market. Oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

Hanson—Heads grow to good size, are sweet, tender and crisp. For outdoor culture it is unequalled. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postage paid.

Lapp's Best Black Seeded Butterhead—One of the best either for the market or private use. It is a compact-growing variety, forming large, dense heads of yellowish green, thick, smooth leaves, which blanch inside to a rich, creamy color. The quality is excellent, crisp and tender. ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c, postage paid.



Lapp's Best Black Seeded Butter.

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 very desirable to hurry on cabbage and onions, also to draw up wheat and oats. 25 lbs., \$1.25; 100 lbs., \$4.00; ton, \$65.00.

Lettuce

St. Louis Market—An excellent variety for early spring and summer use or for winter forcing. Heads silvery white, very firm and compact. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Boston Market—An old and popular variety for forcing; heads small and compact. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, postage paid.

Immensity—A wonderful heat-resisting new Lettuce, remaining a long time, even in the hottest weather, without going to seed. It is green outside and yellow in the center. It is one of the largest and most solid of Head Lettuces and its quality is of the best. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Grand Rapids—The most popular of all forcing Lettuce. On account of its upright habit of growth it can be grown closer than other sorts, and is less liable to rot; the leaves are light yellowish-green, excellent for shipping, and keep a long time without wilting. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.



Neapolitan Cabbage Lettuce.

ROMAINE, COS, OR CELERY LETTUCE.

These are distinct from the ordinary Lettuce, and much liked on account of their crisp, tender quality and delicate flavor. They produce long, narrow leaves, which are blanched by drawing in the outer leaves and tying.

White Cos—Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., \$1.35, postage paid.

Kingsholm Cos—Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.



Immensity Lettuce.

Black Seeded Simpson—Produces a compact mass of leaves, light color, nearly double size of ordinary Simpson. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postage paid.

Neapolitan Cabbage—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. ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

FARMOGERM—ALFALFA BACTERIA.

Inoculate your soil and make Alfalfa growing a success. High authorities and experts have shown where inoculation of the soil is positively necessary to make a good catch and to raise Alfalfa on any kind of land. Write for further information on this very important subject. Price of Alfalfa Bacteria for one acre, \$2.00.

ERRORS.

We make them—so does every one—and we will cheerfully correct them if you write to us. Try to write to us good-naturedly, but if you cannot, then write to us anyhow. Our best efforts will be put forth in filling all orders carefully, and with the additional room and facilities we hope to get along the coming season without an error of any kind. Let us have your early orders and we promise to please you.



Mammoth Black Seeded Butter Lettuce.



Black Seeded Simpson Lettuce.

We can also furnish other Standard Sorts at following prices:

Pkt., 5c; 3 pkts., 10c; ½ oz., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

Early Curled Simpson W. S. Prize Head.
Golden Queen. New York Head.
May King. White Summer Cabbage.

Gourds, Etc.

Apple Shaped Gourd—Pkt., 5c. Dutchman's Pipe—Pkt., 10c.
Balsam Apple—Pkt., 5c. Nest Egg Gourd—Pkt., 5c.
Bottle Shaped Gourd, Pkt., 5c. Orange Gourd—Pkt., 5c.
Dipper Gourd—Pkt., 5c. Ornamental Gourds—Pkt., 5c.
Hercules Club—Pkt., 5c. Pear Shaped Gourd—Pkt., 5c.
Dish Rag or Luffa—Pkt., 5c. Garden Lemon—Pkt., 5c.
Pomegranate—Pkt., 5c. Sugar Trough—Pkt., 5c.

Martynia, for Pickles

The young and tender seed pods make a very fancy pickle. These pods are of curious shapes and bear abundantly. They should be gathered when less than half grown. Pkt., 10c; ½ oz., 20c; 1 oz., 35c, postage paid.

Herb Seeds

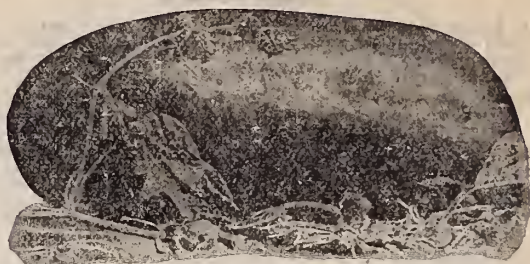
In making up your assortment of seeds for the year, don't neglect to order a few varieties of herbs. Sow seeds in shallow drills a foot apart, and when up thin out and transplant to a few inches apart.

Price, 5c per Packet, Any Variety.

Anise—Seeds aromatic and carminative.
Borage—Largely used as a salad.
Basil Sweet—For flavoring soups.
Catnip—Has medicinal qualities.
Chicory—Makes a delicious salad.
Coriander—Seeds aromatic.
Dill, Mammoth—Used for flavoring pickle.
Horehound—Used medicinally.
Lavender—For oil and distilled water.
Marjoram, Sweet—Used in seasoning meats.
Rosemary—Aromatic leaves are used for seasoning.
Savory, Summer—Used as a culinary herb.
Sweet Fennel—Seeds aromatic; flavoring.
Sage, Broad Leaved—A popular flavoring plant.
Thyme—Much used for seasoning.
Tansy—Used for making bitters.
Wormwood—Much used medicinally.



Augusta Striped Watermelon.



Kleckley's Sweet Watermelon.

Watermelons

One ounce to 40 hills, 3 or 4 pounds to the acre. Drop in the middle of spring, in hills 6 to 8 feet apart, 6 to 10 seeds, 1 inch deep, and thin to 3 best plants. Generally about the middle of April is the proper time to plant melons in this section.

5c per pkt., or 3 pkts. for 10c, any variety, postage paid, except where noted otherwise.

Florida's Favorite—This melon originated in Florida. It is an excellent variety; prolific, earlier than the Kolb Gem, Rattlesnake or Pride of Georgia, and very fine for table. It is not as good for shipping as the Kolb Gem or Rattlesnake; of medium size, colored with light and dark green stripes alternately, flesh deep red, deliciously sweet, firm and crisp. One of the best melons. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, postage paid.

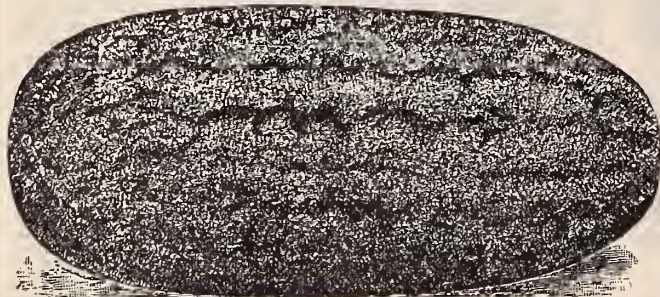
Kleckley's Sweet—This is one of the best flavored melons in cultivation, and of a shape and color that is extremely desirable. The rind is very dark green, very thin, flesh deep scarlet, fine and of delicious quality. For the home market and family garden it is decidedly one of the best. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, postage paid.

Girardeau's New Favorite—Resembles the Florida Favorite, but is larger. It is early, productive, tender and crisp; has bright red, very sweet flesh. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c, postage paid.

Arkansas Traveler—A large, long melon. Rind dark green, with waving stripes of black; interior always solid, the edible portion extending within ½ inch of the skin; flesh brilliant red, sweet, tender, crystalline, very juicy. 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.

Halbert's Honey—A large and attractive melon, oblong shape; rind dark green, flesh crimson; very sweet and tender. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, postage paid.

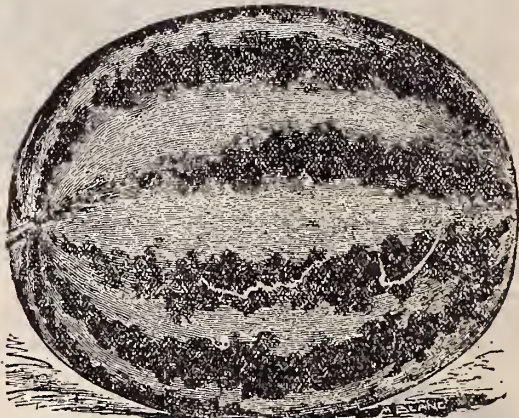
New National—The earliest large variety ever introduced. The flesh is a rich pink, crisp, tender and very sweet. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, postage paid.



Florida Favorite Watermelon.

Cole's Early—A great favorite for a large area of different climates. Fruit medium sized, oblong, striped and mottled. Flesh bright red, solid, and of fine, sweet flavor. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, postage paid.

Augusta Striped—One of the sweetest melons grown, medium size, striped; flesh red. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.



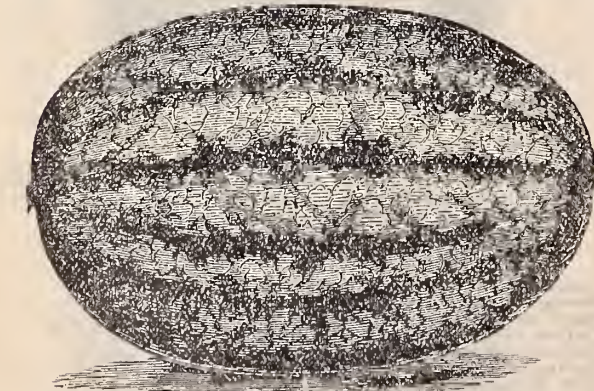
Cuban Queen Watermelon.

Harris' Earliest—A new extra early variety. It is the melon to plant for profit. Very good size, weighing from 15 to 20 lbs; flesh bright red, juicy and sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, postage paid.

Jordan's Gray Monarch—Of the largest of melons and a fine shipper, carrying well for long distances. It is long in shape, with skin of mottled gray color and bright crimson flesh. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, postage paid.

Cuban Queen—Grows to a large size, oval in shape, skin marked regularly, flesh crisp, juicy and sugary. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, postage paid.

Phinney's Early—Few, if any, of the early sorts of recent introduction surpass this old favorite. It is one of the first to ripen, of good size and productive. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, postage paid.



Seminole Watermelon.

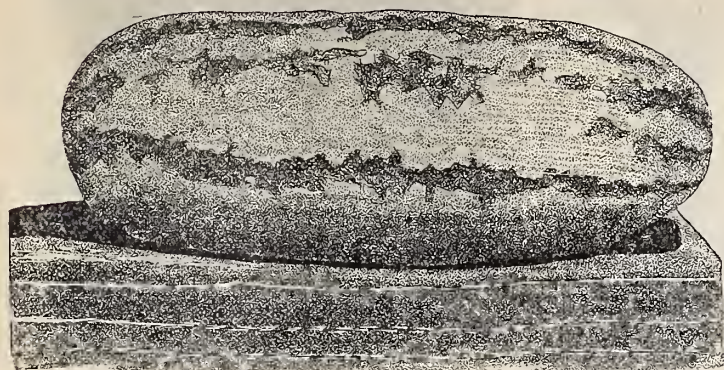
Seminole—It is extra early, enormously productive, extra large and of most delicious flavor. It is of two distinct colors, gray and light green. The gray color predominates, about one-fourth of the melons being the light green color. Melons of both colors are found on the same vines. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, postage paid.

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

Watermelons



Branch's Superb Rattlesnake Watermelon.



Mammoth Ironclad 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. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.

Branch's Superb 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 stripes. Georgia grown seed. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

The Bradford—A fine flavored, large, shipping melon, oblong in shape, with rather square ends. The skin is very dark green with darker stripes. The flesh is very tender and solid. Dark red in color, and of excellent flavor. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 80c, postage paid.

Black Diamond—Immense size; grows to average 75 to 90 pounds; rich, dark green, uniform, round to oval shape; flesh deep red, of fine quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, postage paid.

Mammoth Ironclad—Excellent; of large size and weight, averaging nearly 50 pounds each. The flesh is deep red and of a delicious rich flavor. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

Sweet Heart—Fruit large, oval, uniformly mottled, light and dark green; rind thin, but firm; flesh red, solid, melting and sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, postage paid.

Boss—Early oblong-shaped. Flesh deep scarlet and unusually sweet flavored; skin dark green; rind very thin and tough. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, postage paid.

Georgia Rattlesnake, or Gypsy—Large, oblong, striped; flesh red, of fine quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, postage paid.

Conqueror, Anti-Wilt Watermelon—Entirely wilt-resistant, and at the same time a fine shipper and a fine eater. Melons average 30 to 50 pounds; vines hardy, vigorous and stand the heat; a superb new variety for market. Pkt., 10c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.50, postage paid.

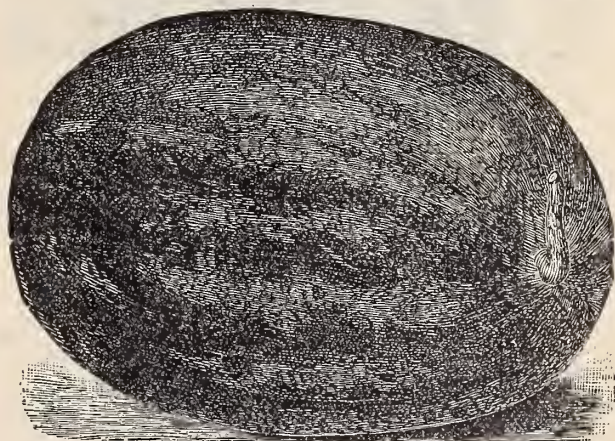
Peerless (Ice Cream)—Of medium size, thin rind, light mottled green, flesh bright scarlet, solid to the center and sweet as honey. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, postage paid.

Mountain Sweet—Large, oblong, dark green; flesh solid and very sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

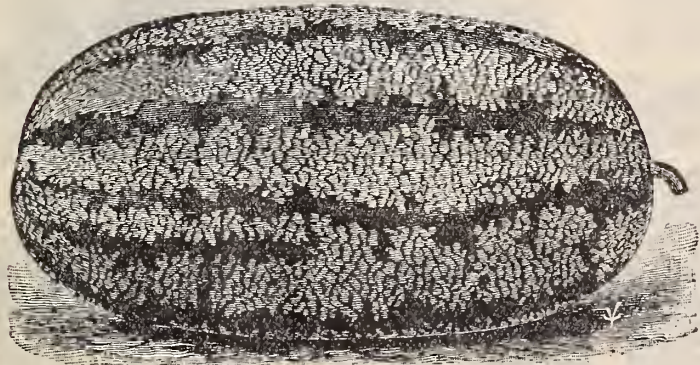
Monte Cristo—Unequaled for the home patch or for nearby markets. Vine very productive; of the most luscious medium-sized oval melons, with a dark green rind; flesh is bright red, sweet and tender. We do not recommend this variety for shipping, as the rind is so tender it is liable to crack. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 85c, postage paid.

We can also supply the following standard varieties, descriptions of which are well known. Prices as follows, postage paid. Any variety, 5c pkt.; 3 pkts., 10c.

	1 oz.	2 oz.	¼ lb.	1 lb.
Kolb Gem .....	.10	.15	.20	.50
Dixie .....	.10	.15	.20	.50
Triumph .....	.10	.15	.20	.50
McIver's Wond. Sugar.....	.10	.15	.25	.60
Red Seeded Citron .....	.15	.20	.35	.75



Black Diamond Watermelon.



The Bradford Watermelon.

GREENHOUSE ORDERS

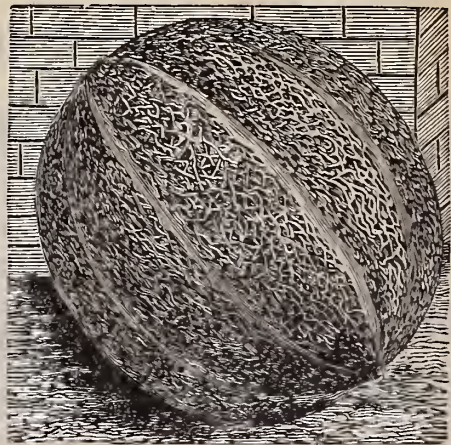
All orders for flowering plants, roses, geraniums, etc., will be sent to our customers separately from seeds or nursery stock, etc. We cannot pack these tender plants with other merchandise.

Cantaloupe or Musk Melon

One ounce will plant about 50 hills, 2 pounds to the acre. The soil best adapted to the culture of Melons is a warm, rich, sandy loam. Plant in hills 5 or 6 feet apart each way, 10 or 12 seeds in a hill. When they begin to vine, thin out, leaving only 4 of the most thrifty. As melons are very sensitive to cold, they should not be planted till the settled warm weather begins—in this latitude, about the middle of April.

Price, 5c per pkt., any variety, or 3 pkts. for 10c.

Rocky Ford—The Melon that made Rocky Ford, Col., famous. One of the earliest and best melons grown. The vines are exceedingly healthy and vigorous, comparatively short and branching, producing an enormous quantity of fruits during the season. The melons are very uniform in size and shape, being nearly round or slightly oval. Skin a rich greenish gold when fully ripe; the netting is fine and prominent. In appearance the melon is very attractive. The flesh is light green in color, very deep, ripening clear to the rind, which is very thin. In flavor it is peculiarly rich, juicy, luscious and free from stringiness. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.



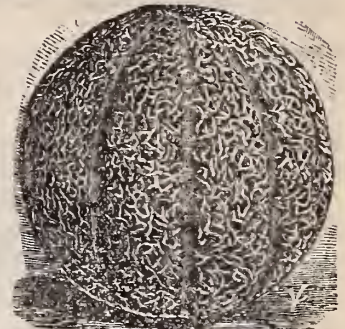
Rocky Ford Cantaloupe.



Hoodoo Cantaloupe.



Schwill's Sweet Nutmeg Cantaloupe.



Early Netted Gem Cantaloupe.

Schwill's Sweet Nutmeg—Grows medium size, and in flavor and sweetness is unexcelled by any other sort; shape nearly globular; well covered with coarse netting; well ribbed; flesh sweet and sugary to the rind. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.



Improved Large Baltimore Cantaloupe.

Ebbett's Thoroughbred Rocky Ford Cantaloupe—This is without doubt the finest strain of Rocky Ford on the market. Every melon is subjected to a rigid examination before being selected for seed, and they must conform to a standard set down by what the originator claims is the embodiment of an ideal melon. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postage paid.

Hoodoo—It is similar in shape to the Rocky Ford, but slightly flattened from stem to blossom end. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Banana—An entirely distinct variety, bearing long, slender, banana-like fruit; skin creamy white and entirely free from netting. Flesh deep salmon color, thick and of good quality. 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.

Improved Large Baltimore—This is one of the best of large Cantaloupes for main crop. The flesh is thick, of a beautiful deep rich green color, and of excellent flavor. It is well ribbed and thickly netted; a splendid cantaloupe, whether for home use, market or shipping. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Anne Arundel—Large, oblong, ribbed and netted; matures its handsome fruit early. Flesh very thick, light green, and flavored sweet and luscious. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

RELIABLE SEEDS.

Successful seeds true to name, seeds that will grow, is what you get when you plant **Schwill's Seeds**. The market gardeners' 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 Bluff City Brand Seeds**.

Grand—Grand in name, grand in earliness, grand in vigor, grand in yield, grand in flavor. This new Melon is about 10 days earlier than Osage. Has a very vigorous vine, and because of its vigorous growth is a great yielder. The fruit is about 6 inches in diameter, round or slightly elongated, slightly ribbed. Color, a peculiar pea green, with netting a lighter shade. The flesh is firm, fine grained, of a rich salmon or red color. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Miller's Cream—Medium size, round shape, salmon colored, very thick flesh, with smooth, grayish skin. 1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 55c, postage paid.

Early Netted Gem—Early; good quality, very attractive; flesh very sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, postage paid.



Anne Arundel Cantaloupe.

Price List Standard Cantaloupes

	Prices, Postage Paid.			
	1 oz.	2 oz.	¼ lb.	1 lb.
Baltimore or Acme .....	.10	.15	.25	.80
Burpee's Netted Gem .....	.10	.15	.25	.70
Emerald Gem .....	.10	.20	.35	1.25
Extra Early Hackensack .....	.10	.15	.25	.70
Large Hackensack .....	.10	.15	.25	.75
Montreal Market .....	.10	.20	.40	1.25
Paul Rose .....	.10	.20	.35	1.00
Prolific Netted Nutmeg .....	.10	.15	.25	.80
St. Louis Market .....	.10	.20	.35	1.00
Tip Top Nutmeg .....	.10	.20	.40	1.25



Mustard

One ounce will sow about 80 feet of drill. For early salad sow in February, and for general crop at intervals through the spring, in rows 6 inches apart, and rather thick in rows.

Pkt., 5c; 3 pkts., 10c, any variety.

Chinese Mammoth or Smooth Leaf Mustard—This is a valuable addition to our list; has broad, smooth leaves that are very crisp and tender. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, postage paid.

Fordhook Fancy—A distinct variety; darkest green leaves of immense size and finely curled. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, postage paid.

Southern Giant Curled—Very popular in all sections of the South. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 50c, postage paid.

White or Yellow London—1 oz., 5c; ¼ lb., 15c; 1 lb., 40c, postage paid.

Brown or Black—1 oz., 5c; ¼ lb., 15c; 1 lb., 40c, postage paid.

Mushroom Spawn

Mushrooms can be grown in cellars, in sheds, in hotbeds, or sometimes in open air. Fermenting horse manure at a temperature of about 70 degrees, mixed with equal weight of fresh sod loam, is made into beds the size required, 8 inches deep. See to it that the bed is packed very solidly and evenly. In this bed plant the broken pieces of spawn, 6 inches apart, covering the whole with 2 inches of light soil, and protect from cold and rain. The mushrooms will appear in about 6 weeks. Water sparingly with luke-warm water. Full cultural directions free with order if requested.

Best English—Fresh. Prices, by mail, postpaid: In bricks of about 1¼ lbs., each, 40c; not prepaid, 25c per brick.

Pure Culture Spawn—One brick, 45c; 3 bricks (4 lbs.), \$1.25, postage paid. Not prepaid, 1 brick, 25c; 3 bricks, 60c. Special prices on larger quantities.



Early Dwarf Green Okra.

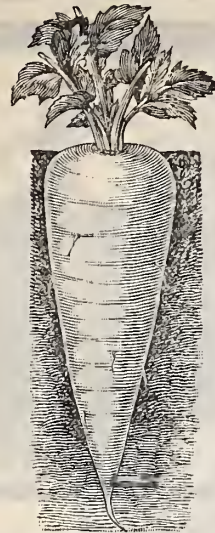
Okra

One ounce will plant 100 hills. In mild climate plant late in spring, after the ground has become warm, in hills about 2½ feet apart, and thin to 3 plants in a hill. Pkt., 5c; 3 pkts., 10c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, postage paid, any variety.

White Velvet Pod—A beautiful, prolific, smooth, round pod Okra; tender and well flavored.

Tall, or Long Green—Pods long, slender, dark green, tender.

Early Dwarf Green—Early; pods short and very numerous; prolific.

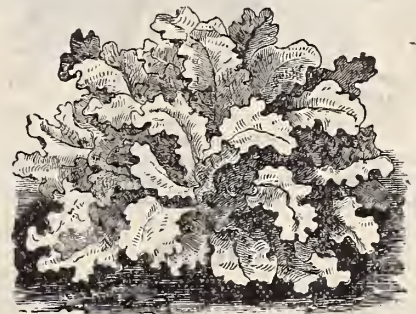


Sugar or Hollow Crown Parsnip.



Parsnip

One ounce will sow 200 feet of drill, 5 pounds required for one acre. They do best on a deep, rich, sandy soil, but will make good roots on any soil which is deep, mellow and moderately rich. As the seed is sometimes slow to germinate, it should be sown as early as possible in drills 2 feet to 2½ feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 5 or 6 to the foot.



Southern Giant Curled Mustard.

Sugar, or Hollow Crown—Roots very long, white, smooth, tender. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postage paid.

Long, Smooth—Roots very long, sugary and of most excellent flavor; very hardy. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, postage paid.



Champlon Moss Curled Parsley.

Parsley

One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes 2 or 3 weeks will elapse before the plants will make their appearance. It often fails entirely in dry weather.

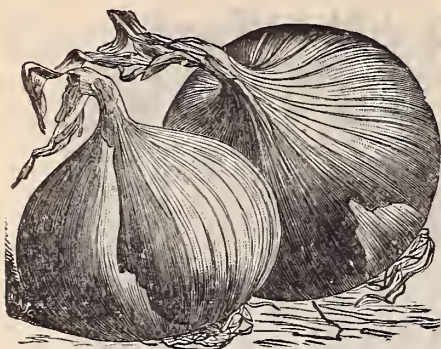
Pkt., 5c; 3 pkts., 10c, Any Variety.

Curled or Double—Leaves crimped or curled; used principally as a garnish for the table. 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.

Champion Moss Curled—A choice, selected strain, with beautifully crimped and curled leaves. 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c; 1 lb., \$1.50, postage paid.

Hamburg Turnip-Rooted—The root, which resembles a small parsnip, is the edible portion of this variety; extensively grown and used for flavoring soups, etc. Prices, by mail, postage paid: 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c.

Plain or Single—Stronger in flavor than the double varieties. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.



Australian Brown Onion.



Yellow Globe Danvers Onion.

Onion Sets

One quart to 20 feet of drill; 6 to 8 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 to the bushel.

Onion Sets.	By Mail		By Express or Freight at Purchaser's Expense	
	Postpaid	½ Pk.	Pk.	Bu.
Yellow	\$.25	\$.35	\$.60	\$2.00
Dark Red .....	.25	.35	.60	1.90
White .....	.25	.40	.75	2.25
Yellow Potato .....	.30	.75	1.40	4.00
White Multiplier .....	.40	....	....	....
Egyptian Tree .....	.20	.40	.70	2.25

CHIVES—Schultlauch.

Very small hardy onions, used for salad.

Plants—Per clump, 25c; by mail 40c.
Seed—Pkt., 15c; ½ oz., 40c; oz., 75c.

Onion

Culture—One ounce will sow 100 feet of drill; 6 pounds will plant one acre. A deep, rich soil, thoroughly worked, is best for this crop. Sow thinly in shallow drills about 12 inches apart; when the plants are about 3 inches high, thin to 3 or 4 inches, according to variety. Price, 5c per pkt., any variety; 3 pkts. for 10c, postage paid.

Large Red Wethersfield—One of the best large red varieties, good keeper. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25, postage paid.

Large Red Globe—A large, red, globe shaped variety, and the best keeper. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25, postage paid.

Australian Brown—This is a new variety of remarkable keeping qualities. Onions of this variety have been kept in perfect condition the year around. The onions are of medium size, somewhat flattened, but deep through and of a light reddish brown color. They mature very early, being two weeks earlier than Yellow Danvers. 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., \$1.40, postage paid.

Large Yellow Globe Danvers—A standard sort, grows to a large size. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

Mammoth Silver King—Grows to an enormous size; weighing 3 lbs. It matures early. The skin and flesh pure white and remarkably mild. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.



Golden Cushaw Pumpkin.

Schwill's Brand
Fertilizers will make
Large Crops.
Try our
Special Mixtures
this Season.



Kentucky Yellow Field Pumpkin.

Early White Pearl—Bulb flat, skin and flesh pure white. 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., \$1.50, postage paid.

Price List of Standard Onion Seed

Postage Paid.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Dark Red Italian Onion...	.05	\$.25	\$.40	\$.75	\$2.50
Prizetaker .....	.05	.15	.25	.40	1.30
Southport White Globe...	.05	.20	.35	.50	1.90
White or Silver Skin.....	.05	.20	.35	.50	1.85
Yellow Flat Danvers.....	.05	.15	.25	.35	1.10

Pumpkin

Culture—One pound will plant 40 hills; 5 pounds will plant an acre. Plant in hills 8 or 10 feet apart each way, allowing 4 seeds to a hill. In other respects they are cultivated as melons and cucumbers. Price any variety 5c per pkt., 3 pkts. 10c.

Golden Oblong—Color rich golden orange with no green ends; flesh yellow, of rich and extra fine quality; good keeper. 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

King of the Mammoth—A giant variety, enormous in size. Try a few if you want to take a prize at your country fair. 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

Large Golden Cheese—A fine, large, flattened pumpkin of splendid quality. Excellent for cooking. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, postage paid.

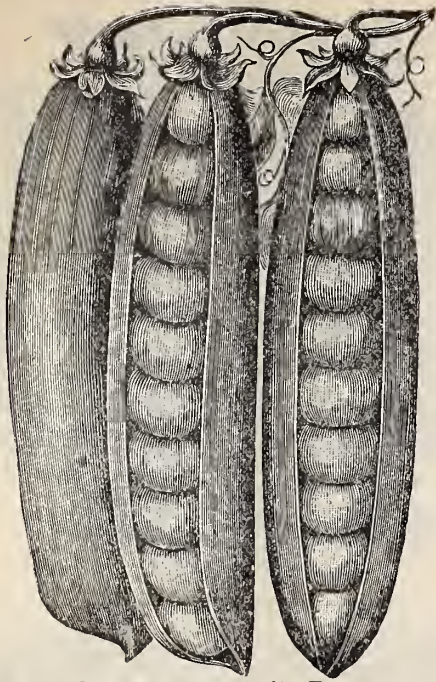
Golden Cushaw—Most popular. Flesh light cream color, solid and sweet. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.

Kentucky Field—Splendid for stock feeding. Grows to a large size; round and of yellow color. 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 50c, postage paid.

Price List Standard Pumpkin

Postage Paid.

	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Japanese Pie Pumpkin...	\$.05	\$.10	\$.15	\$.25	\$.75
Striped Cushaw .....	.05	.10	.15	.25	.75
White Cushaw .....	.05	.10	.15	.25	.75
Tenn. Sweet Potato.....	.05	.10	.15	.25	.65
Connecticut Yellow Field.	.05	.10	.15	.20	.50



Gradus or Prosperity Peas.



Schwill's Extra Early Market Peas.

Peas

Culture—One quart for 75 feet of drill, 2 to 3 bushels for an acre. Peas mature earliest in a light, rich soil; for a general crop, a deep, rich loam or inclining to clay, is the best. When grown in the garden, sow in double rows, 6 to 8 inches apart. When grown for a market crop, sow in single rows, 1 inch apart, and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to the variety. Begin sowing the extra early varieties as soon as the ground can be worked in February; continue for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing the extra early sorts for fall use. They should be kept clean, and earthed up twice during growth. The wrinkled varieties are not as hardy as the smooth sorts, and if planted early should have a dry soil, as they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited for small gardens. All varieties marked * are wrinkled sorts and should not be planted until ground is warm, about March 1st. All wrinkled Peas weigh 56 lbs. to the bushel; smooth varieties, 60 lbs.

Crop of Peas very short. All prices subject to change.

Extra Early Peas

Bountiful—The earliest of all Peas at the present time. Similar to Alaska, only with smaller vines and pods; seed round, smooth and bluish color; quality fair. Season almost a week earlier than Alaska. Pkt., 15c; ½ pt., 20c; pt., 30c; qt., 50c, postage paid. By express, 1 qt., 35c; 4 qts., \$1.25.

Ameer—A new and valuable strain of the popular Alaska pea, the distinctive superiority being that it makes much larger pods and is more prolific. The vines grow about the same height, but the superiority in size of pods and yield makes it a most valuable acquisition. Pkt., 15c; ½ pt., 20c; pt., 35c; qt., 60c, postage paid. By express, 1 qt., 45c; 4 qts., \$1.50.

Saxonia Peas—The pods are 3½ to 4 inches long, or 50 per cent. larger than the best strains of First and Best. Matures for market quite as early as the latter. Pods appear in great quantities, mostly in pairs, and are of the shape of Alaska, but twice the size. Pkt., 20c; 2 pkts for 35c; pt., 50c; qt., 75c, postage paid. By freight, 1 qt., 60c; 4 qts., \$2.00; pk., \$3.00.

Schwill's Extra Early Market—This makes one of the largest podded and most productive of all the smooth-seeded extra early peas. The vines grow about 30 inches in height, and can all be gathered in two pickings. The pods are remarkably well filled, and the peas sweet and fine flavored. A most satisfactory, prolific early sort, both for the market gardener and the home garden. Pkt., 10c; ½ pt., 20c; 1 pt., 30c; 1 qt., 50c, postage paid. By express, 1 qt., 35c.

Clauditt—This is the finest extra early Pea that has yet been introduced. The pods are of a deep green color and are produced in immense quantities; 2½ feet. Larger than Alaska and fully as early. Pkt., 15c; ½ pt., 25c; 1 pt., 35c; 1 qt., 60c, postage paid. By express, 1 qt., 45c; 4 qts., \$1.25; pk., \$2.50.

Alaska—The earliest blue Pea, very uniform in growth. The dark green color of the pods makes it extremely desirable; 2 feet. Pkt., 10c; ½ pt., 15c; 1 pt., 30c; 1 qt., 50c, postage paid. By express, 1 qt., 35c.

***McLean's Little Gem**—One of the best and most desirable dwarf varieties grown. It grows about 15 inches in height, of compact habit and a large cropper. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 50c, postage paid. By express, 1 qt., 35c.

***Gradus or Prosperity**—This is the earliest large podded Pea in cultivation. The peas are tender, sweet, of extra large size; pods average 4 to 4½ inches long and contain from 8 to 10 peas of enormous size and excellent quality. Pkt., 15c; ½ pt., 20c; 1 pt., 30c; 1 qt., 60c, postage paid. By express, 1 qt., 45c.

Schwill's Supreme Extra Early—An extra early strain of the early white seeded round smooth Pea. The essential points of the extra early pea are earliness, evenness in ripening (so one picking will gather the crop) and uniformity of type. Our strain combines all these features. There is no better. Pods 2½ to 3 inches long, 5 to 7 peas in a pod, vine 20 to 26 inches high. Pkt., 10c; ½ pt., 20c; 1 pt., 35c; 1 qt., 60c, postage paid. By freight, 1 qt., 45c; 4 qts., \$1.50; pk., \$2.75.



Clauditt Peas.

Standard Garden Peas

We can furnish the following varieties. Prices uniform; Per pkt., 10c; ½ pt., 20c; 1 pt., 30c; 1 qt., 50c, postage paid. By freight, 1 qt., 35c; 4 qts., \$1.25; pk., \$2.40.

*American Wonder
*Early Surprise
Ex. Ea. Tom Thumb
Rural New Yorker
Thos. Laxton

*Not's Excelsior
First & Best Ex. Ea.
Early May
Sutton's Excelsior



Fill Basket Peas.

PEAS Medium Crop

***Alderman**—A new main crop Pea, and the largest podded, tall growing variety ever introduced. The pods are produced in great profusion, mostly in pairs, and attain the extraordinary length of 6 and 7 inches, being mostly packed with from 10 to 12 green, luscious peas of most mellow flavor. Pkt., 10c; ½ pt., 20c; 1 pt., 30c; 1 qt., 50c, postage paid. By express, 1 qt., 35c; 4 qts., \$1.25; pk., \$2.50.

Fill Basket—A variety for the family garden; big cropper, continuous bearer, fine quality; sweet, tender and delicious flavor; vine 34 inches. Long pods and well filled. It is second early, and can be recommended for the use of market gardeners, being very prolific. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c, postage paid. By express, 1 qt., 30c.

***Bliss' Everbearing**—Roundish pods, containing 6 to 8 large wrinkled peas of excellent quality; 2 feet. Price the same as Fill Basket Peas.

Sugar Edible Pod Peas

Luscious Sugar—Without an equal among edible podded sugar peas for sweetness, succulence and tenderness. Sliced and boiled and served with butter or sauce, they make a most tempting and delicious dish. The vines grow 5 or 6 feet high, requiring support; the pods are 6 to 7 inches long and 1½ inches broad, and are produced continuously for a considerable period. The peas, when shelled like other peas, are equal to the sweetest wrinkled variety. Pkt., 10c; ½ pt., 20c; 1 pt., 35c; 1 qt., 60c, postage paid. By express, 1 pt., 25c; 1 qt., 45c.

Mammoth Melting Sugar—They are used in the same way as snap or string beans. The best of these edible podded sorts is the Melting Sugar, of which we offer a very fine strain. Vines 3 to 4 feet high. Pkt., 10c; ½ pt., 20c; 1 pt., 35c; 1 qt., 60c, postage paid. By express, 1 pt., 25c; 1 qt., 45c.

Dwarf Sugar—The old variety of the edible-podded sort, and is used in no other way. Grows about 2 feet high, and is remarkable for its earliness. Pods are broad, flat and crooked and contain 5 to 6 peas. Pkt., 10c; ½ pt., 20c; 1 pt., 35c; 1 qt., 60c, postage paid. By express, 1 pt., 25c; 1 qt., 45c.

Tall Sugar—Grows 3 feet tall, edible pods. Price the same as Dwarf Sugar Peas.

Late Varieties

***Telephone**—The favorite late variety for the market gardener. Extra large pods. This Pea has proved to be a most valuable introduction. Vine large, coarse leaves, height about 4 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., 15c; ½ pt., 20c; 1 pt., 30c; 1 qt., 60c, postage paid. By freight, 1 qt., 45c.

Improved Sugar Marrow—Much better than the old Marrowfat; pods larger, well filled and of the true marrow flavor. Pkt., 10c; ½ pt., 15c; 1 pt., 25c; 1 qt., 45c, postage paid. By express, 1 qt., 30c; 4 qts., \$1.00; pk., \$1.50.



Improved Sugar Marrow Peas.

***Champion of England**—Green, wrinkled, great favorite; unsurpassed in quality and productiveness; 4 to 4½ feet. Pkt., 15c; ½ pt., 25c; 1 pt., 35c; 1 qt., 60c, postage paid. By express, 1 qt., 45c; 4 qts., \$1.50; pk., \$2.75.

Large White Marrowfat—Pkt., 10c; ½ pt., 15c; 1 pt., 25c; qt., 45c, postage paid. By express, 1 qt., 30c.

Large Blackeye Marrowfat—Price the same as White Marrowfat.



Telephone Peas.

GIVE US A CHANCE

On your order, no matter how large or small it may be. If you can buy cheaper, write us at the time you are ready to buy, and we will quote you special prices, according to the market value at that time.

SEED POTATOES.

This is one of our specialties. We handle only the BEST varieties adapted to the South—Red Triumph, White Triumph, Bovee, Early Ohio, Early Rose, etc. Pure stock at reasonable prices.

ONE FREE SEED SOWER.

With every cash order of Grass Seeds, Clover, Oats, etc., amounting to \$20.00 or more at catalogue prices, we will give you free one excellent Broadcast Seeder. This machine will do fine work, sow evenly and well all kinds of grains, clover, grass, cow peas, sorghum seeds. We will send it free on orders as stated above.

Don't fail to take advantage of this liberal offer.



Chinese Giant Pepper.

Pepper

One ounce will produce 1,000 plants. Sow early in spring in hotbed and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.

Chinese Giant—The most desirable variety of recent introduction; of extremely large size, single specimens averaging 10 to 15 inches in circumference. On account of its size it is highly valued for mangoes. The flesh is thick, tender, mild and sweet. Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., \$1.50, postage paid.

Mammoth Sweet—Plants very productive, growing upright, with moderately large leaves. Fruit very large, long, often 8 inches or more in length by 2 in diameter, very smooth and handsome, being when unripe of a bright deep green color, entirely free from any purple tinge, and when matured of a rich red. Flesh very thick, sweet and mild flavored. Well suited to use as a stuffed pickle. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

Neapolitan Sweet—One of the largest and earliest of all. The peppers, which are produced in great abundance, are bright red, sweet and mild. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

Crimson Giant—The first to mature of the extra large varieties and surpassed by none in evenness of size and shape. The fruits average heavier than any other large Peppers as the flesh is unusually thick. When matured the color is deep crimson, flavor very mild. The plant grows upright, is vigorous, larger than the Chinese Giant and more productive. Pkt., 10c; ½ oz., 25c; 1 oz., 40c; 2 oz., 70c; ¼ lb., \$1.25, postage paid.

Tobasco—Bush two feet high; small, long, bright red fruits; very pungent. Pkt., 10c; 1 oz., 50c, postage paid.

Bird's Eye, or Creole—No peppers are hotter or more fiery than these little "Bird's Eyes" or Creole Peppers, as they are called. Pkt., 10c; 1 oz., 35c, postage paid.

Mixed Mango Peppers—A mixture containing a large number of varieties suitable for stuffing. Pkt., 10c each; 3 pkts., 25c, postage paid.

Mixed "Red Hot"—Includes a great number of small and ornamental sorts which are as "hot as fire." Pkt., 10c; 3 pkts., 25c, postage paid.

Standard Peppers

Postage Paid.

	Pkt.	½ oz.	1 oz.	2 oz.	¼ lb.
Bell or Bullnose	.05	.10	.20	.35	.60
Celestial	.05	.15	.25	.40	.70
Golden Dawn	.05	.15	.25	.40	.70
Long Red Cayenne	.05	.10	.20	.35	.60
Red Chili	.10	.15	.30	.50	.75
Red Cherry	.10	.15	.30	.50	.75
Ruby King	.05	.10	.20	.35	.60

PEPPER PLANTS READY APRIL 15TH.

Price 25c doz.; \$1.50 per 100. By express only.

Varieties:

Bell Bullnose	Chinese Giant
Ruby King	Long Red Cayenne

Sweet Potato Plants

	Ready April 15th.	1000
Genuine Yellow Yam	\$.25	\$2.00
Southern Queen	.25	2.00
Early Yellow Strasburg	.25	2.00
Nancy Hall	.40	2.50
Early Triumph	.40	2.50
Red Brazilian	.35	2.50



Mammoth Sweet Pepper.

Bunch Yam Potato Slips

	100	1000
Ready April 15th.		
Spanish Bunch Yam	\$.35	\$2.50
Yellow Bunch Yam	.35	2.50
Gold Coin Bunch Yam	.35	2.25

Send cash with orders. All plants must go by express, at purchaser's expense. We cannot send them by mail.

Seed Sweet Potatoes

All prices here given are packed f. o. b. cars Memphis. Purchaser must pay carrying charges.

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. We advise express shipments, thus avoiding any delay, and they will be in good condition when they reach you. Complaints have been very 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. No sweet potatoes shipped before March 15th.

NOTE—All of the so-called Vineless Bunch Yam Sweet Potatoes if planted in rich soil, make a slight vine. They do not grow erect, bush form. We get the best, purest stock obtainable; we make no guarantee whatever on same.

	Pk.	Bu.
Nancy Hall—Skin yellow; meat, which is a clear amber color, is as sweet as honey; matures early and is an immense yielder.	\$1.00	\$2.50
Yellow Bunch Yam—Finest quality yellow skin and flesh	.75	2.00
Spanish Bunch Yam—Early, productive, good for market	.60	1.75
Gold Coin Bunch Yam—Dark yellow flesh, fine keeper	.75	2.00
Genuine Yellow Yam—The old reliable running yam	.60	1.75
Southern Queen—Matures very early; very productive	.60	1.60
Early Triumph Sweet Potato—Flesh bright light yellow, of good size, oblong; very prolific, and three weeks earlier than the medium late potato; a remarkably valuable potato; very large, smooth skin, cook soft. The originator says: "Skin russety white, flesh creamy yellow, fine quality. Tubers large, oval oblong, and very attractive. Enormously productive and keeps late."		
	Pk., \$1.60; bu., \$2.50.	

Schwill's Trial Collection

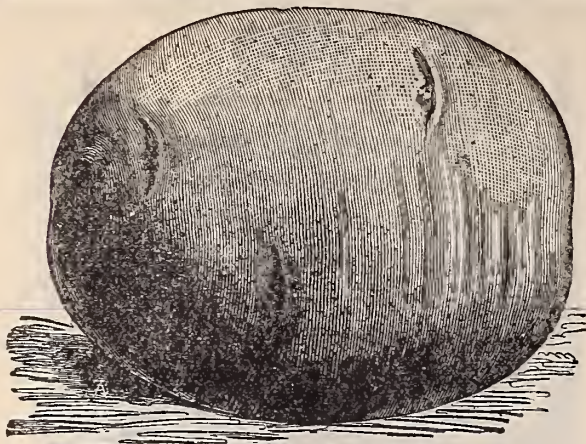
5 Packets of Seed for 10c

Send us 10c and the names and addresses of two people who plant gardens, and we will mail you the following five packets of flower seed:

- Sweet Alyssum
- Sweet Mignonette
- Mixed Pansy
- Mixed Poppy
- Mixed Sweet Peas



Nancy Hall Sweet Potatoes



Early Ohio Potato.

Seed Potatoes

One peck will plant 125 hills in drills; 8 to 10 bushels per acre. The potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil, about 4 inches deep.

Fertilizer for Potatoes—Stable manure gives splendid results with potatoes. This application may be made in the furrow before planting, provided the manure is not too fresh, otherwise it should be broadcasted. If stable manure is not to be had, one should use at least 400 pounds of high grade complete fertilizer in drills to the acre. In addition to this, 50 to 100 pounds of muriate of potash or 200 pounds of kainit should be mixed with the fertilizer. Potatoes require a great amount of potash, and it has been proven that it can be economically applied. All transportation charges must be paid by the buyer.

Early Ohio

This well known trucker's favorite is a short, thick, round oblong potato, of quite peculiar appearance. In color it is dull red. It matures a week earlier than Early Rose. The flesh is solid, and of extra good flavor and mealy quality. Its extreme earliness and the fact that it is mealy when partially grown, makes it a great favorite with market gardeners and fully atones for its lack of beauty. It is not remarkable as a heavy bearer, but its character sells it, and compels many truckers to call it their most profitable early sort. **Pk., 60c; bu., \$1.80; 2½ bu. bag, \$4.00.**



Bliss' Early Red Triumph Potato.

Bliss' Early Red Triumph

One of the best early potatoes, combining the productiveness of the Peerless with the excellent qualities of Early Rose. It is more prolific than the former and much earlier than the latter. Tubers are medium in size, round and very uniform in shape; eyes slightly depressed and color of a beautiful light red and is a standard variety. **Northern seed, pk., 50c; bu., \$1.60; 2½ bu. bag, \$3.75. Tennessee second crop seed, pk., 75c; bu., \$1.75; 2½ bu. bag, \$4.00.**

Early Six Weeks—A very early potato, claimed to mature in six weeks, and especially recommended for early markets and family use. A very large yielding variety, smooth skin, slightly blushed, shallow eyes and of good appearance. They are of fine texture, good quality, cook mealy and white. **Pk., 75c; bu., \$2.00; 2½ bu. bag, \$4.50.**



Irish Cobbler Potato.

Irish Cobbler Potatoes

We have never sold a variety of potatoes of which we have received more uniformly satisfactory and enthusiastic reports from our customers, and we recommend it strongly as 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.

Maine-Grown Irish Cobblers—Per pk., 75c; bu., \$1.85; 2½ bu. bag, \$4.25. Write for prices in quantity.

Second Crop Irish Cobblers—Grown from selected Maine-grown stocks. **Pk., 75c; bu., \$1.75; 2½ bu. bag, \$4.00.**

Green Mountain—A large, handsome, oval white potato, medium late. One of the finest eating potatoes known to the trade. Shallow eyed, fine textured, well flavored and a most prolific yielder. It is not susceptible to diseases, and is fast becoming the standard white potato for late planting in this country. **Pk., 75c; bu., \$1.70; 2½ bu. bag, \$4.00.**

All prices on Seed Potatoes subject to important market changes.



Genuine Early Rose Potatoes.

	Pk.	Bu.	2½ Bu.
Genuine Early Rose	.50	\$1.40	\$3.25
New York Early Peerless	.50	1.35	3.10
New York Burbank	.50	1.25	3.00
Early Bovee	.60	1.50	3.50

Fall Potatoes

FOR PLANTING IN JULY AND AUGUST.

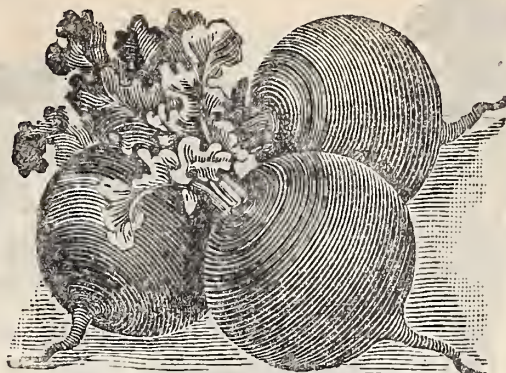
We usually carry in specially arranged cold storage, Triumph Seed Potatoes, so as to be able to ship them in sound, vigorous condition in June and July. To customers who desire to purchase any quantities, we shall take pleasure in quoting prices at which we can reserve potatoes for them for shipping 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 hook your order in time. Write for terms and prices.



Early Scarlet Turnip
White Tip Radish.



Cincinnati
Market Radish.



Early Bird Radish.

Radish

All varieties thrive best in light, sandy soil. For early use sow in hotbed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the soil about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp, mild and tender. One ounce for one hundred feet of drill; 8 to 10 pounds for an acre. Pkt., 5c; 3 pkts., 10c, any variety.

Early Scarlet Turnip, White Tipped—One of the handsomest of the turnip radishes and a great favorite. Roots slightly flattened on the under side; color very deep scarlet, with a distinct white tip; flesh white and of the best quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, postage paid.

Early Scarlet Turnip—A well known and highly esteemed variety, extensively grown for market. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, postage paid.

Early White Turnip—Pure white, fine for early use. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, postage paid.

Cincinnati Market—This is a selection of the Long Scarlet, with exceedingly small tops, and grows from 6 to 7 inches long; of a beautiful bright scarlet color with a very delicate skin; one of the best and most attractive market varieties. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, postage paid.

French Breakfast—Scarlet, with white tip, shape nearly oval. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, postage paid.

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. 1 oz., 10c; ¼ lb., 15c; 1 lb., 50c, postage paid.

California Mammoth White—A winter variety, growing 12 inches long; white fleshed, firm and of excellent quality. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

Early Bird Radish—One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape. Is ready in 28 days. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, postage paid.

Half Long Deep Scarlet—A half long deep scarlet Radish. Is much grown in the South for early shipment. In quality it is brittle and juicy. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, postage paid.

White Icicle—Snow white, very brittle and crisp. A beautiful long handsome Radish of rapid growth. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, postage paid.

Deep Scarlet White Tip Forcing—One of the best and showiest forcing sorts, tops small, flesh crisp and mild. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 65c, postage paid.

Sakurajima (Mammoth Japan)—Sow early in rich soil; the largest sort in cultivation. In Japan it grows as much as 21 inches long and 43 inches in circumference. Pkt., 10c; 1 oz., 25c; ¼ lb., 75c; 1 lb., \$2.50, postage paid.

Price List of Standard Radish Seed

	Postage Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Crimson Giant	\$.05	\$.10	\$.15	\$.20	\$.50
Chartier or Shepard05	.10	.15	.20	.50
Chinese Rose05	.10	.15	.20	.45
Ea. Long Scar., Short Top05	.08	.12	.15	.40
Forcing Olive Shape Scar.05	.10	.15	.25	.75
Half Long Black05	.10	.15	.25	.60
Long Black Spanish05	.10	.15	.20	.50
Long Brightest Scarlet05	.10	.15	.20	.45
Long White Vienna05	.10	.15	.20	.50
Phll. White Box05	.10	.15	.20	.50
Non Plus Ultra Forcing05	.10	.15	.25	.65
Rosy Gem05	.10	.15	.20	.50
Round Scarlet China05	.10	.15	.20	.60
Scarlet Globe, Ex. Ea.05	.10	.15	.20	.60
White Strasburg05	.10	.15	.20	.55
Yellow Summer or Turnip05	.10	.15	.20	.50
Mammoth White Chinese05	.10	.15	.20	.60
Round Black Spanish05	.10	.15	.20	.45



Half Long Deep Scarlet Radish.

WRITE NAME
AND
POST OFFICE ADDRESS
PLAINLY
This is very necessary, and will
insure prompt shipment of order



Long White Icicle Radish.



Extra Early Scarlet
Globe Radish.



Mammoth Sandwich Island Salsify.

Salsify or Oyster Plant

One ounce will sow 50 feet of drill; 6 to 8 pounds to an acre. Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches.

Mammoth Sandwich Island—This variety is large, strong growing and less liable to branch than the other sorts. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.00, postage paid.

Spinach

One ounce to 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop sow early in the spring, in drills, 1 foot apart and thin out to 2 inches in the row. For winter and early spring crop sow either broadcast or in drills about the first of September or later.

Brond Leaved Flanders—One of the most vigorous and strong-growing varieties. The leaves are nearly round, uniformly deep green, quite thick and slightly crimped in the center. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 35c, postage paid. By express, 1 lb., 25c; 5 lbs., \$1.00.

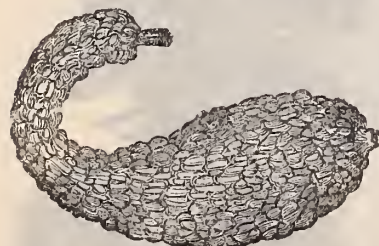
New Long Standing—One of the best varieties for spring sowing, as it stands fully two weeks longer than any other sort before running to seed. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 40c, postage paid.

Round Thick Leaf—The best variety to sow in the spring. Makes thick, dark green leaves of finest quality. Price same as **New Long Standing**.

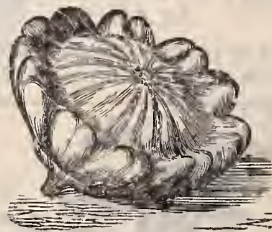
Bloomsdale Savoy Leaved—A valuable variety with wrinkled leaves, resembling the Savoy Cabbage; it is very hardy and prolific. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 35c, postage paid. By express, 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80.

STANDARD VARIETIES.

Postage Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Prickly Winter	.03	.05	.10	.15	.40
New Victoria	.04	.05	.10	.15	.40
New Zealand	.05	.10	.20	.30	1.00
Long Season	.05	.10	.15	.25	.60



Giant Yellow Crookneck Squash.



Early White Bush Squash.



Bloomsdale Savoy Spinach.

Rhubarb

One ounce sows 80 feet, 6 pounds to an acre.

Crimson Winter—This wonderful vegetable, recently introduced by Mr. Luther Burbank, produces marketable stalks the first season from seed. The stalks are of medium size, well-grown ones averaging 12 to 18 inches in length and about three-fourths of an inch in diameter. It comes true from seed. The individual plants vary slightly in size and foliage, but never from its fixed habit of winter growth. Pkt., 10c.

Victoria Rhubarb Seed—Per pkt., 5c; 1 oz., 25c.

Squash

One ounce will plant 40 to 50 hills; 3 to 4 pounds to the acre. Sow about the middle of spring in hills—the early sort about 4 feet apart and the late varieties 6 to 8 feet. Pkt., 5c; 3 pkts., 10c, any variety.

Giant Yellow Summer Crookneck—Double the size of the ordinary Crookneck and very warty, but similar in other respects. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.

Mammoth White Bush, Scalloped—An improved variety of the well known White Bush Squash, growing 12 to 25 inches across; of uniform shape, of a beautiful white color, very early and prolific. 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.

Delicious—An early fall variety, small but very prolific; color orange, striped with green; flesh firm, dry and very sweet. 1 oz., 10c; 2 oz., 20c; ¼ lb., 25c; 1 lb., 90c, postage paid.

Early White Bush—Extremely early; one of the best for summer use. Fruit white, with scalloped edges. 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

PRICE LIST OF STANDARD SQUASHES.

Postage Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Boston Marrow	.05	.10	.15	.25	.65
Golden Custard	.05	.10	.15	.25	.60
Hubbard Improved	.05	.10	.15	.25	.75
Yel. Summer Crookneck	.05	.10	.15	.25	.60



Victoria Rhubarb.

Sorrel

This plant is considered valuable for its acid properties; mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large Leaved French—Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

Swiss Chard

SILVER BEET, OR CUT AND COME AGAIN SPINACH. 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; 1 oz., 15c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.



Earlibell Tomato.

Tomato

One ounce to 1,500 plants; $\frac{1}{4}$ lb. to transplant one acre. For early crops, sow in hotbed, greenhouse or inside the window or sitting room, where the temperature does not fall below 65 degrees in February or March, transplanting—to secure stockiness—when 3 inches high, to pots, cold frames, or other parts of the bed, and then about 5 inches apart. After all danger of frost is over, transplant finally to open ground, 4 to 6 feet apart, according to variety used.

Early June Pink—Similar in habit to Earliana; about the best of the early pink-skinned sorts. Plant is compact, branches freely; hangs in clusters of 6 or 8 fruits. Free from blight. Bound to be popular where pink-skinned Tomatoes are in demand. Pkt., 5c; $\frac{1}{2}$ oz., 20c; 1 oz., 30c; 2 oz., 50c; $\frac{1}{4}$ lb., 80c, postage paid.

Earliana—Of this favorite early sort we offer a selected strain. It is the earliest of all the large, smooth, bright red sorts and is wonderfully prolific. In solidity and quality it is equal to the best of the later varieties, and is a particularly profitable Tomato for market gardeners and truckers. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 2 oz., 45c; $\frac{1}{4}$ lb., 70c, postage paid.

Essex Early Hybrid—Very similar to the Acme; fruit dark purple, always smooth and handsome; in quality it is classed with the best. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 2 oz., 45c; $\frac{1}{4}$ lb., 70c, postage paid.

Imperial—Very large, solid and good flavor; fruit is purplish red. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; $\frac{1}{4}$ lb., 70c, postage paid.

Baltimore Queen—Color a rich glossy pink; a very heavy cropper; fruit large, firm and heavy. It averages 8 to 10 fine tomatoes in a cluster; ripens evenly up to stems; not subject to blight. An excellent sort for late summer and early fall. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; $\frac{1}{4}$ lb., 75c, postage paid.



Earliana Tomato.

Earlibell Tomato—A new extra early Tomato which promises to become the most popular early market and shipping tomato in cultivation. In color it is an intense scarlet, the very best color for the table, market or canning, and it ripens evenly all over up to the stem. It is ideal in shape, round, slightly flattened at the end, but thicker through than most other tomatoes. Its great characteristic, however, is its uniformity of size and smoothness in shape. Pkt., 10c; $\frac{1}{2}$ oz., 25c; 1 oz., 40c; 2 oz., 70c; $\frac{1}{4}$ lb., \$1.60, postage paid.

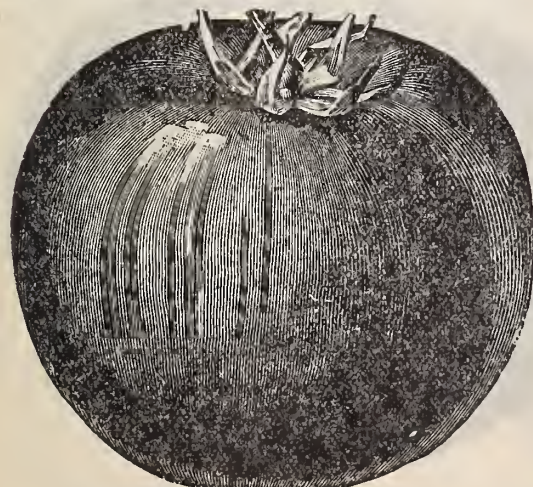
Acme—One of the earliest and handsomest varieties. The fruit is of a medium size, perfectly smooth and regular in shape; very solid and a great bearer; color dark red with a purplish tint. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 2 oz., 50c; $\frac{1}{4}$ lb., 75c, postage paid.

Trucker's Favorite—A large and handsome variety. Fruits purple, thick meated and fine flavor. One of the best for shipping; larger than Beauty. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; $\frac{1}{4}$ lb., 75c, postage paid.

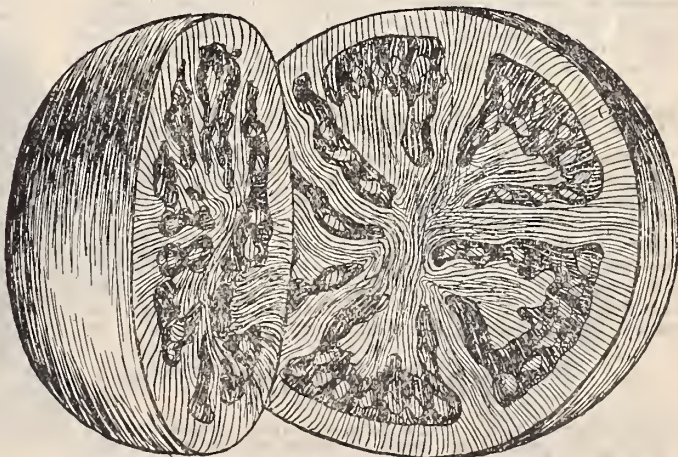
Royal Red—A first-class main crop tomato, each year becoming more and more popular, especially among canners. The fruits are large, nearly round, deep red, ripen up evenly to the stem, and are produced very abundantly. Pkt., 5c; $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 2 oz., 40c; $\frac{1}{4}$ lb., 70c, postage paid.

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; $\frac{1}{2}$ oz., 20c; 1 oz., 40c; 2 oz., 75c; $\frac{1}{4}$ lb., \$1.25, postage paid.

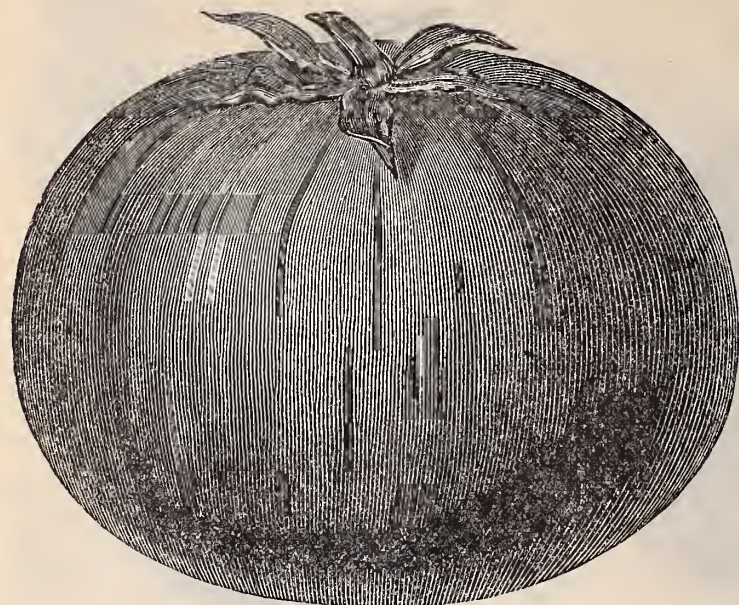
Chalk's Early Jewel—Desirable for early market; medium size, always smooth, bright scarlet in color. $\frac{1}{2}$ oz., 15c; 1 oz., 25c; 2 oz., 50c; $\frac{1}{4}$ lb., 75c, postage paid.



Chalk's Early Jewel Tomato.



Baltimore Queen Tomato.



Ponderosa Tomato.



Royal Red Tomato.

Tomato

Ponderosa—This variety is the largest and heaviest in cultivation, frequently attaining a circumference of from 15 to 18 inches and a weight of a pound or more. It is particularly fine for slicing, as the seed cells are small, the flesh solid and of superior flavor and the form very regular considering its enormous size; color, crimson purple. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

Crimson Cushion—Large size, sometimes weigh one pound. Nearly round and of very good quality, being free from acid taste; color, bright scarlet. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; ¼ lb., \$1.00, postage paid.

Matchless—Large, smooth and symmetrical. Color bright red. It is solid and meaty, and of excellent flavor, and ripens well to the stem. Pkt., 5c; ½ oz., 10c; 1 oz., 25c; ¼ lb., 75c, postage paid.

Stone—A fine Tomato for main crop for market or canning. The fruit is perfectly smooth, of a beautiful red color and very large. Pkt., 5c; ½ oz., 10c; 1 oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postage paid.

Livingston's Globe—In shape this Tomato is distinct from all others, being a beautiful globe. It ripens evenly through and through; a fine glossy rose in color, tinged with purple; very productive. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; ¼ lb., 85c, postage paid.

New Dwarf Stone—The largest dwarf Tomato in existence. Double the size of Dwarf Champion. A beautiful deep scarlet color, perfectly shaped, free from cracks, ripens evenly and is very solid; requires no tying up or pruning. Try this new variety and we are sure it will please. Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., \$1.00, postage paid.

Improved Ground Cherry—The best of the husk Tomatoes; makes fine preserves. Fruit is a handsome yellow color, nearly round; enclosed in a husk, which opens as fruit matures. Plant and cultivate same as tomatoes. Pkt., 10c; 1 oz., 40c, postage paid.

Tobacco

Culture—Tobacco can be grown in this vicinity as well as in the West, as our soil is better and yields about double the amount per acre. Tobacco can be grown by any one that can grow cabbage. The seed should be sown on a well prepared seed bed in the spring and a piece of canvas stretched across the top to protect against the weather. When plants are about 6 inches high, set out 2 feet apart in rows 3 feet apart; spray with paris green to keep the insects off.

Havana—Grown from seed imported from Vuelta de Abajo. Pkt., 10c; 1 oz., 40c, postage paid.

Connecticut Seed Leaf—An old well-known variety. Pkt., 5c; 1 oz., 25c, postage paid.

Kentucky White Burley—This strain is much superior to the regular White Burley. Pkt., 10c; 1 oz., 40c, postage paid.

Pryor Yellow—Vigorous grower, delightful flavor. Pkt., 10c; 1 oz., 35c, postage paid.



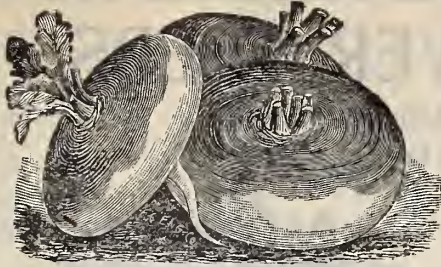
Stone Tomato.

Price List of Standard Tomato Seed

Postage Paid.	Pkt.	½ oz.	1 oz.	2 oz.	¼ lb.
Livingston Beauty	.05	.10	.20	.35	.60
Livingston Favorite	.05	.10	.20	.35	.50
Livingston Perfection	.05	.10	.20	.35	.50
Golden Queen	.05	.15	.25	.40	.70
Magnus	.05	.15	.25	.40	.75
Red Trophy	.05	.15	.20	.35	.60
Red Pear Shaped	.05	.15	.25	.40	.70
Yellow Pear Shaped	.05	.15	.25	.40	.70

Tomato Plants

Ready March 15. Varieties: Acme, Trophy, Beauty, Stone, Ponderosa, Earliana. Price, hotbed plants, dozen, 15c; 100, 75c. Transplanted heavy plants, dozen, 30c; 100, \$2.00, by express only.



Extra Early Purple Top Milan Turnip.

Turnips

One ounce will sow 100 feet of drill; 2 pounds per acre broadcast. Turnips do best in a highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in February. For a succession, sow at intervals of a fortnight until the last week in May, and from the first of July to the end of September, sowing may be made for the fall and main crops.

Extra Early Purple Top Milan—The Milan is the earliest of all turnips; white with purple top; very desirable planting. Pkt., 5c; 1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., \$1.00, postage paid.

Extra Early White Milan—Pure white; as handsome as Early Purple Top Milan; flesh sweet and tender. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25, postage paid.

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; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 55c, postage paid.

Mammoth Purple Top White Globe—The popular variety for market or home use. Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top, making a very attractive appearance. 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 60c, postage paid.



Early White Flat Dutch Turnip.

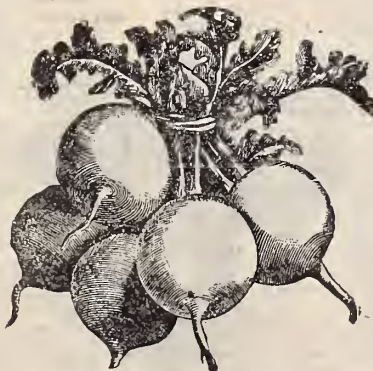
Early White Flat Dutch S. L.—A very quick-growing white variety, adapted for spring sowing. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 50c, postage paid.

Large White Globe—This is selected from the Pomeranian White Globe. It is smoother and handsomer in shape, good to plant early in spring. It is a very salable turnip in the market. 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 50c, postage paid.

American Red Top White Globe Turnip—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. If you grow for market, you want it. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, postage paid.



American Red Top White Globe Turnip.



Large White Globe Turnip.

Standard Turnips

Postage Paid.	Pkt.	1 oz.	¼ lb.	1 lb.
Dixie Land Winter.....	.03	\$.05	\$.15	\$.50
Extra Early White Egg.....	.03	.05	.20	.55
Large White Norfolk.....	.03	.05	.15	.50
Large Amber Globe.....	.03	.05	.15	.45
Golden Ball or Orange Jelly....	.03	.05	.15	.45
Long White Cow Horn.....	.03	.05	.20	.50
Southern Seven Top.....	.03	.05	.15	.45
Yellow Aberdeen Purple Top....	.03	.05	.15	.45
Yellow Aberdeen Green Top.....	.03	.05	.15	.45
Superb Mixed Turnip.....	.03	.05	.15	.45

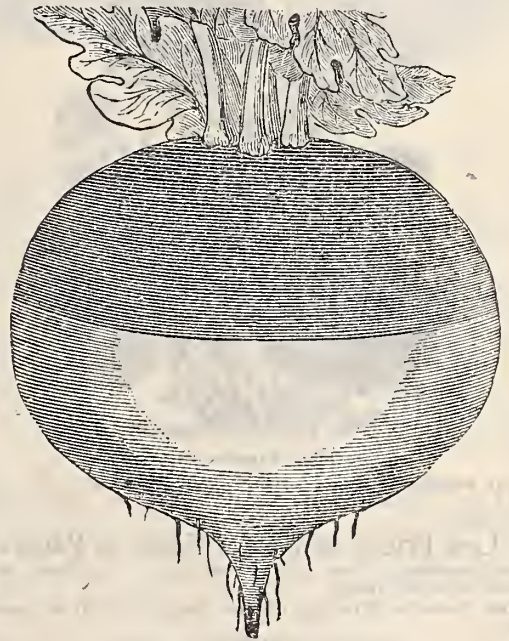
Ruta Baga

RUSSIAN OR SWEDE TURNIP.

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; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.

Improved Purple Top—A hardy and productive variety; flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly; color deep purple above ground and bright yellow beneath. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 15c; 1 lb., 50c, postage paid.

Laing's Purple Top Yellow—A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c, postage paid.



Carter's Elephant Ruta Baga.

Standard Ruta Bagas

Postage Paid.	Pkt.	1 oz.	¼ lb.	1 lb.
Breadstone.....	.05	\$.10	\$.25	\$.55
Monarch Purple Top.....	.03	.05	.15	.50
Sweet German.....	.03	.05	.20	.50



SELECTED FLOWER SEEDS

Embracing the Choicest Strains of Standard Sorts
All Flower Seeds Sent by Mail on Receipt of Price

General Culture Directions—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 easy. A general rule for the seed bed is to have the soil rich, level and worked very finely. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does they will be pretty sure to fail. For this reason it is best to sow most small seeds in shallow boxes, 2 to 3 inches deep, and of any convenient size, that the surface of the soil may be kept properly moistened. After the seeds are up, care must be taken to give them plenty of air and moisture, and yet not too much water, or they will "damp off" (rot at the top of the ground). As soon as the second leaves are well out, they should be transplanted into pots or new boxes. When finally transplanted to the bed or border, they should be watered frequently until well established.



Ostrich Plume Aster.

Size of Packets—Our packets are well filled, so much so that they usually contain sufficient for two or more sowings.

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.

ASTERS.

This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil.

Aster, All Colors, Mixed—A general mixture of all colors. Pkt., 5c.

Aster, China Mixed—Well known, hardy variety. Pkt., 5c.

Aster, Comet Mixed—Giant flowered; very fine. 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.

Aster, Ostrich Plume—The flowers of this type resemble the Victoria Asters; they are, however, much larger. We can recommend it to all who like a tall growing Aster with very large flowers. Many colors, mixed. Pkt., 10c.

Adonis—Pheasant's eye; very pretty; mixed. Pkt., 5c.

Agrostemma—Rose of Heaven; mixed colors. Pkt., 5c.

Abronia—Pretty trailing plant; annual. Pkt., 5c.

Acerollinum—Everlasting annual border plant. Pkt., 5c.

Ageratum—Plants that grow well anywhere; produce feathery flowers in cluster all season; mixed. Pkt., 5c.

Alyssum, Sweet—The ordinary variety, growing 8 to 10 inches in height; produces spikes of small, fragrant white flowers. Pkt., 5c; 1 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; 1 oz., 40c.



Sweet Alyssum.

Antirrhinum (Snapdragon)—A border plant, having dark, glossy leaves, and curiously shaped, showy colored flowers with spotted throats. Though perennial, they blossom the first year, if seed is sown early. Slightly covered with leaves, they withstand our winters; 1½ to 2 feet; mixed. Pkt., 5c.

Aristolochia Sipho—Dutchman's pipe. A rapid growing climber, with large, heart-shaped leaves. Curious flowers, thought to resemble pipes. Grows 20 feet or more in a season. A perfectly hardy perennial. Flowers brown purple. Pkt., 10c.

Balloon Vine—Rapid grower; annual; climber; 16 feet. Pkt., 5c.

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

Balsam, Prize Camelia Flowered—In its extraordinary size, perfect form and brilliant colors, this fine strain of Balsams surpasses all others. Height 18 inches. Finest mixed. Pkt., 5c.

Balsam Apple Vine—Balsamina; curious fruits; fine climber. Pkt., 5c.

Brachycomb—Swan River Daisy; mixed. Pkt., 5c.

Browallia—Amethyst; finest bedding plant; mixed. Pkt., 5c.



Bachelor Button,
Centaurea Cyanus.



Balsam Apple Vine.

Bachelor Buttons (Centaurea Cyanus)—One strain of this splendid annual is especially fine. The true old-fashioned Bachelor's Buttons of your grandmother's garden. Finest mixed colors. Pkt., 5c.

HOW AND WHEN TO PLANT.

Special planting instructions for sowing all kinds of vegetables and flower seeds, setting fruit trees, roses, strawberry plants, sowing grasses and clover seeds, supplied free with orders. This is a 16-page booklet, full of useful information. Don't fail to get a copy.

LIME FOR ALFALFA.

Try this if you want your Alfalfa to live: One thousand pounds of lime, four hundred pounds of phosphoric acid; mix and harrow in the soil any time during the fall. Inoculate your seed with Farmogerm Bacteria, using twenty pounds of seed to an acre. Remember, liming your soil is the essential part. We can supply Pure Ground Lime Rock at \$10.00 per ton.

- Calliopsis**—California Sunbeams; very handsome and showy flower; annual; 2 feet; mixed. **Pkt., 5c.**
- Canary Bird Vine**—A beautiful, rapid annual climber. **Pkt., 5c.**
- Canna, Dwarf Mixed**—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.**
- Canterbury Bells**—Campanula. Bell-shaped flowers; mixed. **Pkt., 5c.**
- 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.**

CALENDULA (POT MARIGOLD).

One of the easiest grown and brilliantly showy, free-flowering, hardy annuals; blooms all the time; fine cut flowers; 1½ feet.

Fine Double Mixed—Contains the choicest sorts. **Pkt., 5c.**

**CASTOR BEANS.
RICINUS.**

Stately, strong growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc.

Giant Zanzibar—The plants attain a height of 12 to 14 feet. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c.**

Castor Beans—Mixed sorts. **Pkt., 5c; 1 oz., 10c.**

Candytuft, Mixed—All sorts in mixture. **Pkt., 5c.**

Centaurea Marguerite—A beautiful, large, white flowering variety, having a delightful odor. Splendid for cutting. Water at the roots only, not on the leaves. **Pkt., 5c.**

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.**

Cockscomb, Mixed—Choice mixed of all sorts and colors. **Pkt., 5c.**

Coreopsis—One of the easiest grown annual flowers; can be used with fine effect anywhere. Sow the seed thinly late in spring. Fine for cut flowers. One to 2 feet. **Pkt., 5c.**

Columbine—Flowers showy and luxuriant. **Pkt., 5c.**

Coleus—Foliage plants of exceeding richness and beauty; indispensable for borders and bedding, excellent for greenhouse and window. Tender annuals. The leaf colors include red, yellow, green, crimson, maroon, etc., variously combined and blended. The leaf shapes vary endlessly. There are tall and dwarf varieties. Easily grown. **Pkt., 25c.**

CALIFORNIA POPPY, ESCHSCHOLTZIA.

Exceedingly beautiful free-blooming plants. Sow seed in open border during May and June, where it is intended to be flowered, as they do not stand transplanting.

The Golden West—Giant Flowered California Poppies, with beautiful orange blotches. **Pkt., 5c.**

Fine Mixed—All colors in fine mixture. **Pkt., 5c.**

Bush Eschscholtzia (Hunnemannia)—Grows about 2 feet high, with large bright yellow tulip-shaped flowers, the petals of which are crinkled like crushed satin. **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., 5c.**

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.**



Giants of California Cosmos.

Cosmos

This is a popular plant, and a very strong grower and a profuse bloomer. Both foliage and the flowers are beautiful for bouquets and vases.

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., 5c.**

Cosmos, Giants of California—Flowers measure from 4½ 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 Pink. Pkt., 10c.

Giant White. Pkt., 10c. Giant Mixed. Pkt., 10c.

New Giant Cosmos, "Lady Lenox"—A gigantic Cosmos of extraordinary size and beauty. Flower 5 to 6 inches in diameter. Color a delightful shell pink. Plant strong and vigorous. **Large pkt., 10c.**

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

Daisy, Shasta—Originated with Mr. Luther Burbank, of California; flowers snowy white, with yellow center; 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.**

Euphorbia Variegata (Snow on the Mountain)—A hardy annual, with light green white margined leaves. **Pkt., 5c.**

Dusty Millers—The white-leaved Centaureas or Dusty Millers are much used for ribboning beds and borders, where they make very effective plants. Sow the seeds early in spring in a hotbed or warm sunny house window.

Candidissima—A very fine silver-leaved plant; 1 foot. **Pkt., 10c.**



Carnation Marguerite.



Cobea Scandens, Cup and Saucer Vine.



Cockscomb.



Forget-Me-Not. Gomphrena Globe Amaranth. Foxglove Digitalis. Hyacinth Climbing Beans. Sweet Mignonette.

Forget-Me-Not (Myosotis)—A modest little flower; to friendship ever dear. Pkt., 5c.

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., 5c.

Foxglove (Digitalis)—One of the most striking flowers; tall, stately and handsome; of easy culture. Pkt., 5c.

Gaillardia—Blanket flower; fine for bouquets; mixed. Pkt., 5c.

Gomphrena (Globe Amaranth)—Pretty annual. Pkt., 5c.

Gourds—Small ornamental sorts. The vines are of rapid growth; with luxuriant foliage; 10 to 15 feet high; mixed; many beautiful kinds. Pkt., 5c.

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., 5c.

Hyacinth, or Jack Bean, Giant Crimson—Color from light pink to deep maroon; seed pods of a deep purple color. Pkt., 10c.

Hyacinth, or Jack Bean, Daylight—Snow-white flowers followed by cream colored pods. Pkt., 10c.

Helichrysum—Straw or Eternal Flower; hardy annual; 2 feet. Pkt., 5c.

Heliotrope

Every one loves the delightful fragrance of Heliotrope, but very few are aware that they can be had in flower the first season from seed sown in the open ground. By sowing in heat first and afterward transplanting, an earlier and longer supply of bloom can be had. Finest mixed. Pkt., 10c.

HOLLYHOCK.

Stately and showy early blooming plants. Flowers of great variety of colors. Perfectly hardy and blooming year after year when once planted. Sow in May or June.

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

Hollyhock—Double white; immense white blooms. Pkt., 10c.

KOCHIA TRICOPHYLLA.

Summer Cypress or Burning Bush—A handsome ornamental annual plant, growing easily from seed sown in the open ground. The plants grow about 3 feet high and are globe-shaped, the stems being covered with slender light green leaves, which change in fall to deep carmine. A grand plant for small hedges or rows on the back of garden borders. Pkt., 10c.



Marigold.



Larkspur.



Morning Glory.



Moon Flower.

KUDZU VINE (Jack-and-the-beanstalk).

Pueraria Thunbergiana—For rapidity of growth this hardy vine has no equal. It will grow 8 to 10 feet from seed the first year. Afterward a single season's growth of 60 feet is not unusual. The leaves are large and abundant. It bears racemes of pea-shaped rosy purple flowers. Pkt. 10c.

Ice Plant—Pretty trailer for baskets. Pkt., 5c.

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

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

Lychnis—Beautiful colored border plants. Pkt., 5c.

Marigold, Tall—Flowers very large; extremely double. Pkt., 5c.

Marigold, Eldorado—Double flowers of immense size. Pkt., 5c.

Mignonette, Sweet—Well known fragrant annual. Pkt., 5c.

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

Mignonette Golden Queen—Fine for cutting. Pkt., 5c.

Moonflower (*Ipomea Grandiflora*)

Tall-growing, free-blooming climbers, related to the family of Morning Glories. As Moonflower plants have dense foliage, they are useful to cover trellis work, verandas, etc. Plant seeds out of doors when warm weather sets in.

White—Its large white flowers expand in the evening and remain open until the following day. Pkt., 10c.

Heavenly Blue—This variety blooms in the forenoon. The flowers are azure blue with a yellow throat. Pkt., 10c.

Morning Glories (*Convolvulus Major*)

Undoubtedly one of the most profuse flowering vines in cultivation; easy of culture; it thrives well in almost any situation. The beauty and variety of the flowers are unsurpassed.

Choice Mixed Varieties, per oz., 10c; ¼ lb., 25c; pkt., 5c.

IMPERIAL JAPANESE MORNING GLORIES.

These Japanese Morning Glories are indeed a revelation in the size and beauty of their flowers. Sow early in good rich soil in a sunny spot in the garden, and water during dry, hot weather.

Choice Mixed colors—Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c.

Nigella—(Love in a Mist or Devil in a Bush). Compact growing, free-flowering plants, with curious looking flowers and seed pods. Pkt., 5c.

Nasturtiums

Few flowers compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. They are suitable for bedding and handsome climbers, grow quickly, thrive in the poorest soil, and furnish the greatest abundance of long-lasting, sweet-scented cut flowers. Sow the seed an inch deep and then thin seedlings to 10 or 12 inches apart.

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; 1 oz., 25c; 2 oz., 40c; ¼ lb., \$1.00.

Dwarf Mixed—In this will be found varieties of both light and dark colored foliage. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., \$1.00.

TALL OR CLIMBING NASTURTIUMS.

Nasturtiums, New Giant Flowered—These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. The flowers measure ¾ to 3½ inches in diameter, the petals 1¼ inches across. A fancy mixture of most beautiful colors. Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., \$1.25.

Nasturtiums, Tall Mixed—A brilliant, effective mixture. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., \$1.00.

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; 1 oz., 25c.

LILLIPUT NASTURTIUM.

Lilliput—A grand new class. Plants smaller in every respect than the well-known Tom Thumb class. Many colors mixed. Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c.

Nasturtiums, Ivy-Leafed Trailing—Distinct in both leaf and flower. The leaf has the true ivy shape, as well as the beautiful dark green metallic hue. Very striking. Crimson scarlet flowers, veined white, and having narrow petals with feather edges. Profuse bloomer. Especially graceful in vases, window and veranda boxes. Pkt., 5c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 70c.

Pansy

Easily grown from seed, always in bloom, very sweet, pretty and fragrant. Our superior strains of Pansies are the finest money, care and experience can produce.

Pansy, Choice Mixed—Our own mixture of the more common varieties. This contains a wide range of colors and markings. Pkt., 5c.

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

Parisian Giant Mixed—A magnificent class of large-flowered Pansies of great substance and fine colors, the distinctive features being the large and well defined blotches. Pkt., 10c.

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

Pansy, White—Large flowering pure white variety. Pkt., 10c.

Masterpiece Pansy—This grand Pansy is remarkable for having its petals waved or folded. The flowers are large and round. Every petal has a dark blotch, and there is usually a light edge or border. Highly fashionable everywhere. Pkt., 10c.



Schwill's Superb Pansy.

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.

Petunia

Annual; easily grown, free bloomer, dwarf and early.

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

Petunia, Large Flowering Giant—These wonderful Petunias have been specially selected and improved in California by a specialist, and are now famous for their great size, beauty of markings and combinations of colors. Many have daintily fringed edges, others are ruffled and frilled and are exceptionally lovely. All colors; mixed. Pkt., 10c.

Defiance Fringed, Finest Mixed—A new strain with fringed and frilled edges, very distinct and beautiful, coming true from seed. Pkt., 25c.

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

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

Portulaca

One of the most showy and beautiful annuals, with abundant, highly colored flowers. For baskets, beds, masses or edging it is invaluable. Plant is dwarf or trailing; about 6 inches high; it requires scarcely any water and succeeds best in warm, sandy soil.

Fine Single Mixed—A great variety of colors mixed. Pkt., 5c.

Double Mixed—A large proportion will come very double. Pkt., 10c.

Paris Daisy or Marguerite—A beautiful and well known perennial; large, white, star-shaped flowers. Pkt., 5c.



Giant Flowered Fall Nasturtium.



Exquisite Dwarf Nasturtium.



Large Flowering Giant Petunia.

Phlox Drummondii

One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues in bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors.

- Phlox Drummondii Mixed**—A splendid mixture of all colors. Pkt., 5c.
Phlox, Mammoth Large Flowering, Mixed—The large flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter; mixed. Pkt., 10c.
Phlox, Star of Quedlinburg—Large-sized 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, Snowball—Purest white flowers. Pkt., 10c.
Phlox, New Grandiflora—These have beautiful rounded petals; larger than in the older sorts; showy and constant; mixed colors. Pkt., 5c.



Mammoth Large Flowering Phlox.



New Brilliant Poppy.

Pinks

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom.

- Pink China Double**—Rich in hue, very double; deeply fringed petals; mixed colors. Pkt., 5c.
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., 5c.
Pink, Double White—Showy; large size; pure white. Pkt., 10c.
Pink, Heddewigii—Double Japan Pink. The flowers are large and of the brightest colors; mixed colors. Pkt., 5c.
Pink, Sing Grass Pink or Pheasant Eye—Old-time favorites; fragrant; single; mixed. Pkt., 5c.
Crimson Bell—Very large, double; brightest scarlet. Per Pkt., 10c.
Sweet May—Old-time garden favorites; fragrant. Pkt., 5c.



The Shirley Poppy.

DISCOUNT
ON
SEEDS

Note our
Liberal
Discount
on Seeds
on
Cover Page

Poppies

Hardly any class of plants afford the same brilliant colorings and showy display. Very easy culture, the seed being sown where they are to bloom.

- Poppy, Carnation**—Double; mixed; superb; from many varieties; 2 feet. Pkt., 5c.
Poppy, Schwill's Superb—Grand, large double flowers, in every color; magnificent in form. Pkt., 5c.
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., 5c.
Poppy, New 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., 5c.
Poppy, Peony Flowered—Enormous size; perfectly double; always admired; mixed. Pkt., 5c.
Tulip Flowered—A glaring, deep scarlet color. Pkt., 5c.
White Fringed—Perfectly double, ball-like, round flowers, measuring 3 to 4 inches across. One of the finest in cultivation. Pkt., 5c.
Salmon Pink—Extra large double flowers with petals finely fringed. A most delicate tint of soft rosy pink, with a lighter shading at the ends of the feathery petals. Pkt., 10c.
Cardinal Poppy—A magnificent species, with splendid flowers of the most vivid scarlet. Pkt., 5c.
The Shirley, Re-selected—All who admire the delicate beauty of the Shirley Poppy will be delighted with this re-selected strain of the finest colors and most charming markings. Pkt., 10c.
Virginian Poppy—This new large flowering Poppy of the annual class produces beautiful large, white flowers with fringed soft pink edges. Cut flowers in vases, etc., are of quite a charming effect, and are for this purpose especially recommendable as they are very lasting, when cut in the morning, as a color showing bud. Pkt., 10c.
Double Mixed—All colors, in fine mixture. Pkt., 5c.
Poppy, Fine Single Mixed—A fine collection of all single varieties. Pkt., 5c.
Ricinus Zanzibarënsis—From seeds sown in the open ground in May the plants are in full foliage early in July, and attain a height of 12 to 14 feet. The enormous leaves, beautifully lobed, measure 2½ to nearly 4 feet across. Mixed, many choice varieties, pkt., 5c.
Rudbeckia (Cone Flower)—Grows about 2 feet high, forming a many-branched dense bush, and producing its long-stemmed flowers in greatest abundance. Disk brown; florets yellow with brown spots at the base; 3 feet. Pkt., 10c.



Double Diadem Pink.



Double Imperial Pink.

SWEET WILLIAM.

A beautiful class of hardy, free-flowering plants of extreme richness and diversity of color. Produces a fine effect in beds or mixed flower borders.

Sweet William, Single—Handsome colored flowers; mixed. Pkt., 5c.

Sweet William, Double—Finest double flowers. Pkt., 10c.
Thunbergia—An excellent trailing or bedding plant; very popular. Pkt., 5c.

VINCA.

Madagascar Periwinkle.

Handsome bushy plants. Sown in March, transplanted in May, will bloom first summer in garden. Taken up in fall and potted with flower during winter; 1½ feet.

Vinca, Alba Pure—Pure white. Pkt., 10c.
Vinca, Mixed—Pkt., 5c.

Verbena

Splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow early in the house, or out of doors in April.

Verbena, Choice Mixed—Fine colors; mixed for bedding. Pkt., 5c.

Verbena, Extra Large Flowered—Magnificent; extra large; varieties mixed. Pkt., 10c.

Verbena, Scarlet Defiance. Pkt., 10c.

Verbena, Mammoth Purple. Pkt., 10c.

Verbena, Mammoth Pink. Pkt., 10c.

Verbena, Mammoth White. Pkt., 10c.

Violet—Favorite little plants, producing delightfully fragrant flowers; popular with every one. Sow in beds and transplant. Pkt., 10c.

Wallflower—The large, massive spikes of the Wallflower are very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant. Finest mixed. Pkt., 5c.

Wild Cucumber (Echinocystis Lobata)—This is the most rapid growing vine we know of. It will reach a height of 30 feet in one season. To cover a pillar or trellis or to embellish an ungainly tree trunk, fences, unsightly buildings, there is nothing which so completely fills as does this. It is thickly dotted over with pretty, white, fragrant flowers, followed by quantities of ornamental and prickly seed pods. Pkt., 5c.

Wild Flower Garden

A splendid mixture of beautiful, free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds, will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds. Price, pkt., 5c; ½ oz., 15c; 1 oz., 25c.

Whitlavia—Pretty bell-shaped flowers; mixed. Pkt., 5c.

Zinnias

Youth and Old Age.

General favorites. Thrive in any soil. Plants form bushes 2 to 3 feet in height. The flowers of various colors, form solid heads like Dahlias.

Zinnias, Double Mixed—Embraces all the various colors known in the Zinnia family. Pkt., 5c.

Zinnias, Double White. Pkt., 10c.

Zinnias, Scarlet Gem. Pkt., 10c.



Wild Cucumber Vine.

Sweet William.

Salvia

Splendid bedding plant. It stands heat and drouth remarkably well. Blooms first year from seed, sending out a mass of fiery red flowers; 1½ to 2 feet.

Salvia—Scarlet Sage; gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. Pkt., 10c.

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.

Schizanthus—Few annuals can surpass in beauty the Schizanthus, so much so that it has been aptly called "The Poor Man's Orchid." Large flowered hybrids. Pkt., 5c.

Salpiglossis—Very pretty autumn blooming plants with funnel-shaped flowers, beautifully veined and marbled. Large flowered, finest mixed. Pkt., 5c.

Sunflower, Double Tall—Huge leaves and flowers. Pkt., 5c.

Sunflower, Double Dwarf—Compact, double golden yellow flower. Pkt., 5c.

Sunflower, Globe of Gold—Excellent to grow in masses; pretty dahlia-like flower. Pkt., 5c.

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.

Scarlet Runner Beans—A great favorite as an ornamental climber; bright scarlet sprays of pea-shaped blossoms. Pkt., 5c.

Stocks—Dwarf; German; 10 weeks; an old favorite. Pkt., 5c.

Sweet Sultan—Pretty border annual; fine also for cutting. Pkt., 5c.

Scabiosa—Graceful double flowers, in finest mixture. Pkt., 5c.

Sensitive Plant—One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. Pkt., 5c.



Extra Large Flowering Verbena.



Salvia, or Scarlet Sage.



Double Tall Sunflower.



Selected Sweet Peas

Our list of Sweet Peas is carefully revised and kept up-to-date, and we believe every sort we offer is entitled to a place in the front rank.

Cultural 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.

Standard Sweet Peas

Schwill's Superb Flowering Mixed—This superb mixture is blended by us with extraordinary care from named varieties of the most approved large flowering types, including recent American and European novelties, as well as a great many new hybrids as yet unnamed, insuring a gorgeous color effect. Pkt., 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.

Eckford Royal Mixture—This mixture contains over 30 kinds, including novelties of 1908 and other choice varieties. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

Cupid Mixture—A splendid mixture of all the recently introduced Cupids, which will make a most desirable combination. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c.

Double Mixed—A pleasing development of this popular sort. They produce, however, only about ½ double flowers. Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, postage paid.

New Sweet Peas

SPENCER'S TYPE OR ORCHID FLOWERED.

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers, a new and distinct form. Price, any variety: Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., \$1.25.

Asta Ohn Spencer—A charming soft lavender of true Spencer type.

Apple Blossom Spencer—Deep pink, shading to rose; petals waved and crinkled.

America Spencer—Ground color white, distinctly striped with brilliant crimson.

Burpee White Spencer—The finest clear white variety in existence today. Petals waved and very large.

Burpee Primrose Spencer—A clear, distinct primrose, graceful, wavy flower.

Countess Spencer—Bright, clear pink, large flower on long stems.

Emily Eckford Spencer—Fine wavy form, a rosy purple shade.

Helen Lewis Spencer—Gigantic size, a rich crimson orange color.

King Edward Spencer—Self-colored, brightest red or crimson scarlet; large.

Othello Spencer—Immense wavy deep purple maroon.

Waverly Spencer—Large size, well waved and crinkled, with purplish maroon wings, bluish purple.

Countess Spencer, Superb Mixture

A grand combination of the new orchid sweet flowering peas. Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., \$1.00, postage paid.

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.

BRILLIANT RED AND SCARLET.

King Edward VII.—Bright red or crimson scarlet; fine.

Salopion—Pure red, deep and rich shade.

BLUE AND WHITE.

Lottie Eckford—White, heavily shaded with blue.

Phenomenal—White, shaded and edged with lilac.

CLARET AND MAROON.

Duke of Westminster—Purple color, shading to violet.

Othello—A dark maroon, almost black.

CREAM OR LIGHT YELLOW.

Hon. Mrs. E. Kenyon—The best of the deeper primrose shades.

Stella Morse—A combination of yellow and pink shades.

Sibyl Eckford—A light salmon, yellow tint.

LIGHT PINK.

Lovely—A beautiful shade of pink.

SHADES OF PINK.

Janet Scott—Clear deep pink, with buff standard.

Apple Blossom—Deep pink, shading to rose.

Aurora—Beautiful bright orange salmon pink.

SHADES OF ROSE.

Prince of Wales—A beautiful rose color; very attractive.

PINK AND WHITE.

Earliest of All—Standard rose wings, white, tinged pink.

Extra Early Blanche Ferry—One of the best pink and white varieties.

PURPLE AND BLUE.

Mrs. Walter Wright—Heavy purple, a fine color.

Mrs. Geo. Higginson, Jr.—A delicate sky blue.

Navy Blue—Large flower, clear bright blue.

WHITE.

Dorothy Eckford—Fine pure white.

Emily Henderson—Large clear white.

Florence Daenzer—A new variety, fine; largest size.

White Wonder—Pure white, of largest size.

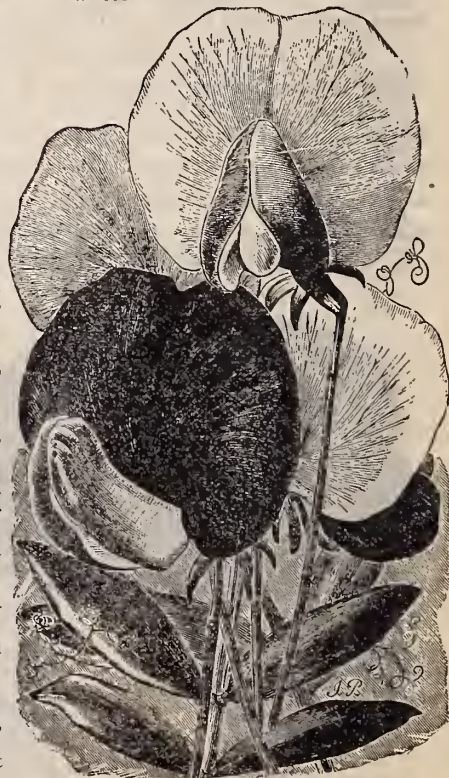
SHADES OF ORANGE.

Miss Wilmott—Deep orange and pink.

STRIPED AND VARIEGATED.

Lady Grisel Hamilton—Silver clear lavender, very fine.

Helen Pierce—Mottled blue on pure white.



Countess Spencer Superb Sweet Peas.

Bulbs for Summer Flowering

All Bulbs will be sent separately from Flowering or Greenhouse Plants.
We cannot pack them together.

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.

Gladiolus

Gladiolus—Finest mixed hybrids. By mail, doz., 35c.
By express, doz., 30c; 100, \$2.00.
Gladiolus Childsii—Superb; large flowered; mixed colors.
Per doz., 50c, postage paid. By express, per doz., 40c.

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.



Lillium Auratum.



Caladium Bulb, Elephant Ear.

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., 75c. By mail, doz., \$1.00.

Bright Red
Vermillion Scarlet
Golden Yellow

Light Yellow
Spotted Red and Yellow
Crimson Maroon

Tuberoses

Tuberose, Double Pearl—Doz., 35c, postage paid. By express, doz., 25c; 100, \$1.50.
Tuberose, Single Albino—Doz., 35c, postage paid. By express, doz., 30c; 100, \$2.00.

Everblooming Tuberose—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. Price, each, 10c; doz., \$1.00, postage paid.

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. 10c each; \$1.00 per doz., postage paid.

Madeira Vine

A beautiful, rapid growing climber, bearing fragrant white flowers; very pretty and useful. 5c each; 50c per doz., postage paid.

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. Clumps, 35c each; \$2.50 per doz., by express only.



Double Peony.

Peonies

HARDY HERBACEOUS.

These have become indispensable in every garden. They are all hardy and admirably suited to our Southern climate, growing in almost all situations, and even flourishing under shade trees.

Red, Pink, White—Each, 30c, postage paid. By express, each, 25c; doz., \$2.00.

Caladium Bulbs

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. By mail, 5c each extra.

Hardy Lilies

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 white. From 5 to 10 magnificent flowers from each bulb the first year. Each, 20c; \$2.00 per doz. By mail, 25c each.

Tigrinum—Tiger Lily. Orange, Spotted black; 2 to 5 feet; summer. Each, 10c; 75c per doz.

Speciosum Album—A large white lily of great substance, with a greenish band running through the center. 20c each, 12 for \$2.00; by mail, 25c each.

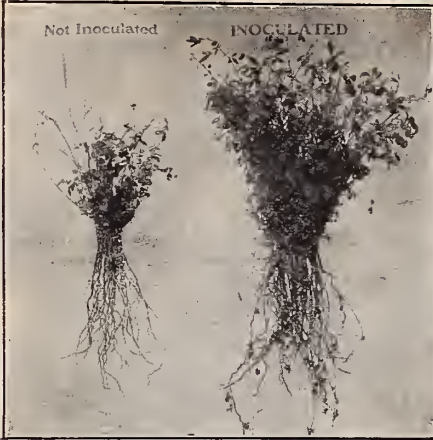
Speciosum Rubrum—A most beautiful flower, white, heavily spotted with rich crimson dots. 15c each, 12 for \$1.50; by mail, 20c each.



Double Dahlia.



Gladiolus.



Result of inoculation with Farmogerm. The nodules on the roots are produced by the inoculation.

ALFALFA

Will Grow Abundantly in All Sections Where the Seed Is Inoculated

With Farmogerm, and planted in a good seed bed that has good drainage. Alfalfa must have nitrogen-gathering bacteria upon its roots. They are as necessary to it as sunlight. Even where they are supposed to exist in the soil naturally, it is far better to be certain that they are there and in an active condition. The U. S. Department of Agriculture states: "It is worse than useless to attempt to grow any leguminous crop without being certain of the presence of the bacteria which enable the plants to fix free nitrogen. Certain regions are practically devoid of the right kind of bacteria, and unless some artificial means of inoculating the germs is resorted to, the crop will be a failure." Farmogerm inoculations are these pure bacteria that have been selected and grown to a high state of nitrogen-gathering power, and are delivered to you in bottles ready for use—you can inoculate seed for ten acres in ten minutes. Soil transfer for inoculation is costly and dangerous. Weed seed, soil and plant diseases are transferred in this way.

Trade FARMOGERM Mark

HIGH-BRED NITROGEN GATHERING BACTERIA
SEED AND SOIL INOCULATION

Endorsed by U. S. and State Agricultural Experiment Stations

Vetch, Canada Field Peas, Cow Peas, Soy Beans, Clover, Peanuts

Are Greatly Increased in Yield and Fertilizer Value

When inoculated with Farmogerm. It is shown in Bulletin 71, issued by the Department of Agriculture, that legumes when inoculated will deposit 1,000 pounds of nitrates per acre upon their roots. This means that your most expensive commercial fertilizer is absolutely unnecessary when you plant legumes that have been inoculated with Farmogerm, and planted in properly prepared land. These legumes make a greater growth and leave in the soil large amounts of nitrates for other crops. We advise the use of Farmogerm inoculation whenever you plant any legume seed.

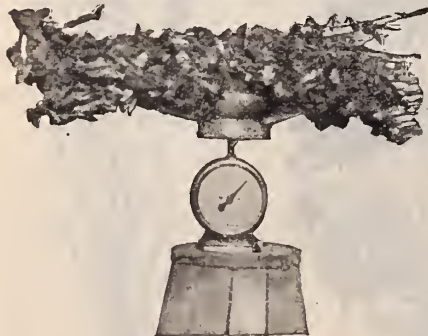
AN INCREASE OF 40 PER CENT. IN OATS, CORN AND COTTON HAS BEEN MADE WHEN THE CROPS FOLLOW OR ARE GROWN WITH A LEGUME THAT HAS BEEN INOCULATED.

Inoculate 30 pounds of vetch seed and plant it with your oats, or plant inoculated soy beans or cow peas with your corn. The results will astonish you and will prove how unnecessary is the greatest part of your commercial fertilizer bill.



Nitrate sacks on roots of inoculated Soy Beans; 1,000 pounds of nitrates to the acre is deposited in this way when legumes are inoculated with Farmogerm.

Ten Soy Bean Plants—Untreated.



GARDEN BEANS, PEAS, SWEET PEAS

Bear earlier, longer and better when treated with Farmogerm. Truckers and farmers throughout the country endorse Farmogerm. You should use Farmogerm on all your peas, beans and sweet peas this spring.

PRICES:

- 5-acre size bottles.....\$9.00
- 1-acre size bottles..... 2.00
- Garden size bottles..... .50

Ten Soy Bean Plants—Inoculated.



In ordering, state what legume you wish to plant. Farmogerm is not to be used on any cotton, corn or vegetable seeds, only on crops mentioned above. Farmogerm used on legumes, when these crops are turned under, makes a bumper crop of cotton, grain, etc., the following season. Address all orders to Otto Schwill & Co., Memphis, Tenn.

Clover, Grass and Farm Seeds

Pure Seed Law

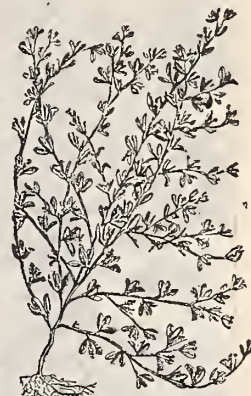
Complying with the Tennessee Pure Seed Law, effective June 1, 1909, and now in force, all seeds herein offered are fully tested for purity and germination, and all shipments in the State will be fully tagged and stamped.

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. All prices named on Clover, Grass and Farm Seeds are f. o. b. Memphis. Where seamless cotton bags are used they will be charged for extra, 25c each.

Sowing the Seed—All grasses and clovers used in the South can be sown in the spring; also in the fall. 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.



Alsike Clover.



Japan Clover,
Lespedeza.



Red Clover.

Clover Seed

Japan Clover (Lespedeza Striata)—Grows anywhere; is tenacious in any soil; lasts always; well known in the South. Sow in spring in permanent pastures by scarifying surface with disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States; is eaten greedily by stock. When the land is well prepared and properly seeded Lespedeza affords a good cutting the first year and will re-seed the land, affording good crops for from two to three years, without any expense to the farmer except that of running a mower over the land once or twice during the summer to keep the weeds down. Lespedeza is the most easily cured of any hay that can be grown in the South, as far as we know. Cutting it after the dew is off in the morning it can be raked into windrows the same evening. The next day it should be put in cocks and allowed to remain a day or two longer, when it is hauled to rick or barn. After two weeks it is ready for the press and market. To obtain a stand, disc harrow your land, then scatter seed on top, roll the field; this will cover them enough. Sow in March or April. Seed weighs 25 lbs. per bushel. Sow 12 lbs. per acre. **By mail, 1 lb., 40c. By freight, 12 lbs., \$2.00; 1 bu., \$3.50; 5 bu., \$17.00.**

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. 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, 1 lb., 40c. By freight, 10 lbs., \$2.50; bu. of 60 lbs., \$14.50.**

If Shipments do not Arrive Promptly

After being notified by us, please advise, and we will have them traced at once. Our plant and fruit departments are entirely separate. Often the seeds or plants on a combined order may be sent 24 to 48 hours before the balance of order is filled. If only part of order is received, wait two or three days for balance before writing us.

Cotton Seed.

It is just as necessary to change your planting seed as it is to change seed of potatoes or corn. 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. We do not list very many, but these are pure and true to name.

This Catalogue is mailed without request to every one who has ordered of us within the last three years. Please notify us of any change of postoffice address.

This Catalogue is published very early, and it is next to impossible to know the exact values of the different items. Remember, however, we give customers the benefit of any decline from these quotations. If market advances, seeds will be sent to value of money remitted at lowest market price.

Late White Blooming Crimson Clover—Same as regular Crimson, only has white bloom instead of crimson. Later than the regular Crimson, but makes a larger growth. The white blossoms contrast with the dark green foliage, and make a beautiful appearance in the fields. **By mail, 1 lb., 35c. By freight, 15 lbs., \$3.00; bu., 60 lbs., \$10.00.**

Mammoth, or Pea Vine Clover—This is a variety of red clover, of greater size and strength than the original type. Succeeds better on thin soils. **By mail, 1 lb., 50c. By freight, 10 lbs., \$2.75; bu., \$16.00.**

Alsike Clover—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. 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., \$13.50.**



Clover Seed



Timothy.

Alfalfa or Lucerne Clover—Certainly one of the finest additions to the many forage clovers and grasses, and promises to outrival all others. It grows best on a light, sandy loam, underlaid by a loose and permeable subsoil. Alfalfa feeds heavily on lime, potash and phosphoric acid, and succeeds where these elements are in the soil. The seed may be sown broadcast or in drills. If sown broadcast, use 20 to 25 pounds of seed per acre; in drills, 15 pounds. Sowings made in the spring, March and April; or in the fall, September and October, are successful. A crop of hay may be secured the first season, and the field should be mowed several times, which, indeed, is an advantage, as the result will be that the plants will form a good root system, besides keeping down the weeds. When once established, will give four or five cuttings or from eight to ten tons of fine hay per acre each year. Stands the heat and drouth when once established, and will last for forty or fifty years.

Fertilizing—Use 1,000 pounds of ground limestone, 400 pounds of acid phosphate, 16 per cent., or like amount of pure bone meal, which gives 20 per cent. phosphoric acid broadcast to each acre. Applying a coating of well rotted stable manure will be beneficial. The lime and phosphates are necessary; if you have tried Alfalfa and it died out, it was on account of need of these fertilizers. On old Alfalfa meadows use 400 pounds of bone meal to the acre, broadcast. It stimulates it wonderfully.

Inoculation—The proper bacteria is necessary for growing Alfalfa. Farmogerm will do it. Write for particulars on this new preparation.

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., 40c. By freight, 20 lbs., enough for one acre, \$4.50; bu., 60 lbs., \$12.50; 100 lbs., \$20.00. Sacks, 25c extra each. Bluff City Brand Recleaned Alfalfa, per bu. \$13.50.

White Clover—Does well in almost all lands of the Central South. Sow any time in the spring, 5 to 6 lbs. per acre. By mail, lb., 60c. By freight, lb., 50c; 10 lbs., \$4.50.

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., 35c. By freight, 15 lbs., \$2.50; bu., 60 lbs., \$9.00.

Turkestan Alfalfa—Is more hardy than the ordinary variety. Will stand extreme drouth, as it comes from a locality where the summers are dry and hot. By mail, 1 lb., 45c. By freight, 20 lbs., \$4.75; bu., \$14.00; 100 lbs., \$22.50. Sacks, 25c each extra.

Georgia Burr Clover—Seed should be sown any time from August to October; 10 lbs. seed in the burr per acre. It is an annual plant, furnishing excellent winter grazing or a hay crop in May. Seed in the burr: By mail, 1 lb., 50c. By freight, 10 lbs., \$3.50; 50 lbs., \$13.50; 100 lbs., \$25.00.

Recleaned or Hulled Seed—Use 6 lbs. to the acre. Price: By mail, 1 lb., 40c. By freight, 10 lbs., \$2.50; 100 lbs., \$18.00.

Melilotus or Bokhara, or Sweet Clover—A hardy perennial Clover, growing wild in many sections, particularly the prairie States. Will thrive and prosper wherever Blue Grass, Red Clover and Alfalfa grow. Flowers furnish abundant forage for bees. Sow 12 lbs. to the acre in March and April. 1 lb., 35c, postage paid. By freight or express, 1 lb., 20c; 20 lbs., \$4.00; 50 lbs., \$8.00; 100 lbs., \$15.00.

Timothy—The standard grass in America for hay; used, however, in some sections largely for pasture. The proper time of the year to sow Timothy in the South is unquestionably in the fall of the year; still it is grown with more or less success planted in very early spring. The quantity of seed necessary to seed an acre will depend on the quality. But where it is to be the sole crop about 15 pounds, or one-third of a bushel, should yield a good stand. But, of course, if used in a grass mixture much less should be used. Price of fancy cleaned seed, by mail, 1 lb., 35c. By freight, 15 lbs., \$3.00; bu., 45 lbs., \$8.75.



Burr Clover.



Crimson Clover.

SEEDS ARE DIFFERENT

From other merchandise. The real value of seeds can only be known after months of labor. Buy your seeds of a reliable seed house with a reputation back of it. Seeds of real merit must be grown and sold by practical, trained seedsmen, with a reputation made and to be maintained.

Grass Seed

Permanent Hog Pasture



Ready to use the first year and many years thereafter. Will fatten the hogs quickly and keep them in good health. Contains Perennial Rye Grass, Orchard Grass, Italian Rye Grass, Clover, Rape, Timothy, Red Top, etc. On any ordinary soil sow 14 lbs. per acre. Per lb., 40c; 3 lbs., \$1.00, postage paid. By freight, per bu., 14 lbs., \$3.00; 3 bu. or more at \$2.75.

Permanent Meadow Mixtures

These make the best quality Hay, as the mixtures contain such grasses as produce a heavy growth and mature together. We send out the No. 1 Mixture when not otherwise ordered, as it is adapted to medium or average soils. Sow about 22 lbs. (1½ bu.) per acre, or for top seeding, 10 to 15 lbs.

No. 1—For Medium Soils. Contains Meadow Fescue, Perennial Rye Grass, Italian Rye, Orchard Grass, Tall Meadow Oat, Timothy, Red Clover, Alsike, Sweet Vernal, etc.

No. 2—For High, Dry Land, Heavy or Clay Soils. Contains much the same as above, with the addition of Orchard Grass, Crested Dogstail and Bromus.

No. 3—For Moist and Rich Soil, or Land Subject to Overflow. Contains Water Meadow Grass, Meadow Foxtail, Perennial Rye Grass, Meadow Fescue, Red Top, Meadow Soft Grass, Alsike Clover, etc.

Prices—Any of the above Permanent Meadow Mixtures, per lb., 40c; 3 lbs., \$1.00, postage paid. By freight, not prepaid, per bu., 14 lbs., \$3.25; 2 bu. or more at \$3.00.

Permanent Pasture Mixtures

Selected with a view to having a succession of grasses coming on constantly from earliest spring through the dry summer weather, and through the fall. It is permanent and keeps improving year after year. Sow about 22 lbs. (1½ bu.) per acre, or for top seeding, half the amount.

No. 4—For Medium Soils. Contains Kentucky Blue Grass, Meadow Fescue, Perennial Rye Grass, Orchard Grass, Tall Meadow Oat Grass, Hard Fescue, Alsike Clover, White Clover, Timothy, Red Clover.

No. 5—For High, Dry, Heavy or Clay Soils. Contains much the same as above, mixed in different proportions, with the addition of Alfalfa and Bromus Grass.

Prices—Any of the above Permanent Pasture Mixtures, per lb., 40c; 3 lbs., \$1.00, postage paid. By freight, per bu., 14 lbs., \$3.25; 2 bu. or more at \$3.00.

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. A trial will convince you of the merits of this combination. Sow 15 lbs. to the acre. By mail, 1 lb., 40c.; by freight, 15 lbs., \$3.50; 100 lbs., \$20.00.

SEEDS BY EXPRESS.

When ordering seeds by express or freight, deduct from our prices QUOTED POSTAGE PAID, 10c per pound and 15c per quart.

HAVE YOU A PASTURE, OR DO YOU WISH ONE?

If you have a pasture you can improve it, or if you wish one you can have it by using Our Special Mixture for Hay and Permanent Pasture.

SWEET PEAS.

Schwill's best, large flowering Mixed Sweet Peas cannot be excelled anywhere. Fine colors. Largest forms. New sorts.

Lawn Grass Seed

THIS IS A LEADER WITH US. WE HAVE A MIXTURE THAT CANNOT BE SURPASSED.

How and When to Plant—Sow seed in early spring, some time in March or April, or in the fall, sow early enough for young shoots to become well established before freezing weather. Soil should be rich, carefully prepared by being thoroughly pulverized. Sow seed when ground is moist and always roll after sowing, if possible. Also advise use of roller in spring, after frost is out of ground; if any reseeded is done, do it before rolling. All lawns are much benefited by frequent mowing, but do not cut too close in hot, dry weather; also do not cut late in fall. Well fertilized ground stands drouth much better than poor ground. Use 1 lb. of seed to 400 square feet; 20 lbs. to 8,000 square feet. Bone meal and ground limestone applied broadcast at the rate of 10 lbs. to 500 square feet will insure a good stand of grass. The fertilizer can be applied any time during the spring or fall season.



Imported English Lawn Grass Seed—Grows in sun or shade. In any climate. Lawns grown from it are veritable pictures of beauty. There are 12 fine interleafing grasses in Blatchford's Imported English Lawn Grass Seed, and no weed seeds or coarse grasses. 1 lb., 50c, postage paid. By express, 5 lbs., \$1.75; 50 lbs., \$14.00.

Emerald Lawn Grass Seed—Our Emerald Lawn Grass Seed is a mixture of the finest grasses, such as produce thick, velvety lawns. Sow 2 to 3 bushels per acre. By mail, lb., 50c, postage paid. By express, 1 lb., 40c; 3 lbs., \$1.00; bu. of 14 lbs., \$4.00.

Kalaka—The wizard lawn producer. Blended grass seed and manure. Grows green grassy grass. 5 lb. box, \$1.00 By express only.

Sunny South Lawn Grass—A mixture that stands extremes of heat and drouth well, and is, therefore, peculiarly adapted to the South. 1 lb., 75c, postage paid. By freight, 1 lb., 60c; 5 lbs., \$2.50.

Our prices on Grass Seeds by freight do not include carrying charges. They will be sent at purchaser's expense.

THE CALIFORNIA WONDER SWEET POTATO.

The earliest and sweetest variety in existence. Beautiful shape; bright color; tender and soft. Very productive. Plants ready April 15th. ½ pk., \$1.00; pk., \$1.50; bu., \$4.00; plants, \$1.00 per 100, by express only.

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.

WE FILL ORDERS PROMPTLY

As soon as the weather permits. Send in your orders early while stock is complete. We want your trade, and will treat you right. A trial will convince you.

Terms Cash With Order.

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; 100-lb. sack, \$2.50.



Meadow Fescue or Randall Grass.

Grass Seeds

Bermuda Grass—No grass will stand the sun better. 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., \$1.50, postage paid. By freight or express, 1 lb., \$1.35; 10 lbs., \$12.50.

Kentucky Blue—Well known in all sections, and where the land is suitable, one of the most profitable grasses in cultivation for pasture. Succeeds best on limestone soil. At first it grows slowly, but afterward forms a very compact turf, making a fine pasture, and is excellent for lawns. Can be sown in spring or fall at the rate of 1½ to 2 bu. to the acre. 1 lb., 50c, postage paid. By freight, 5 lbs., \$2.00; bu. of 14 lbs., \$4.25.

Red Top or Herds Grass—Probably the most useful and succeeding better on more soils than any other grass for the South. 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 pounds to the acre. If using chaff seed, 2 to 3 bushels to the acre are required. Prices: Seed in chaff, 1 lb., 20c, postage paid. By freight, pk., 35c.; bu., \$1.00; 5 bu. \$4.50. Fancy Cleaned Seed, 1 lb., 40c, postage paid. By freight, 10 lbs., \$2.50; 100 lbs., \$22.00.



Perennial English Rye Grass.

English Perennial Rye Grass—It succeeds in almost any soil. Sown same as Blue Grass. Sown in the fall, produces fine winter pasture or beautiful green lawn. 1 lb., 35c, postage paid. By freight, 10 lbs., \$1.50; 100 lbs., \$9.00.

Meadow Fescue (Randall Grass)—An excellent pasture grass; early, nutritious, and thrives well on all good soils. The long tender leaves are much relished by cattle. Sow 35 lbs. to the acre. 1 lb., 45c, postage paid. By freight, 1 bu., 14 lbs., \$4.00; 100 lbs., \$28.00.

Orchard Grass—One of the most widely known of pasture grasses. Its properties are earliness, rapid growth and power to resist drouth. Will endure some shade. Flowers about the same time as Red Clover; 1½ bushels to the acre. 1 lb., 35c, postage paid. By freight, 1 bu., 14 lbs., \$2.90; 5 bu., \$13.50.

Awnless Brome Grass (Bromus Inermis)—Will stand long drouths and produce heavy crops in dry sections where other grasses would perish. It has also proved one of the hardest grasses. Will succeed in a wider range of temperature than any other grass. Sow 35 to 40 lbs. to the acre. 1 lb., 35c, postage paid. By freight, 10 lbs., \$1.80; 100 lbs., \$15.00.

Velvet or Mesquite Grass—The use of this grass is increasing to a considerable extent in the South. It is very highly appreciated, particularly as a pasturage grass. It starts early in the spring, being about the first grass to furnish pasturage, and it continues to furnish excellent pasturage up to June. Its growth starts again in August, and it furnishes very heavy grazing during the months of September and October. It is considered, however, an excellent grass to use mixed with other grasses; it catches well on nearly all soils and will hold and spread until plowed up. It is particularly well adapted for light and upland soils, and we recommend it in mixtures with Orchard and Tall Meadow Grass, particularly where it is desired to increase the yield of pasturage. Sow in March, 20 lbs. to the acre. 1 lb., 50c, postage paid. By freight, 1 lb., 40c; 20 lbs., \$7.00.

All quotations on Grass Seed are subject to market changes. Special quotations will be given at any time. State what quantity you wish.



Orchard Grass.



Red Top or Herds Grass.

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., \$2.00; 100 lbs., \$18.00.

Canada Blue Grass—More creeping in habit, a little coarser, but more hardy than the Kentucky Blue. Sow 30 lbs. to the acre. 1 lb., 30c, postage paid. By freight, bu., 14 lbs., \$2.50; 100 lbs., \$16.50.

Italian Rye Grass—Especially recommended for pasture mixtures. Adapted for moist situations. Sow 40 lbs. to the acre. 1 lb., 25c, postage paid. By freight, 10 lbs., \$1.50; 100 lbs., \$12.00.

Paspalum Dillatatum (Australian Water Grass)—Has given splendid results in Southern climates. It is an ideal grass for dairy farmers, as it produces enormous quantities of fresh, green, juicy feed during the hottest weather; it also keeps green during the winter. The seed may be sown at any time during the fall and early spring, generally with a nurse crop. Sow 30 lbs. to the acre. 1 lb., 85c, postage paid. By freight or express, 1 lb., 75c; 20 lbs., \$13.00; 50 lbs., \$30.50; 100 lbs., \$60.00.

FIRST-CLASS SEEDS AT REASONABLE PRICES.

We do not attempt to sell seeds at the lowest prices, but we do endeavor to supply the best seeds obtainable as low as first-class seeds can be sold.

NITRATE OF SODA

Is just the thing to put on lettuce as a top dressing when the plants are about 3 inches high. It stimulates the growth and makes the lettuce crisp and tender.

Seed Oats

SOW 2 to 2½ BUSHELS BROADCAST TO THE ACRE AS EARLY IN THE SPRING AS POSSIBLE.



New Sensation Oats.

New Sensation Oats

A fine new heavy oat, which is proving, wherever planted, to be one of the best and most reliable cropping of Spring Oats. It makes a large, heavy grain, of beautiful white appearance, making a large, well-filled kernel, and is of high nutritive feeding qualities. We have only been able to secure a limited quantity of this fine oat to offer to our customers this year, but we recommend to our customers to experiment freely with it, as we believe it will prove to be one of the largest cropping and most desirable white Spring Oats in cultivation. **Pk., 50c; 1 bu., \$1.00; 10 bu., \$9.00.**

Burt, or Ninety-Day Oats—The quickest growing, most prolific and surest cropping of Spring Oats. For a spring oat for seeding in March and April, the Burt is unquestionably the best and surest yielding of Spring Oats; the advantages claimed for it being that it is earlier to mature, free from rust, healthy, clean and vigorous growth of straw, and makes a remarkably good yield of clean, bright, heavy grain. On account of its earliness to mature, it is one of the surest-cropping varieties for the South. Color and appearance of grain somewhat resemble the rust-proof oat, but it is a little lighter in color. **Pk., 40c; 1 bu., 80c; 10 bu., \$7.50.**

Red Rust-Proof Oats—These oats are very popular throughout the South, especially on the light, sandy soils of the coast region. They are also preferred for low grounds or in situations where other oats are much inclined to rust. They make a large yield of fine heavy grain. They are usually sown both in the fall and spring. **Pk., 40c; 1 bu., 80c; 10 bu., \$7.50.**

Black Spring Oats—Are always considered more productive than white oats, and among the advantages of this splendid oat is that it makes a stiff straw, standing up well, and does not lodge. In England it has yielded as high as 122 bushels per acre, and is considered the hardest and most productive of all Spring Oats. **Pk., 40c; 1 bu., \$1.25; 10 bu., \$10.00.**

Appler Oats—The finest oat, according to Experiment Station, Georgia, in the South. Rust-proof. Matures about ten days earlier than native rust-proof and a week or ten days later than Burt. Exceedingly prolific. **Pk., 40c; 1 bu., 90c; 10 bu., \$8.50.**

Winter Turf Oats—For fall sowing. Sow 1½ bushels per acre. Can also be sown in the spring, and they will make a fine oat for seed, as the spring planting never shows any cheat. **Pk., 35c; 1 bu., 90c; 10 bu., \$8.50.**

Sorghum or Sugar Cane

Sorghum is planted for feeding stock during the spring and early summer. For this purpose it should be sown as early in spring as possible in drills about 2 to 3 feet apart, 1 peck per acre. It makes excellent green fodder. As a forage plant for early cutting, to be fed to stock, we do not think that anything is equal to it. Plant at any time from April to last of July in rows 3 feet apart, 6 to 10 seed, 12 to 18 inches apart in row, or drill lightly; can be sown broadcast; 1 bushel per acre for hay.

Red-Top African or Sumac Cane—Grown very extensively in Middle Tennessee. Seed is much smaller than that of Orange or Amber. Very sweet and one of the best for hay. **1 lb., 20c, postage paid. By express or freight, pk., 50c; 1 bu., \$1.75; 5 bu., \$8.00.**

Texas Seeded Ribbon Cane—Straight head variety; a very strong and tall-growing variety, noted for the immense quantities of finest syrup which it produces. It has yielded from 300 to 400 gallons of molasses per acre. The strong, leafy stalks make excellent forage. Plant in rows 3½ feet apart, 8 to 10 pounds to the acre. **1 lb., 40c, postage paid. By freight or express, 5 lbs., 75c; pk., \$1.25; bu., \$4.00.**

Early Orange—With taller and heavier stalks than Early Amber. Largely used for hay and fodder. Excellent for making syrup. **1 lb., 20c, postage paid. By freight or express, not prepaid, pk., 50c; 1 bu., \$1.60; 5 bu., \$7.50.**

Early Amber—The earliest type in cultivation. Black-hulled. Stalks tall and slim. Most suitable for hay, as it matures very quickly. Makes syrup of excellent quality. **1 lb., 20c, postage paid. By freight or express, not prepaid, pk., 50c; 1 bu., \$1.60; 5 bu., \$7.50.**

White Kaffir Corn—Grows 4 to 5 feet high. The stems are very leafy and keep green and brittle, unlike other Sorghums, which harden. Makes excellent fodder, either green or dried. For grain, sow 10 pounds to the acre, in rows 3 feet apart. For fodder, sow from ½ to 1 bushel, either broadcast or in drills. **1 lb., 20c, postage paid. By freight or express, pk., 50c; bu., \$1.25.**

Red Kaffir Corn—**1 lb., 25c, postage paid. By freight, pk., 60c; bu., \$1.50.**

Yellow Milo Maize—**1 lb., 25c, postage paid. By freight, pk., 60c; bu., \$1.50.**



Red Top or Sumac Sorghum.



Tennessee German
Millet.



Pencillaria.

Millet

There is nothing like Millet for sowing to cover up short-ages in your hay crops. It can be sown any time from the middle of April up to the middle or end of July, and makes a valuable catch crop. Use 1 to 2 bushels to the acre. Seamless grain bags, 25 cents each extra.

Tennessee German, or Golden Millet—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. It grows from 4 to 5 feet high, yielding an abundance of leaves; heads closely condensed; spikes very numerous; seeds round, golden yellow, in rough sheaths. Sow 1 bushel to the acre. 1 lb., 25c, postage paid. By freight, pk., 50c; 1 bu., \$1.75; 10 bu., \$16.00.

Western German Millet—Best quality. Preferred by some to any other; does not grow so coarse. Pk., 40c; 1 bu., \$1.50; 10 bu., \$14.00.

Hungarian Millet—Preferred by some to German Millet, as it is about a week earlier. Does not grow as large, but makes finer hay. 1 lb., 20c, postage paid. By freight, pk., 50c; bu., \$1.50.

Siberian Millet—It is extremely hardy, withstands drouth wonderfully and is about 2 weeks earlier than German Millet, growing 2½ to 3 feet in height. By mail, 1 lb., 25c. By freight, 10 lbs., 60c; bu., \$2.50.

Pearl Millet—Quick growing and heavy cropping. This quick growing forage plant has been long known under the name of East India or "Cat Tail" Millet. Sown in drills, 4 feet apart, and cultivated like corn, the plants attain a height of 8 to 10 feet, with slender, long-bladed leaves. Cut the stalk for green forage when about 3 feet high, and allow the plant to make a second growth for fall feeding or ensilage; 5 pounds of seed are required per acre. 1 lb., 35c, postage paid. By freight, 5 lbs., \$1.00; 100 lbs., \$12.00.

New Japanese Millet—Quick growing, drouth resisting variety of great merit. 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, postage paid. By freight, 1 lb., 25c; 10 lbs., \$1.50; 100 lbs., \$6.00.

Peas, Canada Field

Sow alone, 1½ bushels to the acre; with oats, 1 bushel. These are extensively planted for green forage, generally with oats, but are sometimes sown with barley. They are also sown alone for plowing into the soil and for making into hay. Prices variable, but always as low as the market will permit. Qt., 35c, postage paid. By freight, pk., 90c; bu., \$3.00.

Pencillaria

Pencillaria is a species of Pearl Millet. A yield of 95 tons per acre of green fodder is claimed, and 16 tons of good hay. The secret of it is it can be cut four or five times in one season. Grows to a height of 12 or 14 feet if left long enough, but should be cut when only half that height, as it is more tender. Sow about the 1st of May, 5 pounds per acre in drills 2 to 3 feet apart, or 15 pounds per acre broadcast. Prices: Pkt., 10c; ¼ lb., 15c; 1 lb., 45c, postage paid. By freight, 1 lb., 35c; 5 lbs. at 25c; 25 lbs. at 20c.

Buckwheat

Japanese—Makes a splendid flower food for bees and a large yield of grain. Sow from ½ to ¾ bushels per acre. By mail, 1 lb., postage paid, 30c. By freight, pk., 50c; bu., \$1.75.

Silver Hull—A superior variety. By mail, 1 lb., postage paid, 25c. By freight, pk., 50c; bu., \$1.85.



Hairy or Winter
Vetches.

Vetches

Hairy, or Winter (Vicia Villosa)—The greatest soil-renewing, hay and forage plant of the South. Should be sown from July to November, broadcast, at the rate of 1 peck to ½ bushel per acre, with ¾ bushel of winter oats or ½ bushel of wheat. The oats or wheat support the vetches, enabling them to make better growth, and facilitating the harvesting and curing. Vetches are excellent for hay, which should be cut as soon as the oats or wheat which was sown with them begins to form heads. The hay is one of the richest and most nutritious feeds for cows, increasing the flow and quality of milk. Properly handled, vetches will re-seed themselves and need to be sown only once to afford a continuous crop for a number of years. 1 lb., 30c, postage paid. By express or freight, pk., \$1.50; bu., 50 lbs., \$5.75.

Spring Vetches, or Tares (Vicia Sativa)—Highly valuable for soiling or for green manuring. Sometimes grown with oats, for mowing and feeding to stock. Sow in spring, while ground is cool and moist, or in early autumn. 1 lb., 30c, postage paid. By freight, pk., \$1.25; bu., \$4.00.



Chufas, Earth Almonds.

Chufas (Earth Almonds)

A species of ground-nut, forming an abundance of small tubers on its roots, but near the surface. They are easily harvested, and furnish one of the most valuable fattening feeds for hogs and poultry. Plant in April and May in rows 2 to 3 feet apart, dropping the roots 4 inches apart. Give shallow cultivation. The tubers mature in September and can remain in the ground until needed. One peck will plant one acre. Pkt., 10c; 1 lb., 30c, postage paid. By freight or express, pk., \$1.50; bu., 44 lbs., \$5.50.

Rape

Dwarf Essex—A most profitable forage plant. We can think of no simple change which would do more to increase the profitableness of American farming than a more general use of Dwarf Essex Rape. It is an inexpensive crop, costing but little for seed or cultivation, is very hardy, can be made to take the place of some crop that has failed, and will yield an enormous crop of forage, or it can be sown after harvest as a cover crop. Many farmers are sowing Dwarf Essex Rape with their wheat or other spring sowing crops, putting it right in the drills with the grains sown. The rape plants do not develop sufficiently to interfere with the growing grain, but after harvest come on rapidly. It does well to sow after the corn has been laid by and when the corn has been husked it furnishes the very best pasture, in connection with the stalks. Plant in March and April or in the fall in good soil; it will not thrive in poor ground. The seed should be used at the rate of 3 pounds per acre in drills, or 5 to 10 pounds per acre broadcast. **1 lb., 20c, postage paid. By express or freight, not prepaid, 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.50.**



Dwarf Essex Rape.

Broom Corn

Broom Corn will succeed in any good corn soil and will make a crop with little rain. Besides the brush, it will produce a large yield of grain equal in feeding value to oats. Six pounds of seed are required for an acre when drilled in rows 3 feet apart.

Improved Evergreen—A favorite in all sections. Grows to a good length, and if cut at the proper time retains a good color. **Price, by mail, 1 lb., 25c. By express or freight, pk., \$1.00; bu., \$3.00.**

Dwarf Oklahoma—This variety grows only 3 or 4 feet high, and is much easier handled than the tall growing sorts. The brush is straight, smooth and of good quality. **Price by mail, 1 lb., 30c. By express or freight, pk., \$1.25; bu., \$3.50.**

White Hullless Barley

It has no beards or hulls. It is early and gives enormous yields. Nothing to equal it as a hog food. This remarkable Barley is entirely distinct in grain from other sorts, being more like a very plump, hard wheat, remarkably solid, weighing over 60 pounds to the bushel. It is extremely early and on this account is invaluable in the Northern tier of States where corn does not ripen well. It is an enormous cropper, yielding from 50 to 60 bushels per acre of grain, possessing feeding qualities superior to other Barley. The straw stools well and is heavily leaved and makes an excellent hay. Sow 2 bushels per acre. **Pk., 75c; 1 bu. of 48 lbs., \$2.25; 5 to 10 bushels at \$2.00.**

Beardless Spring Barley

It makes a quick growing crop of most excellent and nutritious feed, either to use green or to cure as hay. Sow 1½ to 2 bushels per acre. **By mail, 1 lb., 20c. By express, pk., 60c; 1 bu., \$2.00.**

EARLY WONDER SPRING WHEAT.

Early and prolific, medium size heads, well filled, plump kernels, stools heavily and is one of the finest milling varieties. It has been grown for years in the extreme North, which assures its hardness in all sections of the country. **Pk., 75c; bu., \$2.00.**



Teosinte Reana Luxurians.

Teosinte (Reana Luxurians)

Yields enormous quantities of excellent forage. The plants grow from 10 to 12 feet high, but should be cut before they attain this size so as to stimulate the stooling habit. Single seeds have produced from 25 to 40 stalks, thickly set with leaves, which are somewhat longer and broader than those of the Indian Corn. The forage is rich and tender, and is greedily eaten by horses as well as cattle and sheep. Sow in April, May or June, in drills 3½ to 4 feet apart, at the rate of 3 pounds to the acre. **By mail, pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., \$1.10. By freight or express, 1 lb., \$1.00; 10 lbs., \$8.50.**

Velvet Bean

This new Bean is becoming very popular in the South. It is very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. Should be planted in rows about 4 feet apart and 1 foot apart in the row, putting 2 or 3 beans in each place. **Pkt., 10c; 1 lb., 30c, postage paid. By freight, ½ pk., 65c; pk., \$1.15; bu., \$4.00.**



Thousand Headed Kale.

Thousand Headed Kale

A crop similar to Dwarf Essex Rape, and it produces tremendous masses of cut and curved leaves, which are large, rich and beautiful deep green color. Sow in drills or broadcast; if broadcast, sow 3 to 3½ lbs. per acre, or in drills, 1½ to 2 lbs. per acre. **By mail, 1 lb., 80c; 3 lbs., \$2.00. By express, 5 lbs., \$3.00.**

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. 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, Teosinte, Japanese and Pearl Millet, Speltz, Rye, etc. **By mail, 1 lb., 25c. By freight or express, 1 lb., 15c; 10 lbs., \$1.25; 20 lbs., \$2.00.**

FLAX SEED.

Thirty to forty pounds will sow an acre. **1 lb., 25c; 3 lbs., 65c; postage paid. By freight, pk., 75c; bu., \$2.50.**



Mammoth Yellow Soy Beans.



Spanish Peanuts.



Jerusalem Artichoke.

Soy or Soja Beans

A VALUABLE CROP FOR THE FARMER.

Soy Beans have a double value. First, they contain a very large amount of protein and are great for feed; and, second, they are nitrogen gatherers and enrich the soil wherever grown. Sow just after corn planting, when the ground is warm, in drills 30 inches apart, and 3 or 4 inches apart in the drill. From 1 to 2 pecks will seed an acre. When desired for hay, cut when the pods are partly developed.

Mammoth Yellow—Makes a heavy growth and is desirable in every way. The best variety for the South.

Hollybrook Early—Makes a quicker growth and matures three weeks earlier than the Mammoth Yellow.

Prices, all varieties, by mail: Pt., 20c; qt., 35c. By freight, qt., 20c; ½ pk., 50c; pk., 75c; bu., 60 lbs., \$2.50. Write for prices on large lots.

Speltz, or Emmer

THE VALUABLE NEW GRAIN FROM RUSSIA.

Matures as early as barley and grows as tall as rye, but is of better feeding value than either. It is tough and hardy and stands the drouth better than any other grain. It yields from 40 to 80 bushels of grain and 4 to 6 tons of straw per acre. In the green state it furnishes excellent pasture. All the animals on the farm will eat it eagerly and flourish. Sow at the rate of 75 to 100 pounds per acre, very early in the spring or fall. Do not let stand until it is too ripe, as it shells easily. 1 lb., 20c; 3 lbs., 50c, postage paid. By express or freight, 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75.

Egyptian Wheat

Belongs to the Sorghum family and should be planted like cane or milo, either for grain or hay. Broadcast, it makes from 4 to 8 tons to the acre. In drills, it yields 75 to 85 bushels of grain per acre. The grain is white inside and has a light hull. The heads are large and heavy, the grain hanging on one side. All stock love it, and do well on it. With milch cows it is superior to cottonseed for milk and butter. It makes hens lay better than any poultry food. Plant in drills 3 feet apart, using 10 pounds of seed per acre, or broadcast, using from 2 to 4 bushels. 1 lb., 25c, postage paid. By express, not prepaid, 1 lb., 15c; 25 lbs., \$2.50; 50 lbs., \$8.00; 100 lbs., \$7.50.

Giant Beggar Weed, or Florida Clover

This plant will subsist on very thin, sandy land, attaining a marvelously rank growth where few other plants thrive. It may be sown broadcast like millet, or may be planted in drills. It will usually grow 2 or 3 feet high, but if put on good soil will grow much higher. Ten or 15 pounds of seed are usually sown to the acre. Will afford splendid pasture for all classes of live stock. It produces excellent hay. 1 lb., 50c, postage paid. By freight or express, 1 lb., 40c; 10 lbs., \$3.50.

Artichoke

White French, or Jerusalem—Produces enormous quantities of tubers, which furnish a highly nutritious and fattening feed for hogs. They grow in almost any soil, the richer the soil the larger the crops. Plant the same as Irish potatoes, cutting the tubers in pieces, one eye to each piece. Drop the pieces 15 to 20 inches apart in rows 3 to 3½ feet apart, covering with about 2 inches of soil. They may be planted from January until April. Four bushels will plant 1 acre. 1 lb., 25c; 3 lbs., 50c, postage paid. By freight or express, pk., 75c; bu., \$2.50.

Russian Sunflower

It is immensely productive and can be raised cheaper than corn, as any waste piece of ground will suffice. It is the best egg-producing food known. By mail, 1 oz., 10c; ¼ lb., 15c; 1 lb., 25c. By freight, 10 lbs., 80c; 25 lbs., \$1.75.

Peanuts

Peanuts are being more and more recognized as a profitable crop, and they have proven great money makers, where the right varieties were grown in the correct manner. They thrive best in a sandy, loamy soil. The best method of planting and harvesting is given by one of our most successful growers as follows: "Prepare the ground well, laying it off with a shovel plow, in rows 3½ feet apart. Plant either in the hull, 16 to 18 inches apart, or hull them and put 2 kernels to the hill. Cultivate thoroughly and keep the land as level as possible. When they mature pull them up, turning the roots to the sun. In bright weather they will be cured sufficiently in 24 hours. After threshing, or picking the nuts, the vines make excellent hay. Three-fourths bushel of unshelled nuts will sow 1 acre."

Louisiana Jumbo Peanuts

This is the largest peanut grown. The pods measure an average of 2¼ inches in length and 1¼ inches in diameter; thick shelled and deep ridged. The kernels are light color, 1½ inches long and ½ inch in diameter; splendid bearer; a dozen of the peanuts have been known to produce a bushel. Pkt., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c, postage paid. By express, not prepaid, ½ pk., measured, \$1.00.

Tennessee Red—Especially adapted to our land. The nuts contain 3 large kernels each, and are enormously productive. 1 lb., 25c, postage paid. By freight or express, lb., 15c; 20 lbs., \$2.50; 50 lbs., \$5.00; 100 lbs., \$9.50; per bu., 22 lbs., \$2.00.

Virginia Improved—A very profitable sort, planted almost exclusively in the peanut-growing section of Virginia. It is the standard variety for roasting. 1 lb., 25c, postage paid. By freight or express, 1 lb., 15c; 20 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.75; per bu., 22 lbs., \$2.00.

Spanish—The earliest, but also the smallest variety grown. The nuts are solid and well filled, yielding large quantities per acre. The best sort for fattening hogs. One-half bushel shelled nuts or 2 bushels in the pod will plant an acre. 1 lb., 25c, postage paid. By freight or express, 1 lb., 15c; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00; per bu., 22 lbs., \$1.75.

Cow or Stock Peas

Cow or Stock Peas—Now universally known everywhere. Makes poor land rich; makes good land better; makes splendid hay and nutritious, green forage. Finest fertilizer in the world when vines are plowed under; even enriches the soil when crop is cut off. Sow at the rate of 1½ to 2 bushels per acre broadcast; in drills, 1 bushel. If wanted for hay, cut when peas are about two-thirds formed in the pod. **Market prices on Cow Peas change often. Write for price on bushel or over when ready to buy.**

The following prices are subject to market fluctuations:
Black—Produces large vine. Makes fine hay. Pk., 60c; bu., \$2.00.

Clay—One of the best for hay crop. Pk., 50c; bu., \$1.90.

Blue Whippoorwill—Makes more vine, hardier and better than the Speckled Whippoorwill. Pk., 50c; bu., \$1.75.

Whippoorwill, or Speckled—An early bunching variety; prolific. Pk., 50c; bu., \$1.85.

Red Ripper—One of the best to plant in corn rows. Pk., 50c; bu., \$1.90.

Mixed Peas—All kinds mixed. Bu., \$1.60.

White Black Eyes—Prolific and much used for table use. Pk., \$1.00; bu., \$3.50.

Large Black Eye—A desirable variety; much larger than the ordinary variety. Pk., \$1.25; bu., \$4.00.

California White Black Eye—Very large, kidney shaped peas, maturing the earliest of all; fine for early market. Qt., 40c, postage paid. By express or freight, pk., \$1.25; bu., \$4.00.

Sugar Crowder—Fine flavor and quality. Pk., \$1.50; bu., \$4.50.

Lady Peas—Admirable sort for the table. Always brings high prices. Pk., \$1.25; bu., \$4.00.

Wonderful New Stock Pea AUSTRALIAN WHIPPOORWILL.

This new pea was brought from Australia 6 years ago, since which time it has been grown from Louisiana to Minnesota. It is the largest of the known varieties of Stock Peas. The vines are strong, rapid growers, with very large, thick, broad leaves, the largest vines of any variety; great croppers; pods of immense size, which are filled with very large speckled peas, often as many as 22 peas are found in a single pod. The vines, pods and peas are all larger than any other known variety; medium early, following close in maturity with our old Whippoorwill. This is a crowder variety, and the large peas are so crowded in the pods that they grow into each other. One will really wonder how the pods can hold the peas. This variety makes a wonderful root development, a very important matter, as peas are needed for subsoilers. This is one of the very best table varieties of peas, and is certainly the best to sow for hay or for fertilizing purposes. Reports for the season of 1911 on this pea from Louisiana, Texas, Arkansas, Mississippi and Alabama are all very flattering. Owing to scarcity of stock, we are only able to offer this pea this season in packets and pints, but one can soon get a supply from this quantity. The introducer had only 12 seed to begin with 6 years ago, yet over a hundred bushels have been grown and distributed from Louisiana to Minnesota. **Price, per pkt., 15c; pt., 50c, postage paid.**

Seed Rice

Hondurns Rice—The most popular variety now being raised on the prairie lands in Arkansas with so much success. 1 lb., 40c, postage paid. By freight, pk., \$1.00; bu., 44 lbs., \$3.50.

Upland Rice—An early variety which can be grown on any ordinary land without irrigation, although it prefers a moist situation. Sow early in drills, 2 feet apart, and drop the seeds 1 inch apart in drills, covering about 1½ inches; 1 peck per acre. ¼ lb., 15c; 1 lb., 40c; 3 lbs., \$1.00, postage paid. By express or freight, ½ pk., 65c; pk., 11 lbs., \$1.40; bu., \$4.50.

Miscellaneous

Winter Rye—Plant August to November at the rate of 1½ bushels per acre. Pk., 40c; bu., \$1.50.

Winter Wheat—Varieties and prices on request.

Tennessee Winter Barley—Plant in the fall, 1½ bushels to the acre. Pk., 40c; bu., \$1.50; 5 bu., \$7.00.

Beans

Castor Beans—1 lb., 25c, postage paid. By freight or express, 1 lb., 15c; pk., \$1.00; bu., \$3.75.

Prolific Tree Beans—The beans are pure white, of small size. Sow in rows, 1 bushel to the acre, about May 1. Pkt., 10c; ½ pt., 15c; qt., 40c, postage paid. By freight, pk., \$1.25; bu., \$4.00.

White Marrow Beans—Used as dry shell beans. Price same as Prolific Tree.

Red Kidney Beans—Very fine as dry beans. Price the same as Prolific Tree.

Ratekin's Seed Corns

We can supply Southern customers the Genuine Ratekin's Corns, which are now too well known to go into Any Description.

Ratekin's Diamond Joe's Big White

THE CORN THAT MADE 146 BUSHELS PER ACRE.

This wonderful new variety of white corn was originated and first introduced five years ago, and is now acknowledged by farmers, planters and corn growers everywhere as the "King of all White Corn."

POINTS OF SUPREMACY OVER OTHER VARIETIES.

1. It is pure and a distinct variety.
2. It is a strong, vigorous, robust grower from the start.
3. It is absolutely free from barren stalks, every stalk bearing one or more well developed ears.
4. It is very early to mature, making itself anywhere in 100 days or less.
5. It will thrive and do well in extreme drouth, where other varieties fail.

Prices: 1 lb., 25c; 3 lbs., 70c, postage paid. By freight, 1 o. b. Memphis, 4 qts., 50c; pk., 75c; bu., \$2.25

Ratekin's Iowa Silver Mine White

It is an absolute fact that "Ratekin's Iowa Silver Mine" has made the greatest record of any white corn on earth and has captivated the hearts of the corn-growing farmers throughout the whole world. "Ratekin's Iowa Silver Mine" is as near drouth-resisting as any variety ever produced, and being of extreme vitality will do better on old, poor or hill land than any variety in existence. We offer this corn to our farmers as one of the very best for feeding, and for ensilage purposes. In the Southern States, where we have sold and sent tens of thousands of bushels during the past years, it has proven the great salvation of the country.

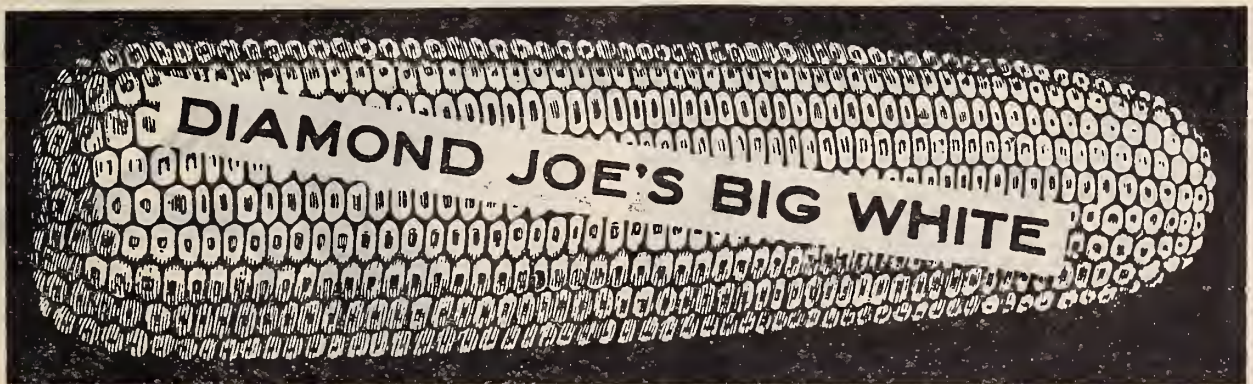
Prices: 1 lb., 25c; 3 lbs., 60c, postage paid. By freight or express, at purchaser's expense, pk., 50c; ½ bu., 90c; 1 bu. to 5 bu., \$1.75.

Ratekin's Pride of Nishna

Above any other yellow corn grown for general crop purposes, including its feeding value, its extraordinary yield and strength of vitality to resist all conditions encountered in the cultivation and growth of a corn crop.

Description—The ears of this variety are very uniform in size and shape, cylindrical from butt to tip, running from 9 to 12 inches in length and 7 to 8 inches in circumference, containing from 16 to 24 rows (usually about 18), of deep kernels solidly set on a medium small red cob, shelling 86 to 88 per cent grains, and often even more. A wagon load of this corn weighs out 3 to 4 bushels more than ordinary varieties of corn, proving its solidity. It is a golden yellow, and a big crib full is a beautiful sight to behold. The stalks are from 8 to 12 feet high, dependent on the character of the land, whether hill or bottom land, and are strong and robust, always standing up well. The strong, deep roots give it strength and vitality to withstand drouth and other unfavorable conditions. No corn grower will make a mistake if he plants "Pride of Nishna."

Prices: 1 lb., 25c; 3 lbs., 60c, postage paid. By freight or express, at purchaser's expense, pk., 60c; ½ bu., 90c; 1 bu. to 5 bu., \$1.75.





You Can't Grow Crops without Nitrogen

You've got to give it to them in some way, and the
Quickest—Cheapest—Cleanest
way is to use

Nitrate of Soda

Because: The Nitrate will act at once. It is the form of nitrogen the plant may take up without previous or delayed soil nitration. All its nitrogen is available. It is pure plant food. It is as clean to handle as sand.

It will pay you to top dress your meadow with 100 lbs. per acre, and to add some Nitrate of Soda to your complete fertilizer.

High Grade Fertilizers

Best Results from the Soil—If you want to obtain the best results from the soil, there is only one way to do it; that is to use a complete fertilizer. When you begin to understand and fully appreciate the nature of the soil you tend, and when you awake to the fact that in the liberal use of fertilizers in a complete form you are storing great wealth in your lands, you will not be far off the heels of the other fellow.

Directions for Using Fertilizers

- For Corn**—When sown broadcast, use 200 to 400 pounds to the acre. If applied in the hill, use 1 handful to 2 or 3 hills, mixing it with the soil or scattering it somewhat. Do not let seed come in contact with fertilizer.
- For Cotton**—Open up a furrow, put down 200 to 300 pounds, then cover, then plant seed. Or you can apply after thinning the plant to a stand, using a Columbus Fertilizer Distributer, drilling the fertilizer about 6 to 8 inches from the plants.
- For Potatoes**—Apply 400 to 600 pounds per acre of Truck Grower, in the rows or hills; or broadcast, a proportionate quantity.
- For Grass**—Apply at any time during the spring or fall, 300 pounds per acre, broadcast, although a very good plan is to sow it in the spring after the frost is out of the ground.
- For Beans, Peas and Garden Vegetables**—Apply 300 to 400 pounds per acre, broadcast, and rake or harrow it before planting the seed.
- For Tomatoes**—The usual plan is to furnish each plant with a small handful at transplanting time, well mixed with the soil.
- For Wheat or Rye**—Drill in with the grain at the rate of 250 pounds per acre, or more, if preferred.

Schwill's Special Brands

- Schwill's Truck Grower**—Made especially for vegetables and garden crops. Analysis: 10 per cent phosphoric acid, 4 per cent potash, 4 per cent nitrogen. Per 100 lb. bag, \$2.00; per ton, \$35.00.
- Schwill's Corn Grower**—Prepared to give increased yield on corn crop. Analysis: 12 per cent phosphoric acid, 1 per cent potash, 1 per cent nitrogen. Per 100 lbs., \$1.50; per ton, \$26.00.
- Schwill's Cotton Grower**—Especially recommended for cotton, which needs plenty of potash. Analysis: 10 per cent phosphoric acid; 2 per cent potash, 1 per cent nitrogen. Per 100 lbs., \$1.50; per ton, \$27.00.
- Schwill's Acid Phosphate**—Splendid for making compost or mixtures. 14 per cent analysis: Per 100 lbs., \$1.00; per ton, \$18.00. 16 per cent analysis: Per 100 lbs., \$1.25; per ton, \$19.00.
- Schwill's Lawn Fertilizer**—A very rich, pure, natural manure, especially prepared for lawns and meadows. 10 lbs., 50c; 100 lbs., \$2.50; per bag of 200 lbs., \$4.00.
- Pulverized Sheep Manure**—One of the best manures to mix with soil for potting plants. 25 lbs., \$1.00; 50 lbs., \$1.50.
- German Kainit**—Guaranteed 12 per cent potash. 100 lbs., \$1.25; ton, \$21.00.
- Muriate of Potash**—Guaranteed 38 per cent potash. 100 lbs., \$3.50; ton, \$60.00.
- Lead Plaster or Gypsum**—Is largely used as a fertilizer for clover, corn and other crops. A good thing to sprinkle over fresh cut seed potatoes. Excellent to mix with paris green at the rate of 100 pounds of plaster to 1 pound of paris green, to kill bugs, worms, etc. 50 lbs., 75c; 100 lbs., \$1.00; 200-lb. sack, \$1.25; per ton, \$11.00.
- Wizard Brand Sheep Manure**—Nature's own fertilizer, absolutely pure and best to use on lawns and flowers. 5 lbs., 30c. By express only.

Nitrate of Soda

This is the most soluble and quickly available form of Nitrogen or "Ammonia." It is of great benefit in forcing a strong, luxuriant growth in plants. It is especially valuable for cabbage, cauliflower, beets, carrots, onions, potatoes and similar crops, as well as for grass, grain, fruits and flowers. It can be advantageously used as a top dressing after plants are up. It is immediately available to the plants when applied. Use 100 pounds to an acre. 25 lbs., \$1.25; 100 lbs., \$4.00; per ton, \$65.00.

Pure Bone Meal—Invaluable for top dressing lawns. Nothing is better for fertilizing young fruit trees, grape vines, roses, etc. 5 lbs., 30c; 10 lbs., 40c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.25.

STERLINGWORTH PLANT TABLETS

A new odorless invigorator for house plants; increases growth of plant and doubles the bloom. Two sizes, 10c and 25c per box.

Sterlingworth Lawn Compound—5 lbs., 75c; 10 lbs., \$1.25. "Bonora," Nature's Plant Food—The recognized fertilizer of modern times. Fine for all Pot Plants, Palms, etc.

Trial size, ¼ lb. pkg., making 56 pints solution, 25c; by mail, 30c. 1 lb. size pkg., making 28 gallons solution, 50c; by mail, 65c. 5 lb. size pkg., making 140 gallons solution, \$2.50, by express.

Walker's Excelsior Plant Food—Produces rich, green growth and profusion of flowers. Pkt., 20c; by mail, 30c.

Hoskins' Weed Killer and Lawn Fertilizer—Kills every weed that grows. Grows everything but weeds. One pound of Hoskins' Weed Killer and Lawn Fertilizer "fixes" 40 square feet of lawn. 1 lb. can, with sift top, 35c; 5 lb. box, including can with sift top, \$1.25.

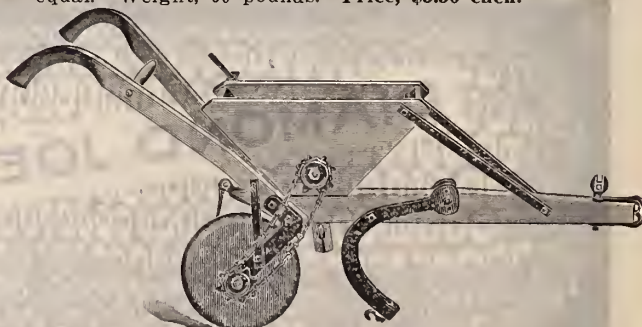
Ammoniated Lawn Lime Fertilizer—Will help kill out all weeds, makes the grass grow luxuriantly. 2 lb. tins, 25c; 5 lb. tins, 50c; 25 lb. bag, \$2.00; 100 lb. bag, \$6.00.

Ground Limestone

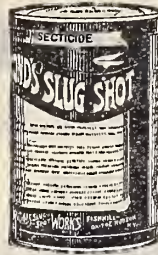
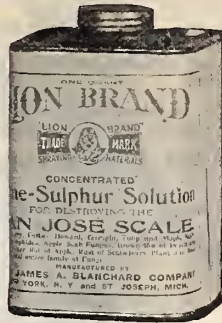
Use ground lime dust on your alfalfa, red clover and grasses, and you will get results. Sow broadcast, then plow or disk harrow in 1,000 to 2,000 pounds of it on an acre of land about 2 weeks before sowing seed. 100 lbs., 75c; \$10.00 per ton. Sacked f. o. b. Memphis. In car lots we can make very low prices. Write us.

Columbus Fertilizer Distributer

A decided improvement over other machines for spreading fertilizers. The hopper is large and well braced, arms very heavy and strongly braced, making them perfectly rigid. The slot in the bottom of the hopper is larger than in any other distributor, and the amount of fertilizer can be regulated perfectly by the lever or cut-off entirely at will. The manufacturers, after exhaustive tests, have reached perfection in making the Columbus Distributer, improving all the weak points as experience has developed them in other makes. The Columbus Fertilizer Distributers have no equal. Weight, 60 pounds. Price, \$5.50 each.



Columbus Fertilizer Distributer.



Insecticides

It pays you to spray. Don't let the insects ruin your orchard. Try spraying this spring. You will be well repaid for your expense and trouble. Directions for applying the different preparations are printed on the package. Prices are f. o. b. Memphis, purchaser paying carrying charges unless noted otherwise. Dry powder and soaps—non-poisonous—can be forwarded by mail. Postage, 16c per lb. additional. Liquid insecticides are not permitted in the mails.

Order early. Fruit trees should be sprayed early in spring. Have the material on hand and do the work at the right time. You can raise good fruit by systematic spraying.

Arsenate Lead (Poison)

To control Codling Moth, Curculio and all leaf-eating insects. Specially recommended for treating all lawn shrubbery, such as rose bushes and all tender plants; also for all garden plants and particularly for potatoes. It sticks to the plants and is absolutely free from any danger of burning. Better than Paris green. 1 lb. can, 25c; 5 lb. can, \$1.00; 12½ lb. pail, \$2.00; 100 lbs., \$15.00.

Lime Sulphur Solution

For use in the dormant period. This material combines the great fungicidal properties of sulphur with the scale remedy, and is specially recommended for peach and plum trees, which need the combined treatment in the fall and spring. Qt., 35c; 1 gal., 75c; 5 gal., \$3.00.

Bordeaux Mixture

The greatest fungicide known. Recommended for rust and scab and all kinds of rot. Paste form. Bordeaux in pulp, qt., 40c; 1 gal., \$1.25. Dry Bordeaux Mixture, 6 lb. bag, \$1.00.

KEROSENE EMULSION (LIQUID).

This is strictly an insecticide for plant lice of all kinds, rose bugs, cabbage bugs, melon insects, fowl, human and animal lice, caterpillars, tobacco flies, peach lice, red spiders, green fly and all sucking insects. Qt., 50c; 1 gal., \$1.25.



Miscellaneous Insecticides

Copper Sulphate Solution—For plant life of any kind, cabbage worm, scale insects on apple, pear and other trees. Price per qt., 50c; 1 gal., \$1.25.

Weedicide—Kills and eradicates weeds of all sorts by simply sprinkling the liquid on them. For yards and lawns, walks, drives. 1 qt. jug, 40c; 1 gal. jug, \$1.00.

BORDEAUX-ARSENATE LEAD MIXTURE.

This is a combined fungicide and insecticide, specially recommended for Apple and Pear Trees, also for Potatoes, Melons and Cucumber Vines. Qt., 75c; 1 gal., \$2.00.

KILL-O-SCALE.

A scientific chemical compound for exterminating the San Jose Scale. Qt., 50c; ½ gal., 75c; 1 gal., \$1.25.

WHITE HELLEBORE.

A non-poisonous powder for destroying cabbage worms, bugs and lice on vegetables. ½ lb., 25c; 1 lb., 40c. By mail, 15c per lb. additional.

FIR TREE OIL SOAP.

For destroying all insects that infest fruit trees and plants, such as mealy bugs, red spider, green fly, etc. ½ lb., 25c; by mail, 35c.

Bug Death—A new powder that effectually takes the place of Paris green and other dangerous and poisonous insecticides. By mail, 1 lb., 30c. By express, 1 lb., 15c; 5 lb. pkg., 50c; 12½ lb. box, \$1.00; 100 lb. keg, \$7.00.

Hammond's Slug Shot—Specially recommended for destroying cabbage worm and other insects that prey on vegetation. Non-poisonous to human life. By mail, 1 lb., 30c. By express, 1 lb. carton, 15c; 5 lb. pkg., 35c; 10 lb. pkg., 60c; per 100 lbs., \$5.00.

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.

Tobacco Dust—For insects on poultry and in poultry house. Per lb., 15c; 5 lbs., 35c; 25 lbs., \$1.25.

Dalmatian, or Persian Insect Powder—One of the safest insecticides for all insects. Price, ½ lb., 25c; 1 lb., 40c. By mail, 15c lb. extra.

Paris Green—1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50. By mail, 1 lb., 52c.

Rose Leaf Tobacco Extract—Pt. cans, 35c. **Scale Destroyer, Target Brand**—1 qt., 50c; 1 gal., \$1.50.

Sulpho Tobacco Soap—½ lb., 20c. By mail, 30c. **Whale Oil Soap**—1 lb., 25c. By mail, 1 lb., 40c.

FLY SPRAY LIQUIDS.

These liquid mixtures are designed to protect cows and horses from torture of flies.

	Can
Cattle Content, Keep Off Flies, qt.	\$0.40
Cattle Content, Keep Off Flies, gal.	1.25
Target Fly Spray, qt. ....	.35
Target Fly Spray, gal.	1.00
Magic Fly Off, qt. ....	.50
Red Star Disinfectant, qt. ....	.60
Red Star Disinfectant, ½ gal.	1.00
Red Star Disinfectant, 1 gal.	2.00
World's Wonder Disinfectant, qt. ....	.70
Conkey's Fly Chaser, qt. ....	.35
Conkey's Fly Chaser, 2 qts. ....	.60
Conkey's Fly Chaser, 1 gal.	1.00
Sprayers, each	50c, 75c, \$1.00

All of above prices are f. o. b. Memphis. They are not mailable.

When and What to Spray

TREE.	First Application.	Second Application.	Third Application.	Fourth Application.
APPLE.	Lime Sulphur Solution During January and February.	Just before blossoms open, Bordeaux Mixture.	When fruit is set, Arsenate of Lead.	Spray growing fruit with Arsenate of Lead.
PEACH.	During January and February—Lime Sulphur Solution.	Before buds swell, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later, Bordeaux, with Arsenate of Lead.
PLUM.	January—Lime Sulphur Solution.	Before buds swell, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later, Bordeaux, with Arsenate of Lead.
PEAR.	January—Kill-O-Scale.	For blight, cut out all affected branches.	After blossoms have fallen, Bordeaux Mixture.	20 days later, Bordeaux, with Arsenate of Lead.
CHERRY.	January—Kill-O-Scale.	For black knot and rot Bordeaux when fruit is set.	14 days later repeat Bordeaux, with Arsenate of Lead.	If aphid appears, use Kerosene Emulsion.
GRAPEVINE.	Before buds break, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later, Bordeaux Mixture.	14 days later, Bordeaux, with Arsenate of Lead.

For fungus diseases, use at all times Bordeaux Mixture. For lice and chewing insects and aphids, use Kerosene Emulsion. On roses, use Fir Tree Oil Soap solution for green fly. For caterpillars, use Arsenate of Lead. For mildew, use Lime Sulphur.



Spray Pumps



Simplex Sprayer.



Myers' Knapsack Sprayer.

No need to use space to tell of the advantage in spraying. Suffice to say you can hardly raise a crop of anything, especially fruits, unless you spray properly. Buy a good spray pump and see the improvement. Circulars free telling how and when to spray to all purchasers. Our line is complete. These useful tools can be used for many purposes, spraying trees, plants, whitewashing poultry houses, spraying insecticides and disinfectants. Full circulars telling how and when to spray supplied with orders. Prices quoted do not include transportation. We can supply large orchard pumps.

"Simplex" Sprayer

The "Simplex" Sprayer is without question the most successful machine of its kind on the market. It is fully guaranteed by the manufacturers to give perfect satisfaction. The pressure is maintained high and even with the pump that is under perfect control at all times.

Uses—For spraying Arsenate of Lead, Paris Green, Bordeaux Mixture, Sulphate of Iron, Kerosene Emulsion, Stock Dips, Disinfectants, Whitewash, Cold Water Paints, etc., on plants, bushes, trees, nursery stock, and in barns, poultry houses, factories, warehouses, etc., etc.

Even Pressure—The pressure can be maintained high and even from start to finish with the pump that is portable in respect to the tank.

Uniform Spray—A misty and forceful spray is steadily delivered by the nozzle, because the pressure is always kept high in the tank.

Automatic Agitator—With every stroke of the pump the air gives the liquid a rotary motion around the bottom of the tank. This automatically keeps the ingredients thoroughly mixed at all times.

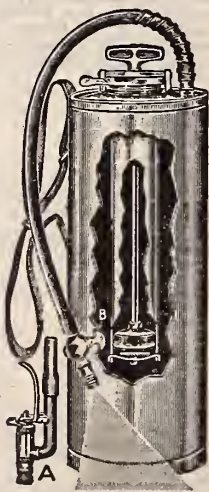
Price, No. 1—Brass Tank Simplex Sprayer. Each.... \$7.50
Price, No. 2—Galvanized Tank Simplex Sprayer. Each \$7.75
Two foot Extension Pipes. Each..... 50
No. 2 Brass Cap for whitewashing. Each..... 50



Gould Bordeaux Pump.



Auto Pop Attachment.
For Auto Sprayer No. 1
Price, \$1.50 each.

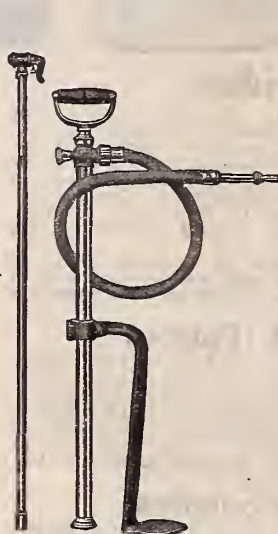


PATENTED.
Auto Spray No. 1.

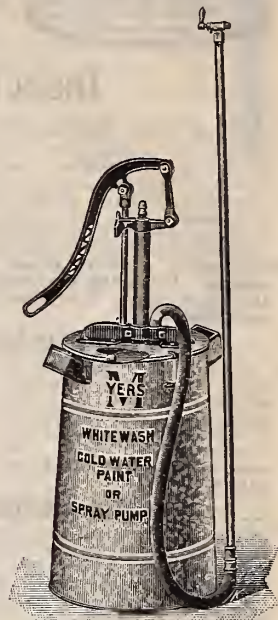
Douglass No. 259 Bucket Pump—A high grade bucket sprayer. Cylinders are all brass tubing; brass valves and balls, adjustable to any size pail or bucket. **Price, \$6.00 each.**

Junior No. 5 Bucket Pump—All brass, easy to operate; light weight, but a durable pump. **Price, \$3.00 each.**

The Standard Spray and Whitewash Pump—Throws a stream 40 feet and makes a spray as fine as mist. Has no equal for spraying trees, flowers, lawns, gardens. Spray your cattle, hog or poultry houses with it. We furnish a separate nozzle for whitewashing. **Complete, \$4.00 each.**



Douglass Bucket Pump No. 259.



Gould Bordeaux Pump

For whitewashing, window washing, buggy washing, tree spraying, etc. Many poultrymen have become tired of whitewashing their poultry houses in the old way—with a brush—and are looking for an effective spraying pump, at low cost, that will do the work satisfactorily and with far less trouble. We offer such a pump in the Gould Brass Spray Pump, illustrated herewith. The pump is furnished with a Bordeaux Nozzle, which may be graduated to give a solid stream or a coarse or fine spray. **Price, \$4.50.**

Myers' Spray Pumps

Myers' Knapsack Sprayer—The best compressed air knapsack sprayer. **Price, with galvanized iron tank, \$6.50; with copper tank, \$12.00.**

Myers' Whitewashing and General Purpose Sprayer, Wonderful Power and Capacity—Tank extra heavy, galvanized steel; holds 8 gallons and has reinforced cover. Cylinders extra heavy, 1½ inches in diameter; brass ball valves and 3-ply hose. Suitable for applying whitewash and cold water paints, and will do the work of five men with brushes. **Price, \$10.00 each.**

Myers' Imperial Bucket Spray Pump No. 325—With patent agitator, fitted with malleable foot rest, graduating vermored nozzle, and return overflow cap. **Price, \$3.00.**

"Auto-Spray" No. 1

The "Auto-Spray" is a standard machine, probably more largely used now than any other. It is the favorite with nurserymen, potato growers and market gardeners everywhere, is used by nearly all the State Experiment Stations and by the United States Government, as well as by thousands of representative agriculturists and horticulturists throughout the world. The "Auto-Spray" works automatically for 6 to 15 minutes. May be charged in 15 seconds by a few strokes of the plunger. Has a capacity of 4 gallons. One charge will cover one-half acre of potatoes. **Galvanized, with stop cock, \$4.50; Galvanized, with Auto-Pop, \$5.50; Brass, with Stop Cock, \$6.50; Brass, with Auto-Pop, \$7.50.** Descriptive Auto-Spray circular free.

The Smith No. 26 All Brass Spray Pump—A splendid sprayer; will throw a solid stream 50 feet; has large air chamber, making it one of the best bucket pumps on the market. **Price, \$3.00 each.**

Lawn Nozzles and Sprinklers

Champion Lawn Nozzle—Each, 75c.
 Fountain Wave Sprinkling Nozzle—Each, 75c.
 Rainbow Sprinkler—Each, 50c.
 Elgin Lawn Sprinkler—Each, 50c.



Faultless Hand Sprayer.
Hand Atomizers

These are very useful in the poultry house for applying liquids; also fine for spraying small plants, roses, shrubs, etc. Our line is the most complete in the city.

Faultless Hand Atomizer—Capacity, 1 quart. The best sprayer made. Throws a spray as fine as mist, rendering the use of strong solutions safe on tender foliage plants, or in poultry houses; it forces the fluid into every crevice. **Price, 40c; 3 for \$1.00.**

Red Star Atomizer—A compressed air atomizer; easier to operate and much superior to the ordinary kinds of sprayers. **Price, 1 qt. size, 75c. By express only.**

Lee's or Little Aspluwall Sprayer—These sprayers are needed by every poultryman and farmer. **Price, 50c. By mail, 75c.**

Reed Cyclone Sprayer—Extra quality tin, works smooth at all times. One of the best. **Reed Single Tube, each 50c; Reed Double Tube, each, 75c; Reed Double Tube with Glass Reservoir, each \$1.00.**

Conkey's Tin Hand Sprayer—Each, 50c.

Chemo Tin Hand Sprayer—Each, 50c.

The "Atomist" Sprayer—Throws a continuous spray. **Price, 1 qt. size, each, 75c.**

Champion Greenhouse Syringe—With two roses. **Each, \$4.50.**

Scollay's Rubber Sprayer—Angle neck. **Each, \$1.00.**

Scollay's Rubber Sprayer—Plain top. **Each, \$1.00.**

Garden Hose

Challenge Hose—Pure rubber, 3/4 inch, 50 feet, with couplings. **\$9.00.**

Norka Hose—Red cover, 3/4 inch, 50 feet, with couplings. **\$7.50.**

Mezen Hose—Black cover, 3/4 inch, 50 feet, with couplings. **\$6.50.**

Good quality, 3/4 inch, 50 feet, with couplings. \$5.00.

Spray Pump Hose—1/2 inch, without couplings. **Per foot, 20c.**

Hose Attachments

Hose Reels—All iron frame. **Each, \$3.50.**

Cooper's Hose Menders—Brass. **Each, 10c.**

Perfect Clinch Hose Menders—Brass. **Each, 15c.**

Perfect Clinch Hose Couplings—Each, 25c.

Standard Hose Coupling—Each, 25c.

Sherman Hose Clamps—Each, 5c.

Rubber Washers—3/4 inch. **2 for 5c.**



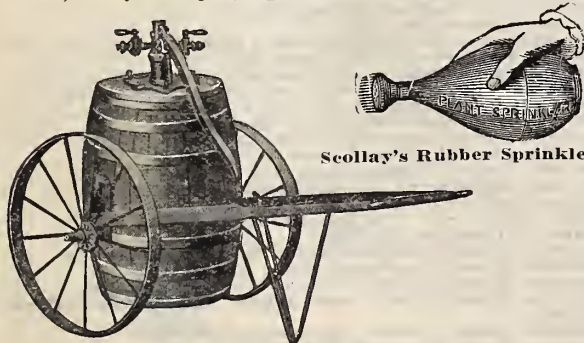
Myers' Improved Orchard Barrel Spray Pump No. 305.

Myers' Improved Orchard Barrel Spray Pump No. 305—

Has bronze ball valves and brass seats, hemp packed plunger. Complete with 5 feet of 1/2-inch 3-ply discharge hose and Bordeaux nozzle. **Price, without barrel, \$10.00; with patent agitator, \$11.00; with one 6-foot extension pipe, \$12.00.**

Myers' O. K. Spray Pump—This is a very heavy, large sprayer for orchards. Has solid brass ram plunger, ground bevel valves and seat, with mechanical agitator and a special clamp for attaching to the barrel. **Price with 15 feet 7-ply 1/2-inch hose and vermored nozzle, without barrel, \$20.00; with two leads of hose, \$22.75.**

Myers' Steel Barrel Cart—This outfit carries one Myers Pump with nozzle and hose, one barrel and one steel cart, ready for spraying. **Price, \$24.00.**



Scollay's Rubber Sprinkler.

Arlington Orchard Spray Pump.

"Arlington" Orchard Spray Pump

A complete sprayer for large orchards and a decided improvement over the common type of submerged barrel sprayer. Several weak points which developed in other rigs have been very much strengthened and our method of mounting renders all parts readily accessible from the top, while the entire pump can be easily removed from barrel for cleaning or repairs.

Outfit DD—Consists of pump with agitator and barrel, 2 brass shut offs, brass hose nipples, mounted on 2 wheeled cart, having iron wheels, 2 1/2-inch tires, with 2 spray hose and nozzle. **\$32.00.**

Dry Powder Sprayers and Dusters

Lowell Dry Powder Sprayer—Each, \$1.00.

Smith Dry Powder Sprayer—Each, \$1.00.

Diekey Bug Death Duster—Each, 25c.

Champion Dry Powder Gun—Each, \$7.00.

Insect Powder Gun—Each, 15c and 25c.

Tin Dusters—1/2 gal., 35c; 1 gal., 50c.

Aeme Powder Bellows—Each, \$1.25.

Spray and Hose Nozzles

Vermored Nozzle—Each, \$1.00.

Bordeaux Nozzle—Each, \$1.00.

Gibbs' Hose Nozzle—Each, 50c.

Universal Hose Nozzle—Each, 50c.

Water or Sprinkling Pots

Reed's, Extra Heavy. 4 quart. **Each, \$.50**

Reed's, Extra Heavy. 6 quart. **Each, .75**

Reed's, Extra Heavy. 8 quart. **Each, .90**

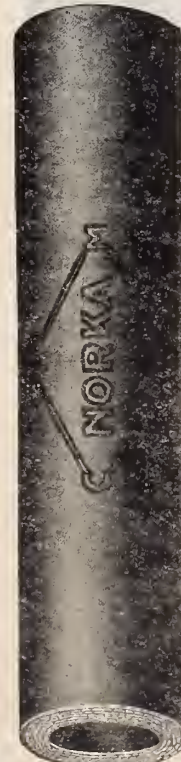
Reed's, Extra Heavy. 10 quart. **Each, 1.00**

Iron Clad. 4 quart. **Each, .35**

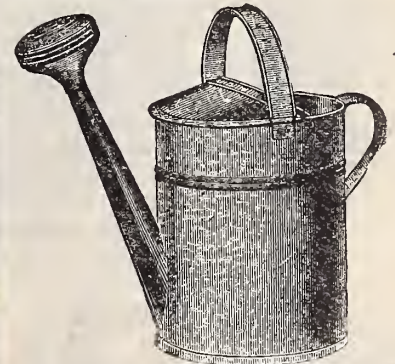
Iron Clad. 6 quart. **Each, .50**

Iron Clad. 8 quart. **Each, .70**

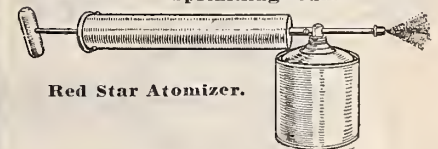
Iron Clad. 12 quart. **Each, .80**



Rubber Hose.



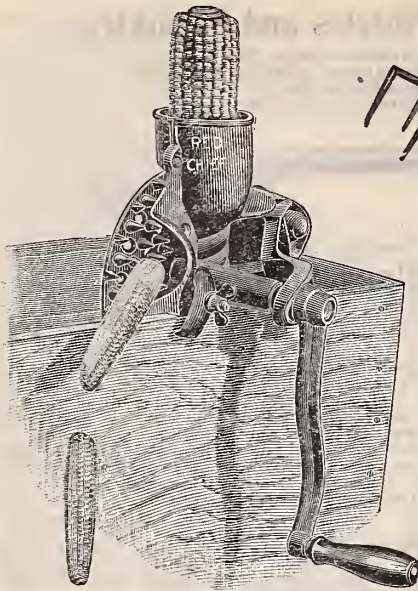
Sprinkling Can.



Red Star Atomizer.



Insect Gun.



Red Chief Corn Sheller.

Corn Shellers

The Red Chief Corn Sheller—This sheller, although low in price, is guaranteed to do as good work as any sheller on the market. Clamps to barrel or box; adjusts itself to any size ear. Price, \$1.75.
 Old Dominion Corn Sheller—Strong, well made; does the work thoroughly and quickly. Shells small or large ears. Price, \$2.00 each.

Strawberry Baskets

American Style. Standard Measure.

Quart baskets, 50c per 100; \$3.50 per 1,000.
 Crates holding 24 qt. baskets, \$2.00 per doz.; \$15.00 per 100.
 The Baskets are made up and shipped nested.
 Crates are shipped in the flat.

Tomato and Peach Baskets

1 gallon size made 50 for 75c, 100 for \$1.25.
 Crates holding 4 baskets, in flat, 12 for \$1.50, 100 for \$8.00.
 One-fourth Bushel Boxes, 100 for \$3.50.
 One-third Bushel Boxes, 100 for \$4.00.
 One-half Bushel Boxes, 100 for \$5.50.
 Special prices made on larger lots.

Grinding Mills

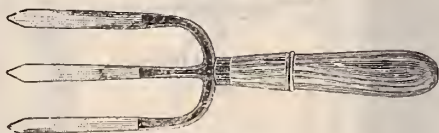
Black Hawk Grinding Mill—Adapted for grinding all kinds of grain and seeds, such as wheat, corn, rye, Kafir corn, sunflower seed, etc., but cannot be used for bones or shells. Price, \$3.00.
 Model Grinding Mill—Fine or coarse; all kinds of grain, dry bones, shells, roots, bark, salt, feed for chickens and animals. Also for corn meal and Graham flour. No. 1½, wt. 20 lbs., \$2.50; No. 2, wt. 35 lbs., \$4.45; No. 3, wt. 63 lbs., \$6.55.
 Red Chief Grinding Mill—Something new, extra strong; grinds to any size all kinds of grain. Price, \$2.50 each.
 Rex Dry Bone, Shell and Corn Mill—This mill will grind dry bones, shells, all kinds of grain, gravel. Price, \$4.00.

Norcross Garden Cultivator

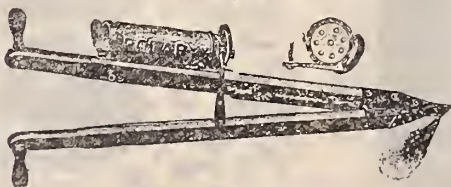
Best cheap tool made. You cannot afford to do without one. A small boy can operate it with ease. It weighs three pounds. Price, only 75c.

Measures

Wooden—Iron bound, 1 qt. Each, 15c.
 Wooden—Iron bound, 2 qts. Each, 20c.
 Wooden—Iron bound, 4 qts. Each, 25c.
 Wooden—Iron bound, 1 pk. Each, 25c.
 Wooden—Iron bound, ½ bu. Each, 30c.



Weeding Fork.

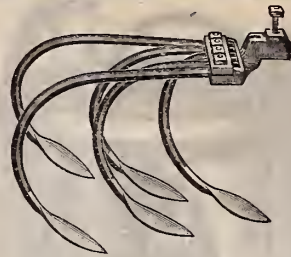


Hand Corn Planter.



Excelsior Hand Weeder.

Garden Tools



Norcross Cultivator.

Lawn Mowers

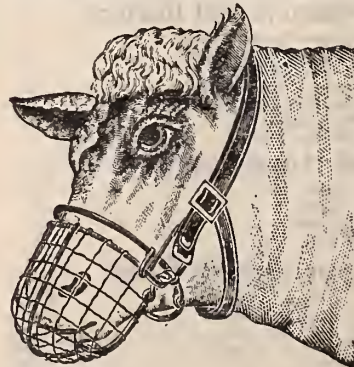
Lawn Mowers, Norka. 12-inch. Each, \$3.50.
 Lawn Mowers, Norka. 14-inch. Each, \$3.75.
 Lawn Mowers, Norka. 16-inch. Each, \$4.00.
 Lawn Mowers, W. & B. Ball Bearing. 14-inch. Each, \$4.50.
 Lawn Mowers, W. & B. Ball Bearing. 16-inch. Each, \$5.00.
 Lawn Mowers, Diamond. 5-knife, 15-in. Each, \$9.00.
 Lawn Mowers, Diamond. 5-knife, 17-in. Each, \$10.00.
 Lawn Grass Catchers. Two sizes, \$1.00 and \$1.25.

Miscellaneous Tools

Aeme Asparagus Buncher—Each, \$2.50.
 Asparagus Knives, Goodell—Each, 75c.
 Asparagus Knives, English Saw Blade—Each, \$1.25.
 Calf Weaners—Rice's. Each, 60c.
 Calf Weaners—Prong. Each, 50c.
 Calf Weaners—Wire muzzle. Each, 60c.
 Corn Planters, Eagle—Two hand. Each, \$1.25.
 Corn Planters, Segem—One hand. Each, \$1.50.
 Dibber for Transplanting—Each, 50c.
 Garden Drills, Eureka—Each, \$1.00.
 Garden Drills, Columbia—Each, \$10.00.
 Garden Reels—Galvanized. Each, \$1.25.
 Grafting Wax—½ cakes, 25c; ¼ lb., 15c.
 Grass Trimming Shears—Each, 50c.
 Grass and Turf Edger, Crescent—75c.
 Hedge Shears—\$1.75.
 Hotbed Plant Cloth—Per yard, 15c.
 Hotbed Sash—Each, \$2.25.
 Moss Spagnum, for packing—Bale, \$2.50.
 Popcorn Poppers—Large. Each, 25c.
 Thermometers, Hotbed—Each, \$3.00.
 Thermometers, Standard—35c and 50c.
 Tree Protectors, Veneer—Per 100, \$1.50.
 Trowels, Best American Steel—Each, 25c.
 Trowels, Cleve's Angular—Each, 35c.
 Trowels, English Forged Steel—Each, 50c.
 Trowels, Ladies' Floral—Each, 25c.
 Trowels, Strawberry Weeding Fork—Each, 25c.
 Twine, Binder—5-lb. balls. Each, 55c.
 Twine, Jute—2-ply. 10 lbs., \$1.15.
 Twine, Raffia—Per lb., 20c.
 Weeders, Hand, Cleveland Lawn Weeder—Each, 75c.
 Weeders, Hand, Excelsior—Each, 25c.
 Weeders, Hand, Eureka—Splendid tool. Each, 50c.
 Weeders, Hand, Fitch Lawn Edger and Weeder—Each, \$1.00.
 Weeders, Hand, Lang's Improved—Each, 25c.
 Weeders, Hand, Norcross Midget—Each, 35c.
 Weeders, Hand, Norcross Long Handle—Each, 75c.
 Weeding Forks—Each, 50c.

Scythes, Corn and Hay Knives

Scythes—With handles. Complete, best quality. Blade 2 feet long. Each, \$1.50.
 Grass Hooks—Best quality steel. blade 16 inches. Each, 35c, 50c, 75c.
 Corn Knives—Best quality. Each, 45c.
 Hay Knives—"Pine Knot." Finest quality. Each, \$1.25.
 Scythe Blades—Best grade. Each, \$1.00.
 Scythe Stones—Flat or oval. Each, 10c, 15c and 25c.
 Scythe Snath—Patent loop. Each, 85c.



Wire Muzzle Calf Weaner.



Garden Reel.

Garden Tools

Prices quoted are all f. o. b. Memphis.



Garden Hoe.

- Hoes, Draw—Cast steel. 5-in., 35c; 7-in., 50c.
- Hoes, Draw—Planter's. Very useful, sharp cutting. 6-in. 40c; 7-in., 50c; 8-in., 60c.
- Hoes, Draw—Warren or "Bayonet" hoes. 75c.
- Hoes, Onion—2-point, steel blade. Each, 35c.
- Hoe and Rake Combined—According to size. 45c to 55c.
- Hoes, Cotton—7-in., 50c; 8-in., 60c each.
- Hoes, Mattock—Handled. Each, 75c.
- Hoes, Crescent—Double bit. Each, 75c.



Manure Fork.

- Manure Fork—3 tine, long handle. 70c.
- Manure Fork—5 tine, long handle. \$1.00.

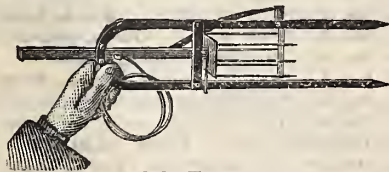


Spading Fork.

- Spading Fork—4 prong. Each, \$1.00.
- Spading Fork—5 prong. Each, \$1.25.
- Hay Fork—3 prong. Each, 60c.
- Potato Hook—4 prong. 75c.
- Potato Hook—5 prong. \$1.00.

Pruners

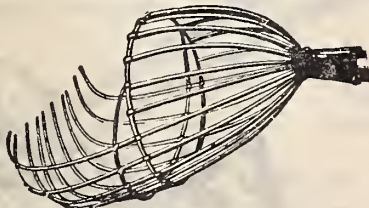
- Waters' Tree Pruners—One of the best made. Cuts limbs up to three-fourths of an inch in diameter. With 6-foot handle, \$1.50; with 8-foot handle, \$1.75; with 10-foot handle, \$2.00.
- Pruning Saw—Double edge. Each, \$2.00.
- Hand Pruning Shears—Each, 75c.



Mole Trap.

Mole Traps

- The Reddick, Improved—Each, \$1.25.
- Little Giant—Very strong. Each, \$1.00.
- Lightning Mole Trap—Each, \$1.25.



Wire Fruit Picker.

- Fruit Pickers—Wire. Each, 75c.



Garden Rake.

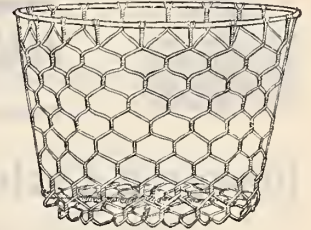
- Garden Rakes—Steel; 8 teeth. Each, 35c.
- Garden Rakes—Steel; 12 teeth. Each, 50c.
- Garden Rakes—Steel; 14 teeth. Each, 60c.
- Garden Rakes—Steel; 16 teeth. Each, 75c.



- Spades—Boys' or ladies' small. 60c.
- Spades—Best makes, full size, D-handled. \$1.00 to \$1.75.
- Shovels—D-handle, square point. Each, \$1.00.
- Garden Sets—3 pieces, Rake, Shovel, Hoe. Per set, \$1.00.



Wire Horse Muzzle.



Galvanized Wire Bushel Basket.

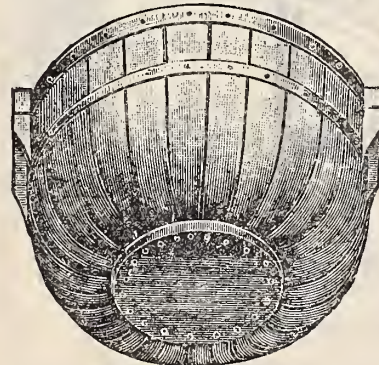
- Wire Horse Muzzles—Each, 20c; 12 for \$2.00.
- Baskets—Galvanized wire. 1 bu. Each, \$1.25.
- Baskets—Galvanized wire. 3 bu. Each, \$2.00.

Masters' Rapid Plant Setter

The only hand mechanical plant setter on the market; is built on scientific principles throughout. Any man with very little practice can easily set out 7,000 to 10,000 plants each day. Will save its cost a dozen times over in a season. Is light and pleasant to work with. Weight when empty, 4½ lbs. Price, \$3.75.

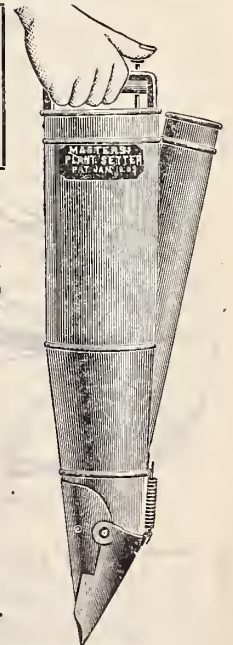
CHARCOAL

A valuable tonic for Poultry and Hogs. Keeps the digestive organs in condition. 50 lbs., \$1.45; 100 lbs., \$2.75



One Bushel Stave Basket.

- Standard—1 bu., stave. Doz., \$1.50.
- Standard—½ bu., stave. Doz., \$1.40.
- Market—½ bu. Doz., 40c.
- Market—1 peck. Doz., 40c.
- Market—½ peck. Doz., 40c.



Master's Rapid Plant Setter.

FREE BOOKS.

With every order for Poultry Supplies, such as Lice Powder, Lice Liquids, Poultry Remedies, Leg Bands, Thermometers, Hoppers, Fountains, Charcoal, Grits, Oyster Shell, Beef Scraps, Chick Feed, Egg Boxes, and sundry articles in this department amounting to \$6.00 or over at Catalogue prices, we will send you FREE any one of the following books:

- Pocket Money Poultry—By M. N. Norys.
- How to Grow Chicks—By T. F. McGrew.
- Diseases of Poultry—By D. E. Salmon.
- The Egg Question Solved—By R. F. McGrew.
- The American Fanciers' Poultry Book—By Geo. E. Howard.
- The Up-to-Date Poultry House Plan, Etc.—By Geo. E. Howard.

This special offer does not apply to any Incubators or Brooders, nor does it apply when any other free goods are sent with order from this department.

Seed Sowers



Thompson's Wheelbarrow Seeder.

Improved Cyclone Seed Sower

A new invention. Saves labor. Saves seed. Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly, works perfectly; has an agitating feed plate, which insures a uniform flow of seed. So simple a boy can operate it. The Cyclone is a model of strength and durability, and one of the most convenient machines to use on the market. Price, \$1.50 each.

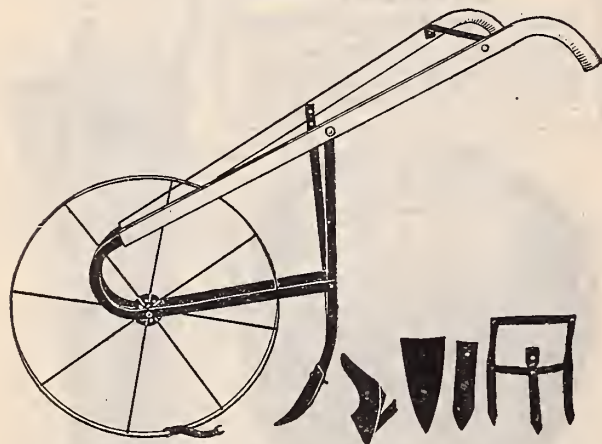
Cahoon's Patent Hand Seed Sower—For sowing wheat, oats, millet, barley, rye, grass seeds, etc. The best machine of the kind in the market. Each, \$3.25.

Columbia Seeder—Each, \$1.50.

Little Wonder Seed Sower—Each, \$1.25.

Perfect Seed Sower—Each, \$1.00.

HAND GARDEN PLOWS.



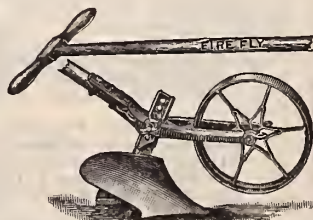
Superior No. 2 Garden Plow.

Superior Garden Plow—The most inexperienced and ignorant laborer on earth can handle this tool with entire success. 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. Price, \$2.25 each.

HEADQUARTERS FOR BEE SUPPLIES

We handle a full line of the Lewis Bee Ware—Sections, supers, frames, hives, etc., in fact, can supply everything that a beekeeper needs.

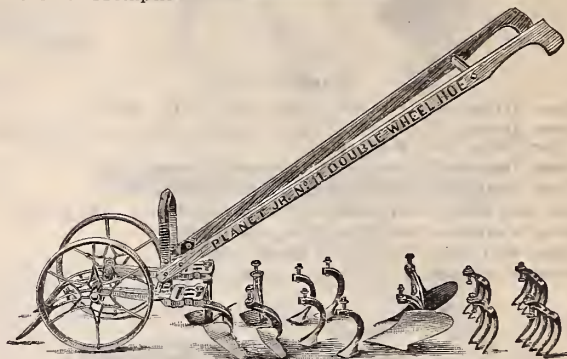
Sent for circular and price list.



Planet Jr. Firefly Garden Plow.

Planet Jr. Implements

The best tools on the market. Write for fully illustrated and descriptive catalogue. Quotations below are all f. o. b. Memphis.



Planet Jr. No. 11 Double Wheel Hoe.

Garden Drill and Hill Seeders

Planet Jr. No. 1—Drill and wheel hoe. Each, \$9.50.

Planet Jr. No. 2—The best drill. Each, \$7.50.

Planet Jr. No. 3—Hill seeder. Each, \$10.50.

Planet Jr. No. 4—Hill and drill seeder. Each, \$11.00.

Planet Jr. No. 5—Large size seeder. Each, \$13.00.

Planet Jr. No. 6—Hill seeder, new. Each, \$13.50.

Garden Wheel Hoes

Planet Jr. No. 11—Double wheel hoe. Each, \$9.00.

Planet Jr. No. 12—Double wheel hoe. Each, \$7.00.

Planet Jr. No. 13—Double wheel hoe. Each, \$4.75.

Planet Jr. No. 14—Disc hoe. Each, \$8.00.

Planet Jr. No. 16—Single wheel hoe. Each, \$5.85.

Planet Jr. No. 17—Single wheel hoe. Each, \$5.00.

Planet Jr. Farmer's Friend—Single wheel hoe. Each, \$3.75.

Planet Jr. Firefly Hand Plow—Each, \$2.35.

Horse Hoes and Cultivators

Planet Jr. No. 4—Without wheel. Each, \$6.00.

Planet Jr. No. 7—With wheel. Each, \$8.50.

Planet Jr. No. 8—Complete. Each, \$9.00.

Planet Jr. No. 9—Without wheel. Each, \$7.00.

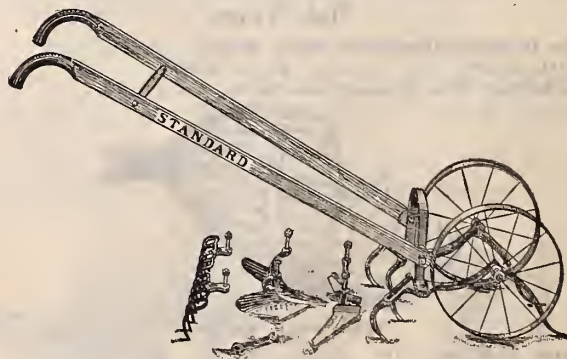
Planet Jr. No. 9—Plain Cultivator, without wheel. \$5.75.

Planet Jr. No. 4—Plain Cultivator, without wheel. \$4.50.

Planet Jr. Harrow—Plain. Each, \$6.20.

Planet Jr. Harrow—With wheel. Each, \$7.40.

Planet Jr. Harrow—With wheel and pulverizer. \$9.00.



Standard No. 4 Double Wheel Hoe.

Standard Garden Tools

This is a new line of garden tools. Send for descriptive circulars of Standard Tools.

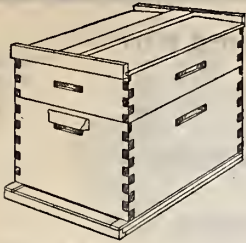
No. 4 Standard Double Wheel Hoe—Price, \$7.00.

No. 12 Standard Single Wheel Hoe—Price, \$11.00.

No. 14 Standard Drill—Price, \$8.50.

No. 22 Standard Single Wheel Hoe—Price, \$5.90.

No. 21 Standard Garden Cultivator—Price, \$3.50.



1 1/2 Story Hive.

Bee Supplies and Hives

We carry a full line of the celebrated Lewis Bee Ware, manufactured by the G. B. Lewis Company, Watertown, Wisconsin, and furnish everything at factory prices, saving you freight and time. The following prices are f. o. b. Memphis.

We have endeavored to list all of the principal articles necessary for use in the apiary, but if you desire something which is not listed, please write us and we can furnish it at as low a price as any one.



One Story Hives

Not Including Foundation Starters.

	In Flat including Nails.		
	1	5	10
	Hive	Hives	Hives
1 Story, 8 Frame.....	\$ 1.50	\$ 7.00	\$13.50
1 Story, 10 Frame.....	1.60	7.50	14.50

One Story Hives

Including Foundation Starters.

	In Flat including Nails.		
	1	5	10
	Hive	Hives	Hives
1 Story, 8 Frame.....	\$ 1.60	\$ 7.25	\$14.00
1 Story, 10 Frame.....	1.70	7.75	15.00

One and One-half and Two-story Hives

FOR COMB HONEY.

Not Including Section Boxes or Foundation Starters.

	In Flat including Nails.		
	1	5	10
	Hive	Hives	Hives
1 1/2 Story, 8 Frame.....	\$ 2.05	\$ 9.50	\$18.50
1 1/2 Story, 10 Frame.....	2.20	10.25	20.00
2 Story, 8 Frame.....	2.60	12.00	23.50
2 Story, 10 Frame.....	2.80	13.00	25.50

NOTE—Hives for Comb Honey are always sent unless otherwise specified.

One and One-half and Two-story Hives

FOR COMB HONEY.

Including Section Boxes and Foundation Starters.

	In Flat including Nails.		
	1	5	10
	Hive	Hives	Hives
1 1/2 Story, 8 Frame.....	\$ 2.35	\$10.75	\$21.00
1 1/2 Story, 10 Frame.....	2.50	11.50	22.50
2 Story, 8 Frame.....	3.10	14.25	28.00
2 Story, 10 Frame.....	3.30	15.25	30.00

Hive Stand

	In Flat including Nails.		
	1	5	10
	Stands	Stands	Stands
8 Frame.....	\$.17	\$.75	\$ 1.50
10 Frame.....	.17	.75	1.50

Price List Dovetailed Comb Honey Supers

The following prices are for No. 1 or Beeway Supers, No. 2 or Plain Supers, and No. 4 or Four by Five Supers.

Not Including Section Boxes or Foundation Starters.

	In Flat including Nails.		
	1	5	10
	Super	Supers	Supers
8 Frame.....	\$.55	\$ 2.50	\$ 5.00
10 Frame.....	.60	2.75	5.50

Extracting Supers, same price as above.

Price List of Supers Same as Above

Including Section Boxes and Foundation Starters.

	In Flat including Nails.		
	1	5	10
	Super	Supers	Supers
8 Frame.....	\$.75	\$ 3.50	\$ 7.00
10 Frame.....	.80	3.75	7.50

Price List of Empty Supers

	In Flat including Nails.		
	1	5	10
	Super	Supers	Supers
8 Frame.....	\$.27	\$ 1.25	\$ 2.50
10 Frame.....	.28	1.35	2.70

REMEMBER—If you need anything not listed here, kindly write us. We shall be glad to get it for you.

Price List of Covers

Higginsville and Excelsior, Colorado Covers, 20c each, extra.

	In Flat including Nails.		
	1	5	10
	Cover	Covers	Covers
8 Frame.....	\$.35	\$ 1.65	\$ 3.20
10 Frame.....	.38	1.80	3.50

Bottoms for Dovetailed Hives

THE REVERSIBLE BOTTOM.

	In Flat including Nails.		
	1	5	10
	Bottom	Bottoms	Bottoms
8 Frame.....	\$.25	\$ 1.15	\$ 2.25
10 Frame.....	.27	1.25	2.40

Price List of Dovetailed Bodies

When Extra Bodies are wanted, the prices are as follows, including Brood Frames and Division Board and Metal Rabbets:

	In Flat including Nails.		
	1	5	10
	Body	Bodies	Bodies
8 Frame.....	\$.90	\$ 4.25	\$ 8.30
10 Frame.....	.95	4.50	8.80

SPRAY PUMPS

Every farmer having an orchard or keeping poultry should have some kind of spray to use about his fruit or poultry house. There is no better way of using the lice paint, disinfectants and whitewash than with a spray pump. Fruit trees need spraying. You cannot raise good fruit without spraying properly.



The Union Poultry Journal

Thoroughly Established and Up-to-Date. Published Monthly.

Standing for a greater Poultry Industry in the South.

Official Organ and text-book for the Arkansas and Oklahoma Schools Poultry Clubs.

Official Organ of the Arkansas and Oklahoma branches of the American Poultry Association.

If you want the best information obtainable concerning Poultry raising in the South;

If you want to know what the successful breeders and fanciers are doing, how and why they are succeeding;

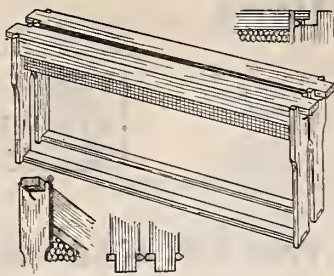
If you want to know how and where to market your Poultry products to the best possible advantage that you may get all that is coming to you;

If you would keep in touch with general conditions affecting the Poultry industry all over the country—then

Subscribe for the UNION POULTRY JOURNAL—a journal that is wide awake to your interests every day in the year. We give you practical experience of people who live right here among us—Southern methods for Southern Poultrymen.

Price, 50c per Year, Postage Paid.

FREE—We will send you the UNION POULTRY JOURNAL free for one year with every cash order for Poultry Supplies, excepting Incubators, Brooders and Bone Mills, that amounts to \$5.00 or over at Catalogue prices. This offer does not apply when any other free goods are sent on Poultry Supply orders.



Hoffman Frame.

Brood Frames

Self-Spacing Hoffman Frame.

Prices in Flat, including Nails, 10 Frames, 35c; 100 Frames, \$3.00.

Shallow Extracting Frames

Prices in Flat, including Nails, 10 Frames, 25c; 100 Frames, \$2.30.

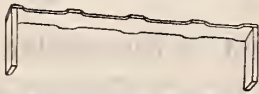
Metal Spacers

Pat. March 5, 1907.

Price per 100, 35c; per 1,000, \$3.00.

Plain Division Boards

In Flat, 8c each; 5 for 35c; 10 for 70c.



Section Holders

Price—Slotted Section Holders, 100, \$2.20; Plain Section Holders, 100, \$1.50.

Lewis One-Piece Bright Polished Sections

The following are carried in stock:

- 4 1/4 x 1 7/8 — 2 Beeway.
- 4 1/4 x 1 1/2 — Plain.
- 4 x 5 x 1 3/8 — Plain.
- 3 5/8 x 5 x 1 1/2 — Plain.

We handle only the No. 1 grade.

Price List of Sections

Regular size: 4 1/4 x 4 1/4 by 1 1/2 to 2-in. wide.

	No. 1
100	\$.80
250	1.60
500	2.75
1000	5.50
2000	10.50
3000	15.00
4000	20.00
5000	23.75
10000	45.00

Plain Sections, no beeways, 25c per 1000 less than above prices.

Super Springs

Price of extra Springs, 1c each; 75c per 100; \$6.00 per 1,000.

Section Slats

Slotted Section Slats, 3/8 thick	100	\$1.25
Slotted Section Slats, 1/4 thick	100	1.10

Frame Spacing Staples

Per lb., 15c; 5 lbs. for 65c.

Wood Separators

Price—Slotted Sawed Wood Separators, 100, \$1.00; Plain Sawed Wood Separators, 100, 70c. Used in No. 1 Super.

Fence Separators

Prices, any style, 100, \$1.90.
No. 2 or P Fence—Used in No. 2 or plain super, with plain section holders and plain 4 1/4 x 4 1/4 x 1 1/2 sections.
S Fence—Used with plain 4 1/4 x 4 1/4 sections in slotted section holders.

Price List of Comb Foundation

Name of Grade.	In Lots of			
	1 Lb.	5 Lbs.	10 Lbs.	25 Lbs.
Medium Brood	\$.60	\$.58	\$.56	\$.54
Light Brood	.62	.60	.58	.56
Thin Surplus	.66	.65	.63	.62
Extra Thin Surplus	.70	.68	.66	.64

Foundation by mail, 25c per lb. additional for postage.

Size and Sheets Per Pound

Medium Brood	16 1/2 x 7 3/4	7 to 8
Light Brood	16 1/2 x 7 3/4	9 to 10
Thin Surplus	16 1/2 x 3 3/4	28
Extra Thin Surplus	16 1/2 x 3 3/4	32

Price List of Tinned Wire

	Price each.	Post.
1/4 lb. spools	\$.10	\$.06
1/2 lb. spools	.18	.10
1 lb. spools	.30	.18
5 lb. coils	1.10	

Handy Section Press

Price, each, 50c. By mail, 65c.

Hive Scrapers

Price each, 15c. By mail, 20c.

Parker Foundation Fastener

Price each, 25c. By mail, 40c.



Fine Cement Coated Wire Finish Nails in Bulk

Style.	Length.	Price per 100		
		1 Lb.	5 Lbs.	10 Lbs.
4d	1 1/2 inch	\$.07	\$.30	\$.60
6d	2 inch	.07	.28	.55
8d	2 1/2 inch	.07	.28	.55

Keg. \$4.65, \$4.45, \$4.35

Price List Metal Parts for Hives

	Price per 100
T tins 14 in. long or under	\$1.00
T tins over 14 and to 16 in.	1.20
Flat tins 14 in. long or under	.40
Tin rabbets same price as T tins.	

Queen Excluding Honey Boards Wood Bound Zinc Board

Prices as follows:

For 8 Frame Hive	1, 25c; 10, \$2.10
For 10 Frame Hive	1, 28c; 10, 2.40

Unbound Zinc Board

Prices as follows:

8 Frame, 12x19 1/2	1, 18c; 10, \$1.30
10 Frame, 14x19 1/2	1, 21c; 10, 1.50

Wood and Wire Boards

Patented October 8, 1907.

Prices as follows:

8 Frame, 13 1/2 x 20	1, 40c; 10, \$3.00
10 Frame, 16 x 20	1, 45c; 10, 3.50

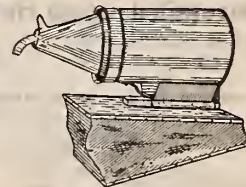


Porter Bee Escape

20c each; \$2.25 per dozen, postpaid.

Bee Escapes with Board

Price, 35c; or 10 for \$3.00.



Bee Smokers

BINGHAM SMOKERS.

Name.	Size of Barrel.	Post- age.	Each.	3
Smoke Engine	4 in.	\$.25	\$1.25	\$3.45
Doctor	3 1/2 in.	.25	.85	2.40
Conqueror	3 in.	.25	.75	1.95
Large	2 1/2 in.	.20	.70	1.65
Little Wonder	2 in.	.15	.50	1.35

Clark Smoker

Each, 55c; 3 for \$1.50. Postage, 20c each extra.

The Corneil Smoker

Jumbo Corneil	\$1.25 each; 3, \$3.45
Standard Corneil	.85 each; 3, 2.25
Junior Corneil	.65 each; 3, 1.80
Jumbo and Standard in Brass or Copper, instead of tin, 50c extra.	
By mail, postage extra: Jumbo, 30c; Standard, 25c; Junior, 20c.	



BEE VEILS.

- Mosquito Bar, each.....\$.30
- All Cotton, each..... .50
- Cotton with Silk Face, each..... .60
- All Silk, each..... .90

GLOBE BEE VEIL.

Sent by mail for \$1.00. Extra nets, 60c each.

BEE GLOVES.

- Canvas, large, medium or small. Per pair, 50c. By mail, 60c.
- Rubber Gloves, Nos. 10, 11, 12. Per pair, \$1.45. By mail, 5c extra.

DOOLITTLE DIVISION BOARD FEEDER.

Price, flat, 20c each; 10 for \$1.80.

MILLER FEEDER.

Price, 35c each; 10 for \$3.00.

LEWIS FOUNDATION FASTENER.

Price, each, \$1.00.

Without doubt the simplest and best device for the purpose ever offered to the bee keeper.

DAISY FOUNDATION FASTENER.

- Price, with lamp.....\$1.00
- Price, without lamp..... .70
- Weight, without lamp, 5 pounds.



Lewis Foundation Fastener.



SPUR WIRE IMBEDDER.
Price, 20c. By mail, 23c.

VAN DEUSEN WAX TUBE FASTENER.
Price, each, 15c. By mail, 18c.

PORTER ESCAPES FOR HONEY HOUSES.
Price, 25c each; \$2.75 per dozen, postpaid.

COMB BUCKET.
Price, \$1.25 each.

WEST'S QUEEN CELL PROTECTOR.
Prices, each, 5c; 10, 40c; 100, \$3.50. Postage, 1c.
Spiral Cages, 10c; 10, 70c; 100, \$6.00. Postage, 1c.

BEE ENTRANCE GUARD.
Perforated Zinc Style.
Each, 13c; 10, \$1.00. By mail, 5c each extra.

ALLEY'S QUEEN AND DRONE TRAPS.
Perforated Zinc Style.
Each, 45c; 10, \$4.00. By mail, 15c each extra.
Woven Wire Style.
Each, 50c; 10, \$4.50. By mail, 16c each extra.

HIVE HOOKS.
With screws, per pair, 4c; 10 pairs, 25c. No screws, 10 pairs, 20c. By mail, 2c per pair extra.

SOAP THAT WILL REMOVE PROPOLIS.
LAVA SOAP.
Price, 5c per cake. By mail, 6c extra.



THE GERMAN BEE BRUSH.
Price, each, 25c. By mail, 30c.

THE DIXIE BEE BRUSH.
Price, 15c. By mail, 20c.

HONEY KNIVES.

BINGHAM'S UNCAPPING KNIFE.

Standard length, each, 70c. By mail, 80c. Extra long, each, 80c. By mail, 90c.

MANUM'S SWARM CATCHER.

Each with pole, \$1.10; without pole, 80c.

BEE BOOKS AND BEE JOURNALS.

The A B C and X Y Z of Bee Culture—Price, \$1.25; postage, 25c. The latest edition. This book has just been thoroughly revised. More matter has been added, so that it is now a veritable cyclopedia of bee keeping, containing nearly 600 pages.

Books for Poultry Raising

Mailed on receipt of price.

- American Standard of Perfection. Price.....\$1.50
- Eggs and Egg Farms..... .50
- Chick Book..... .50
- Facts About White Diarrhea..... .50
- Japanese Gold Fish..... .75
- Making Poultry Pay—Powell..... 1.00
- Kellerstrauss on Poultry..... 1.00
- Poultry Appliances—Fisk..... .50
- Philo System on Poultry..... 1.00
- Poultry Architecture..... .50
- Reliable Poultry Manual and Doctor..... .50
- Success with Poultry..... .50
- Two Hundred Eggs a Year..... .50
- Winter Eggs..... .25

These books are both helpful and useful to the amateur. Profit by the experience of others.

Leland, Ark., July 17th, 1911.

Otto Schwill & Co., Memphis, Tenn.:

Gentlemen—I hand you check for \$12.65 to pay my account in full. The Alfalfa Seed you sent me last winter was excellent seed; no sign of dodder, and we got a fine stand. Want to buy about 20 bushels for October sowing, and would thank you to mail me your price lists from time to time as issued.
Yours truly,

J. F. HYATT.

Guntown, Miss., July 7th, 1911.

Otto Schwill & Co., Memphis, Tenn.:

Dear Sirs—Kindly send me your Summer and Fall Catalogue of Garden Seeds. I planted your Seed in the spring, and was certainly pleased with results. The Lookout Mountain Potatoes I bought from you two months ago are strictly good. Kindly send Catalogue of Flower Seed also.
Respectfully,

P. E. BRUTON.

McCrory, Ark., March 12th, 1911.

Otto Schwill & Co., Memphis, Tenn.:

Gentlemen—I hereby acknowledge receipt of the last bill you shipped me; everything O. K. I have 10 acres bordering the corporation of McCrory, which I bought one year ago, and I am converting it into a truck farm. I intend to ship stuff to both Memphis and Little Rock.

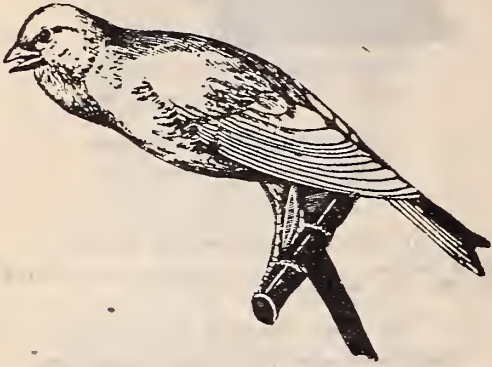
All Seeds and Plants bought of you last year gave perfect satisfaction.
Yours truly,

J. W. NEELY.

RED COMB POULTRY FEEDS.

Red Comb Poultry Feeds are rapidly becoming recognized by successful poultry raisers as the standard for egg and flesh production. They are composed of choice grains and seeds, carefully selected as regards purity, cleanliness, sweetness and freshness, and are mixed with such care that each mixture is a scientifically balanced ration for the purpose for which it is intended. They stand pre-eminent in the realm of Poultry Foods today. 100 lb. sacks, \$2.25.

Canary Birds



Hartz Mountain Canary Birds

This is the most popular of all birds, as well as the most satisfactory songster. Each bird is tested and known to be in full song before leaving the store, and we guarantee every one. Price, \$3.00 to \$3.50 each. Females, \$1.00 to \$1.25 each.

St. Andreasburg Canaries

The sweetest singers on earth. Fully trained; every bird thoroughly tested before sent out. Price, \$5.00 each.

Gold Fish Bowls



Glass Bowls—Made of clear glass, in following sizes:
1 Pint\$0.15 each
1 Quart25 each
2 Quarts35 each
4 Quarts60 each
6 Quarts75 each
2 Gallons 1.00 each
3 gallons 1.50 each

Aquariums

Ideal Slate Bottom Aquariums, 3 1/2 gallons..... \$3.50
Ideal Slate Bottom Aquariums, 6 gallons..... 4.50
Ideal Slate Bottom Aquariums, 9 gallons..... 5.50

Fish Food, Etc.

Aquarium Nets, each..... \$.35
Aquarium Plants, per bundle..... .15
Natural Fish Food, pkg..... .10
Fish Buckets or Pails, 1 pint, each..... .05
Fish Buckets or Pails, 1 quart, each..... .10
Pebbles, per quart..... .35
Spratt's Fish Food..... .10
Spratt's Aquarium Food..... .25
Sea Shells, per quart..... .35

Cages



Brass Canary Bird Cages

No. 5000 Brass Cage, 8 1/4 x 5 1/2 inches. Each..... \$1.10
No. 5000DB Brass Cage, 8 1/4 x 5 1/2 inches. Each..... 1.40
No. 5004 Brass Cage, 9 3/4 x 6 1/2 inches. Each..... 1.35
No. 5004DB Brass Cage, 9 3/4 x 6 1/2 inches. Each..... 1.70
No. 5008 Brass Cage, 10 3/4 x 7 3/4 inches. Each..... 1.90
No. 5008DB Brass Cage, 10 3/4 x 7 3/4 inches. Each..... 2.30
All Cages marked DB have removable bottoms for cleaning Cage.

Globe Shaped Brass Canary Cage

No. 5010 Brass Cage. Each.....\$5.00

Japanned Canary Bird Cages

No. 71 1/2 Japanned Cage, 7 1/2 x 7 1/2 inches. Each.. \$.50
No. 71 1/2 DB Japanned Cage, 7 1/2 x 7 1/2 inches. Each.. 1.05
No. 71S Japanned Cage, 8 3/4 x 8 3/4 inches. Each.. 1.10
No. 71SDB Japanned Cage, 8 3/4 x 8 3/4 inches. Each.. 1.30
No. 71L Japanned Cage, 9 1/4 x 9 1/4 inches. Each.. 1.20
No. 71LDB Japanned Cage, 9 1/4 x 9 1/4 inches. Each.. 1.40
All Cages marked DB have removable bottoms for cleaning Cage.

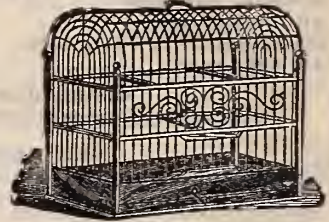
Metal Breeding Cages

No. 86 20x10x14 inches. Each.....\$2.40
No. 87 22x11x15 inches. Each..... 2.60
No. 88 24x12x16 inches. Each..... 3.20

Brass Parrot Cages

No. 39B Brass Cage. Each.....\$5.50
No. 39M Brass Cage. Each..... 6.50

Mocking Bird Cages



All Metal

Mocking Bird Cage.

No. 83. 20x12x18 inches. Each..... \$2.65
No. 84. 22x13x20 inches. Each..... 3.15
No. 85. 24x14x22 inches. Each..... 3.50

Miscellaneous Bird Supplies

Bird Manna, keeps birds in song..... \$.15
Bird Nesting, each10
Bird Cage Seed Cups, each..... .10
Bird Cage Bath Cups, each..... .10
Bird Gravel 10c and .15
Bird Gravel, paper, per doz..... .15
Bird Cage Brackets, japanned..... .15
Bird Cage Brackets, bronzed..... .15
Bird Cage Springs, brass..... .10
Bird Tonic, Graves'25
Bird Tablets, Sterlingworth25
Sterlingworth Song Restorer..... .15
Mocking Bird Food, Defiance, can..... .25
Spratt's Parrot Food..... .10
Ladder, Chains and Springs..... .25
These prices does not include postage.

Outside Bird Bath House

Fits outside cage and does not permit bird to wet cage when bathing.....\$.35

Bird Cage Stands

All iron. A very useful stand for hanging your bird. Price, each, \$3.00.

Bird Seed

If required by mail, 10c per lb. must be added to prepay postage.
Per lb. 3 lb.
Mixed Bird Seed..... \$.10 \$.25
Rape10 .25
Canary10 .25
Hemp10 .25
Millet Seed10 .25
Cuttle Fish Bone..... .35
Sunflower Seed10 .25

Aquarium Castles

Single Ruin, No. 1, 50c each. Double Ruin, No. 1, 60c each
Single Ruin, No. 2, 60c each. Double Ruin, No. 2, 75c each
Single Ruin, No. 3, 75c each. Double Ruin, No. 3, 90c each

Triple Ruin, \$1.00 each.

We have these in assortment of ancient Rock Grottoes, Castles and Towers.

Gold Fish

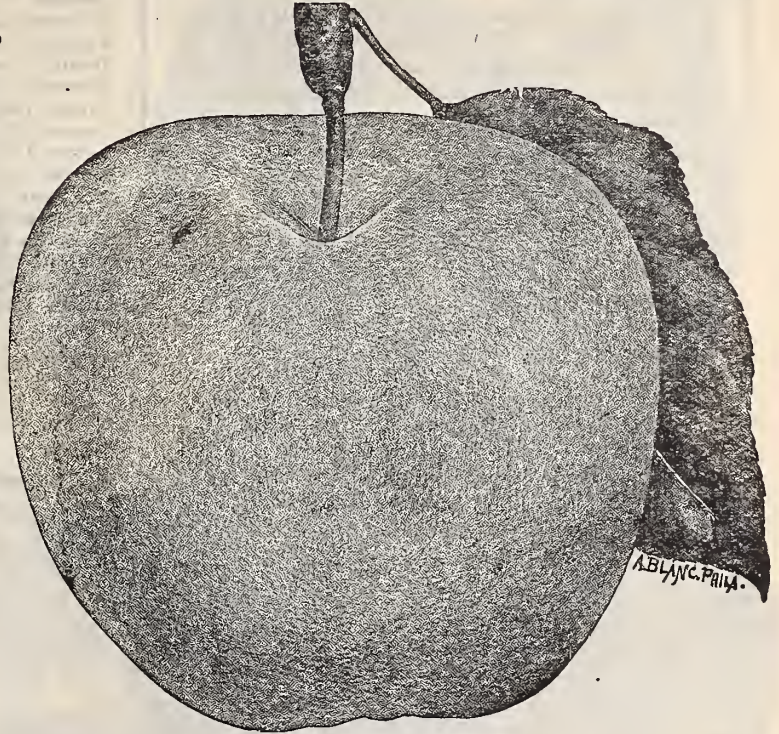


We carry a large stock of these beautiful Fish and the glass bowls suitable for keeping them in, also the Prepared Fish Food, the best thing to feed them, as it does not spoil or get sour in the water.
Ordinary Gold Fish—The well-known bright scarlet and gold color, 25c to 35c each.
Fantail Gold Fish—This is a beautiful variety with large fins and a great V-shaped tail of a semi-transparent lace-like appearance as they float through the water. 50c to \$2.50 each.

Fruit Trees, Strawberry Plants, Etc.



Keiffer Pear.



Apple, Red June.

We give especial attention to this department. Growing all of the trees and plants on our own place, we know they are right in every particular. They are just as good as you can buy them anywhere, and in most cases decidedly better than the little twigs the tree agent usually leaves at your door and presents you with your bill, which is invariably about double what it should be. Our trees, as well as our prices, will prove what we claim, and we ask a trial order. Our trees are freshly dug; they are sure to grow and true to name. Patronize your home nursery and get just what you order.

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.

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.

On orders amounting to \$5.00 or over, at catalogue prices only, the purchaser may select free trees or plants to value of 60c.

On orders amounting to \$10.00 or over, at catalogue prices only, the purchaser may select free trees or plants to value of \$1.50.

Bear in mind, this discount does not apply to any of the tree or plant collections, nor to any special offer; only on trees and plants in this department at regular prices.

Apples

2-year-old Trees, each 35c; 6 for \$2.00; 12 for \$3.00
 3-year-old Trees, each 50c; 6 for 2.50; 12 for 5.00
 Extra Heavy, largest size, 8 ft. high, each \$1.00; 6, \$5.00

Summer Varieties

- Early Colton**—Yellowish white; ripens in July.
- Duchess of Oldenberg**—Yellow, striped red; ripens July.
- Early Harvest**—Fine yellow; ripens in June.
- Family**—Yellowish, 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 May.
- Yellow Transparent**—Large, clear, yellow; juicy.

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**—Richly striped; ripens in November.

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; flesh crisp, highly flavored.
- Red Limber Twig**—Greenish yellow, faint crimson stripes.
- Shoekley**—Waxen yellow, with crimson cheek.
- Tull**—Winter apple; fruit large, green, with red stripes.
- Twenty Ounce**—Heavy, solid apple; fine flavor.
- Wine Sap**—Rich, dark red; flesh fine, creamy yellow.

Standard Pears

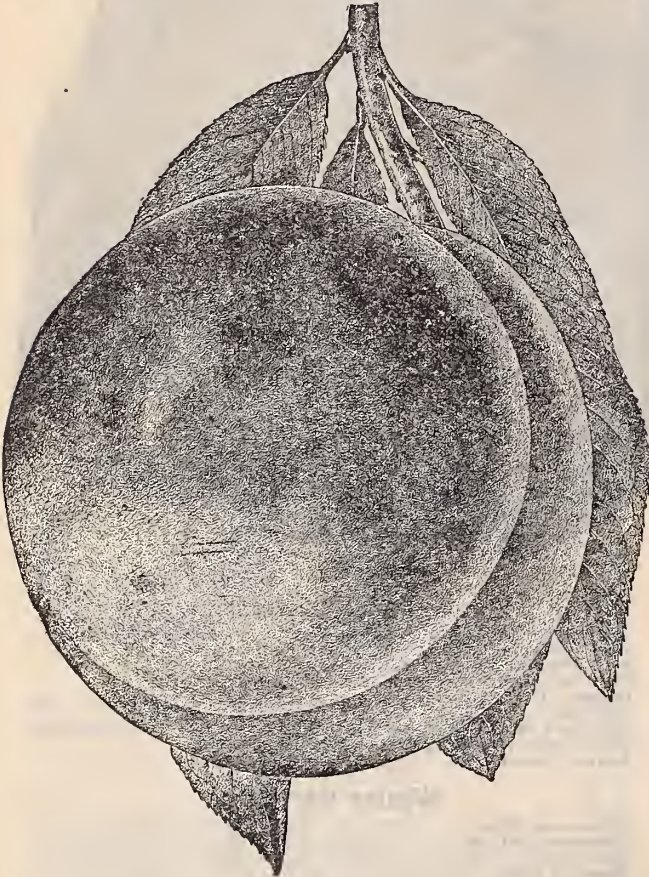
- 2-year-old Trees, each \$.40; 6 for \$ 2.00; 12 for \$ 3.50
- 3-year-old Trees, each 1.00; 6 for 5.00; 12 for 10.00
- 4-year-old Trees, each 2.00; 6 for 10.00; 12 for 15.00
- Keiffer**—Golden yellow, tinged with red on one side, remarkably free from blight; ripens in September.
- LeConte**—Large, of fair quality; ripens in August.
- Bartlett**—Yellow, faint blush; ripens in August.
- Clapp's Favorite**—Resembles Bartlett; ripens in August.
- Duchess D'Angouleme**—Very large; 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.

Cherries

- 2-year-old Trees, each \$.40; 6 for \$2.00; 12 for \$ 3.50
- 3-year-old Trees, each 1.00; 6 for 5.00; 12 for 10.00
- Early Richmond**—Fine; very early; ripens in May.
- Black Tartarian**—Black, juicy; ripens last of June.
- 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.

NOTICE

Patrons sending us checks on country banks must add 10c for the collection charges on the same. Where this is not added, we will send only goods for amount of check less 10c collecting charges.



Champion Peach.

Peaches

2-year-old Trees, each 25c; 6 for \$1.25; 12 for \$2.00

3-year-old Trees, each 50c; 6 for 2.75; 12 for 5.00

Freestones

Admiral Dewey—Orange yellow; crimson cheek; June 15.
Alexander—Flesh white; ripens June 15.
Amelia—Large white; ripens July.
Belle of Georgia—Large, white; ripens July 20.
Berenice—Freestone; very juicy; large yellow peach.
Carmen—Freestone; ripens in June; large.
Champion—Immense size; white, red cheek; August.
Coleman's Choice—Freestone; large yellow; ripens July.
Crawford's Early—Yellow, juicy; ripens August.
Crawford's Late—Finest quality; ripens August 20.
Early Rivers—White, pink cheek; ripens July.
Eleanor Semmes—Freestone; deep yellow; August.
Ensley—Crimson yellow; ripens August 15.
Early Tillotson—White covered, red cheek; July 25.
Elberta—Flesh yellow, juicy and sweet; ripens August 1.
Greensboro—An early variety; large, white; June 15.
Globe—Fine yellow; ripens October.
Heath Free—Very tender, juicy and melting; September.
Hill's Chili—Hardy, yellow; ripens September.
Matthews' Beauty—Large yellow peach; August.
Mountain Rose—White, splashed carmine; ripens July 1.
Old Mixon Free—Yellowish white; ripens August 15.
Piquet's Late—Flesh yellow, sweet; ripens September.
Slappy—Freestone; ripens end of July, golden yellow.
Stump the World—Large, white, fine; ripens August 15.
Susquehanna—Fine canner; ripens July 30.
Triumph—Yellow; ripens June 1 to 15.
Wonderful—Handsome, productive; ripens October 10.
Yellow St. John—Golden yellow; ripens June 20.

Clingstones

Chinese Cling—Creamy white; ripens July 15.
Eureka—Clingstone; creamy white; fine quality; August.
Everbearing—Indian type; flesh white, streaked red.
Fitzhugh Lee—Creamy white, crimson blush; 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 1.
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.
Victor—Clingstone; very early; ripens June 1; good size.
Stonewall Jackson—Very fine; ripens July 15.
White English Cling—Very large; creamy white, with blush on sunny side; flesh very juicy; ripens August.



Brown Turkey Fig.

Crab Apples

Each, 25c; doz., \$2.25.

Golden Beauty
 Hyslop Crab
 Martha Crab

Red Siberian
 Transcendent
 Yellow Siberian

Nectarines

Strong 2-year-old Trees, each 35c; doz., \$3.00.

Fig Bushes

Price, either variety, 1-year Trees, each 40c; doz., \$3.50.
Brown Turkey—Medium size, very sweet; prolific, hardy.
Lemon—A beautiful lemon colored fig; very sweet.
Celestial—Very large; violet; good and productive.
Magnolia—Mammoth fruit; largely grown in Texas.

Quinces

Strong 2-year-old Trees, each 40c; doz., \$3.50.

Champion—Large, very showy and handsome; tender.
Orange—Large, round, golden yellow; very fine.
Rea's Mammoth—An improvement upon Orange; larger.

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.

Japan Persimmons

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. Varieties we offer are well adapted to this latitude, in four distinct sorts. Price, 2 to 4 feet, 50c each.



Campbell's Early Grape.



BURBANK



Texas Umbrella China.



Silver Maple.

Plums

2-year-old Trees, each \$.40; 6 for \$2.00; 12 for \$ 3.50
 3-year-old Trees, each \$1.00; 6 for \$5.00; 12 for \$10.00
Abundance—Large, sweet, juicy; very early, bright red.
Wild Goose—Very large and fine; ripens in June.
Red June—Purplish red; flesh yellow, solid, juicy.
Burbank—Large, clear, cherry red; very sweet.
Damson—Bluish purple; fine for cooking; ripens in Aug.
Wickson—Purple red; firm, sweet and juicy.

Scuppernong Grapes

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.
 1 year, 40c; 12 for \$3.50.

Mulberries

Each, 50c; doz., \$4.00; 100, \$25.00.
Hicks' Everbearing—Produces immense crops; splendid for poultry and hogs.

Grafted or Budded Pecans

The budded or grafted pecans will bear at 6 years of age, while the seedling seldom commence to give fruit under 10 years after planting. Price, 2 to 3 feet, \$1.00 each; 6 for \$5.00; 4 to 5 feet, \$1.25 each; 6 for \$6.00.

Bradley Pecans—Its good points are large size, thin shell, well filled and very prolific.
Frotcher Paper Shell Pecan—One of the best; large, thin shell; prolific bearing.

Pride of the Coast—Nuts frequently 2 inches in length; shell moderately thin; nuts will run from 24 to 32 to the pound.

Paper Shelled Seedling Pecan—The nuts are large and very thin shelled. 2 to 3 feet, each, 40c; doz., \$3.50; 3 to 4 feet, each, 50c; doz., \$5.00.

NUT TREES.

Any variety, 2 to 3 feet, each 40c; doz., \$3.50.
 Any variety, 3 to 4 feet, each 50c; doz., \$5.00.
Almonds Princess English Walnut
American Chestnut Japan Chestnut
Japan Walnut Filbert

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.

Spraying—We cannot be too emphatic in impressing on the horticulturist to spray his fruit trees and grape vines if he desires good fruit. Every fruit grower should purchase a spraying apparatus; they can now be had for a small sum. We furnish special directions for spraying and can supply a full line of spray pumps, etc. Write for catalogues, etc.

Please Write
 Your Name
 and
 Postoffice
 Address
 Plainly

Grapes

Strong 2-year-old vines, each 25c; doz., \$2.00; 100, \$10.00.
 By express only.

Worden—Concord type; larger in bunch and berry.
Brighton—Large, coppery red; best quality.
Campbell's Early—Large, compact, black berry.
Concord—Large, black, juicy; sweet when ripe.
Delaware—Bunches small and compact; light red.
Early Ohio—The earliest black grape; bunches large.
Lutie—Very early; large red; free from rot.
Moore's Early—Large, black; earlier than Concord; fine.
Niagara—Berries large; sweet; greenish white.

Shade Trees

Texas Umbrella China—Low, dense spreading growth; foliage deep green; admirable for the South. Each, 50c and 75c; large size, \$1.00.

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; large sizes, \$1.00 and \$2.00 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. Price of trees, 12 to 15 inches, 50c each; 4 to 5 feet, nice specimens, \$2.00 each.

We can also supply the following standard varieties:
 Price, trees 5 to 6 feet, 75c; 8 to 10 feet, \$1.00 each.

- American Linden
- Silver Leaf Maple
- European Linden
- Carolina Poplar
- Sugar or Rock Maple
- Red Elm
- Catalpa Speciosa
- Weeping Willow
- Norway Maple
- Lombardy Poplar
- Judas or Red Bud

Raspberries

Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. Cut the tops off within a few inches of the ground when planted. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.



Cumberland Raspberry.

Cumberland—The largest black raspberry grown; immensely productive; quality fine; ripens very early. Each, 15c; doz., 75c; 25, \$1.25; 100, \$4.00. By express.

King—The largest, handsomest and best red raspberry cultivated. Bears transportation well; very productive. Each, 15c; doz., 75c; 25 for \$1.25; 100 for \$4.00. By express.

Turner Red—Of rich flavor and very good quality; bright red. Each, 10c; doz., 60c; 25 for \$1.00; 100 for \$3.00. By express.

Gregg—Large, earliest black cap. Doz., 60c; 25, \$1.00; 100, \$2.50. By express.

Kansas—Jet black, firm berry; productive. Doz., 60c; 25, \$1.00; 100, \$2.50. By express.

ST. REGIS EVERBEARING RASPBERRY—THE "EARLY TILL LATE" RASPBERRY.

Originator's Descriptions—Raspberries for four months! That's what you get when you plant St. Regis—this new everbearing variety.

It gives a crop of fruit all summer and autumn, fruiting on the old canes in generous quantities until late in August. By this date berries begin to ripen upon the young, i. e., current year's canes, which continue to produce berries in increasing numbers until late autumn; in fact, until severe frosts occur. 1-year-old plants, each, 15c; 10 for \$1.25; 25 for \$2.00. By express only.

Blackberries

Plant in good soil, in rows 5 to 6 feet apart, and 3 to 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Himalaya Giant—A late blackberry, coming after the other berries are gone, ripening over a period of several weeks, making it especially desirable for family use. They are seldom injured by frost, as they blossom after all frosts are over. It must be grown on a trellis—the vines under favorable conditions growing 15 to 20 feet. 1-year-old plants, 15c each; \$1.25 per 10. By express.

Blower—Claimed to be the hardiest, most productive. Has produced 2,694 berries on one bush, 2,720 quarts on one-third of an acre. Large size, jet black, good shipper, best quality. Each, 15c; doz., \$1.00; 25 for \$1.50; 100 for \$5.00. By express.

Wilson—Fruit large; very productive and early. Each, 10c; doz., 60c; 25 for \$1.00; 100 for \$3.00. By express.

Eldorado—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. Each, 15c; doz., 75c; 25 for \$1.25; 100 for \$4.00. By express.

Currants

Fay's Prolific—One of the most prolific, of excellent quality. Each, 15c; doz., \$1.25.



Eldorado Blackberry.

Buffalo Berry

Fruit resembles small currants, but is of richer taste and literally covers the twigs and branches. If not gathered will remain on plants through the winter. Esteemed for pies, tarts, preserves, jellies, etc. A constant and prolific bearer, and will thrive anywhere. Price, 25c each; \$2.00 per doz. By express.

Dewberries

Lucretia Dewberry—The berries are far larger and incomparably better than any blackberry and of unequalled excellence; soft, sweet and luscious throughout; of brightest, glossy black color. Price, 75c doz.; \$3.00 per 100. By express.

Austln Dewberry—Earlier than Lucretia, same size. Price, 75c doz.; \$3.00 per 100. By express.

Gooseberries

Houghton—Pale red, good quality and productive. Each, 20c; doz., \$1.50. By express.

Downing—Large, pale green berries. Each, 20c; doz., \$1.50. By express.

Burbank's Phenomenal Berry

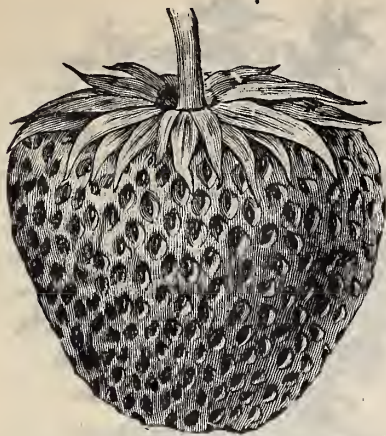
Mr. Burbank, the introducer, describes it as larger than the largest berry ever before known; bright crimson raspberry color; productive as could be desired. Each, 15c; 12 for \$1.50; 25 for \$2.00; 100 for \$6.00. By express.



Lucretia Dewberry.

RED COMB MEAT MASH

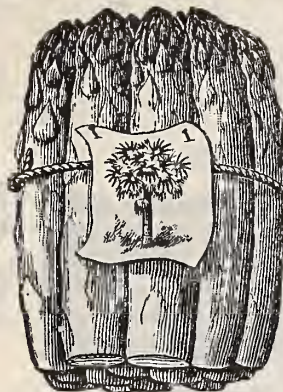
A mash feed prepared expressly for egg production, being very rich in egg making elements. This mash is unsurpassed as a winter egg maker. 8 lbs. 25c; 25 lbs. 75c; 100 lbs. \$2.25.



Norwood Strawberry.



Horseradish Roots.



Palmetto Asparagus.



Rhubarb

Strawberries

Plant in March, April or May, on good ground, deeply worked and well manured. Set in rows 3½ feet apart, 15 inches in rows, for field culture; 15 inches each way for garden.

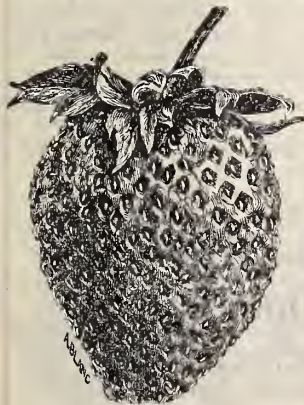
The varieties marked S are for staminate or perfect blooming; those marked P, which are pistillate, are destitute of pollen, and require to be planted near some perfect blooming sort.

Prices named below are f. o. b. Memphis. We do not mail Strawberry plants. They must be shipped by express.

NEW SORTS.

Norwood (P)—Medium early. Found on the grounds of Mr. N. B. White, of Norwood, Mass. It is supposed to be a cross between Marshall and Corsican. The plant is strong and healthy, making a liberal but not excessive number of strong runners. The berry is conic and regular in shape. The quality is unsurpassed, and the size unequalled, some attaining enormous size. Color bright red all the way through, growing darker with age; firm, a good keeper, and will ship well. It is said twenty of the berries will fill a quart box. **Doz., 40c; 50 for \$1.00; 100 for \$1.50.**

New Early Beauty—The new Early Beauty Strawberry is without any question the strongest grower of any berry we have ever had any knowledge of. It has proven itself a wonder in this respect, and will undoubtedly, from its very vigorous constitution, prove a splendid sort. The fruit ripens the very earliest of any berry which we have ever known. It is of large size, of the pointed shape. The berry is a rich, glossy red; handsome. Perfect-flowering variety. **By express, per doz., 30c; per 100, \$1.00; per 1,000, \$7.50.**



Excelsior Strawberry.



Klondyke Strawberry.

Kevitt's Wonder Strawberry (P)—This berry is absolutely new and distinct from any other Strawberry. It is a perfect blooming variety; berries large, with seeds of bright yellow, making it a perfect beauty. Fruit stems short and stocky, and so full of berries that they are weighted to the ground. Season medium, about same as Glenn Mary. Berries bright red with a long neck, parting readily from the calyx. Very few seeds and sweet as a sugar plum. Every plant grower, every gardener must have some of these new strawberries. **Price of fine plants, 50c per doz., postpaid. By express, \$1.50 per 100; \$10.00 per 1,000.**

Pan-American—This giant among Strawberries is a cross between Bubach and Belmont—great blood for size, beauty, yield and quality. The plant is perfection itself. The foliage and fruit shine as though varnished, having no blight or rust. The fruit is very large, even

the last picking, of a bright scarlet color, turning crimson when very ripe. Its season is from medium to late. Perfect flowering. **By express, per doz., 35c; per 50, \$1.00; per 100, \$1.50.**

Standard Varieties

KLONDYKE.

The best standard variety. Color of berry rich red, extending to center; of mild flavor, quite juicy; of great productiveness. A fine cooking sort and grown extensively for market. **25 for 25c; 100 for 60c; 1,000 for \$4.00. By express.**

	Per 25.	100	1000
Aroma, S, large, late, solid berry.....	.25	\$.75	\$4.50
Bubach, P, dark crimson, large.....	.25	.75	4.50
Crecent, S, good keeper, medium early	.25	.60	4.00
Excelsior, S, very early, good market..	.25	.60	4.00
Gandy, S, late market sort, good.....	.25	.60	4.00
Johnson Early, P, early, brightest crimson .....	.50	1.00	6.00
Lady Thompson, S, large hardy variety	.25	.60	4.00
Michell's Early, S, early standard sort..	.25	.60	4.00
Red Bird, P, dark scarlet, very firm....	.50	1.00	6.00
Senator Dunlap, S, productive, fine quality .....	.25	.75	4.50

Asparagus Roots

Conover's Colossal—2-year-old roots. **Doz., 25c; 50 for 50c; 100 for 75c.**

Palmetto—2-year-old roots. **Doz., 25c; 50 for 75c; 100 for \$1.00; 3-year-old extra heavy roots, doz., 50c; 50 for \$1.00; 100 for \$1.50.**

Giant Argenteuil—2-year-old roots. **Doz., 25c; 50 for 90c; 100 for \$1.25. By express only, at buyer's expense. Special prices on large lots.**

Horseradish

Plant in rows 18 inches apart, putting the sets 1 foot apart. **Doz., 25c; 100, \$1.25. By mail, doz., 30c.**

Rhubarb Roots

Crimson Winter Rhubarb—A new sort, originated with Mr. L. Burbank; large, bright red stalks of finest quality. **1-year roots, only \$1.50 per doz. By mail, 25c each.**

Victoria Rhubarb Roots—Small roots. **75c per doz. By mail, 15c each; large clumps, \$1.50 per doz. By express only.**

EYRIE EGG BOXES.

Specially made for the shipping or delivering of eggs for setting. Are made of corrugated paper, strong, light and durable, and at the same time protect from heat or cold in transit. When packed weigh less than 3 pounds. **15-egg size, \$1.20 per doz. boxes; 30-egg size, \$1.75 per doz.**

SCHWILL'S MICROZONE.

This up-to-date remedy will cure roup, sore eyes, sore mouth, bowel troubles, etc. This is one of the best remedies in the poultry yard. Liquid, cannot be mailed. **Price, bottle, 50c.**

SPRAY PUMPS.

Every farmer having an orchard or keeping poultry should have some kind of spray to use about his fruit or poultry house. There is no better way of using the lice paint, disinfectants and whitewash than with a spray pump. Fruit trees need spraying properly. You cannot raise good fruit without spraying properly.

Privet Hedge Plants



A Hedge of Privet.



Calycanthus.



Althea Shrub.

Price, either variety, first size, 15 to 24 inches, 10c each; 6 for 50c; \$4.50 per 100. By express or freight. Second size, 2 to 3 feet, 15c each; 5 for 50c; \$1.00 per dozen; \$6.00 per 100. By express or freight. Orders of 50 filled at 100 rate.

California Privet—The great hedging plant. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. The foliage is dark green, very glossy and wax-like; hardy everywhere. Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

Amoor Privet—Retains its color remarkably well in the winter. Is quite hardy and makes a fine hedge.

Hardy Vines

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 each; 3 for \$1.00; 12 for \$3.00.

We can also supply the following standard vines. Price, each, 35c; 6 for \$2.00:

- | | |
|---------------|----------------|
| Blue Wistaria | White Wistaria |
| | American Ivy |

Hardy Shrubs

	One year Plants.	Doz.
Althea, in 10 colors each, Rose of Sharon	\$.30	\$3.00
Barbery Thunbergia, Hedge Plant	.30	3.00
Calycanthus, sweet shrub, clove or allspice	.35	3.50
Deutzia, in 5 varieties, each	.30	3.00
Exochorda Grandiflora, Pearl Bush	.30	3.00
Euonymus Japonicus, for hedge	.25	2.50
Forsythia, Golden Bell	.35	3.50
Japan Quince, per 100, \$15.00	.25	2.40
Lilac, purple	.35	3.50
Lilac, white	.35	3.50
Phladelphia, 10 varieties, Syringa	.30	3.00
Snowball Shrub	.35	3.50
Splrea, in 10 varieties, each	.30	3.00
Welgela, in 10 varieties	.35	3.50
Welgela Eva Ratka, very fine	.40	4.00

Crape Myrtle—This old favorite is not sufficiently appreciated. The plant blooms throughout the entire summer, producing great masses of beautifully fringed flowers. **Crimson, each, 35c; doz., \$4.00.**

Hydrangea Paniculata Grandiflora—Of compact, bushy growth; flowers in large panicles, white, changing to pink and copper; beautiful. **Each, 50c; 3 for \$1.25.**

Evergreens

	Trees 24-in. ea.
Irish Juniper	\$1.00
Lawson Cypress	1.00
Norway Spruce	1.00
Golden Japan Cypress	1.00
White Pine	1.00

Mushroom Spawn

Much interest is being taken in Mushroom culture in all parts of the country. They can easily be grown to perfection in an ordinary cellar, woodshed or barn. Culture directions free with orders.

Price, American Pure Culture Spawn; Per brick, 25c; 5 bricks for \$1.00. If wanted by mail, send 15c per brick extra, for postage.

Honeysuckles

Hall's Japan—White and creamy yellow; fragrant; blooms the whole season.

Monthly Fragrant—Red and yellow; very fragrant. Blooms all summer.

Scarlet Trumpet—Red flowers; blooms freely; rapid grower.

Price of Honeysuckles: 2-year-old plants, each, 35c; 3 for \$1.00.

Hardy Border Plants

Perennial Phlox—No class of hardy plants is more desirable than the Perennial Phlox. They will thrive in any position, in large groups on the lawn, or planted in front of belts of shrubbery. **Each, 25c; 12 for \$2.50.**

Rudbeckia Golden Glow—The most prolific and satisfactory hardy perennial of all yellow flowering sorts. Grows 5 to 7 feet and blooms from early summer until frost. **Each, 35c; 3 for \$1.00; 12 for \$3.00.**

Have You a Dog or a Cat?

As many of our customers have dogs and pet cats, and we receive many calls for supplies, we have decided to offer them in this catalogue **Spratt's Patent Dog Cakes**, the leading brand both in this country and in Europe. Two to four biscuits per day for an average size dog are sufficient. **Box of 25, 50c.**

Spratt's Patent Puppy Cakes, specially prepared food for "puppies" until they become older. **Box, 25c.** **Spratt's Patent Dog Soap** kills fleas, prevents mange and other skin diseases. Used in preparing dogs for exhibition. It leaves the coat smooth and glossy. **Price, 35c per cake.**

Free Goods

- | | |
|----------------------|-----------|
| One Box Lice Powder, | Value 25c |
| One Box Roup Powder, | Value 25c |
| One Box Egg Producer | Value 25c |
| One Can Lice Paint, | Value 35c |

Our Selection.

With every cash order for Poultry Supplies of any kind, excepting Incubators, Brooders and Bone Mills, that amounts to \$10.00 or over, at Catalogue prices, we will send you, providing you state that you want them when sending your order, we will put the above goods in, free.

Please state when ordering if you wish them, and remember this offer does not apply to any order for Seeds, Trees, etc., nor any Incubators, Brooders or Bone Mills; only on other Poultry Supplies which are listed on pages 85 to 99.

PLANT DEPARTMENT

Our Roses and other plants have obtained a world-wide reputation for vigor, hardiness and blooming qualities. We send out only such plants as are young and thrifty and which we feel sure will please our customers. We guarantee safe delivery, and if any plant should not be in good growing condition when received, we will gladly replace it. All plants listed (except where noted) are offered by mail postpaid. All orders will be sent immediately on receipt (we ship every day—winter, spring and summer), and if any orders are to be held, the orders should give a definite shipping date. Two-year Roses can be sent by mail, but if shipment is ordered by express larger plants will be sent, express charges to be paid by purchaser.

THE AMERICAN BEAUTY

The Greatest of Them All. A hardy Rose of the largest size, having the ever-blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose, and equally valuable for winter or summer blooming. The flowers are so eagerly sought that they sell in the larger cities during the holiday season at the extravagant price of from \$1.50 to \$2.00 for a single bud or flower. In color it is a deep, brilliant rosy-carmine, shading towards the center with rich carmine-crimson. The back of the outer petals take the coloring of lighter dull carmine. The American Beauty is one of the most vigorous Roses we have. It makes the heaviest stems and the largest bush, it not being unusual to see a rampant bush with a dozen canes as thick as one's finger and several feet in height. Sold under positive guarantee as to being true to name. Strong plants, 1-year, 25c each, 3 for 60c, postpaid; 2-year, 50c each; 3-year (extra heavy plants), \$1.00 each, by express.

GARDEN ROSE MAIDEN BLUSH

Grand new Garden Rose, with beautiful, firm, glossy foliage, quite like Maman Cochet in appearance, with flowers of heavy texture. Color white, shading to pink. Succeeding admirably in open ground. Produces immense blooms on long, stiff stems; hardy with light protection. 20c each, postpaid; strong 2-year plants, 40c each.

DR. W. VAN FLEET

Beautiful New Everblooming Climbing Rose, Dr. W. Van Fleet, the parentage of which is Souvenir du Pres. Carnot x Rosa Wichuraiana, bears flowers which, when open, run four inches and over in diameter. The center is built high, petals beautifully undulated and cupped. The color is a remarkably delicate shade of flesh-pink on the outer surface, deepening to rosy-flesh in the center. The flowers are full and double, of delicate perfume, buds pointed, stems twelve to eighteen inches, and fine for cutting. The foliage is a peculiar shade of bronze green, large and glossy, with spines a bright bronze red. The variety is a vigorous grower, immune from mildew. Strong 1-year plants, 30c each, 3 for 80c, postpaid; strong 2-year plants, 60c each, 3 for \$1.55.

WHITE DOROTHY PERKINS

A pure white sport from Dorothy Perkins, which will receive a warm welcome from all lovers of fine climbers, a good white being greatly needed in the section of hardy climbers. Strong 1-year plants, 25c each; strong 2-year plants, 50c each.

MY MARYLAND

Salmon-Pink Rose. We are very much inclined to regard this splendid Rose as the best of its color. It does remarkably well in the open ground, has wonderfully beautiful flowers, which are full, deep and double. A very hardy Rose, a strong grower and free bloomer and has won friends wherever it has been planted. 20c each; 2-year plants, 40c each.

MME. CONSTANT SOUPERT

This is one of the most valuable Roses that has been sent out in recent years. It was awarded First-Class Prize at Paris-Bagatelle Rose Show; First-Class Certificate at Dusseldorf; Gold Medal at Rose Exhibition at Liege; and Gold Medal at Paris. The growth is vigorous and the flowers large and very full, perfect form, color brilliant yellow suffused pink, lasting a long time in perfection. Strong 1-year plants, 30c each, 3 for 75c, postpaid; strong 2-year plants, 60c each.

HYBRID PERPETUAL ROSES

Duc de Rohan—Velvety crimson. 20c each; 2-year, 40c.
Paul Neyron—Clear pink. 20c each; 2-year 40c.
Ball of Snow—Pure white. 20c each; 2-year, 40c.
Vick's Caprice—White and pink. 20c each.
M. Charta—Peach-pink. 20c each; 2-year, 40c.
Ulrich Brunner—Cherry-red. 20c each; 2-year, 40c.
Gloire Lyonnaise—Rich creamy-white. 15c each; 2-year, 35c.
Roger Lambelin—Glowing crimson. 15c each; 2-year, 40c.
Mrs. John Laing—Bright shell-pink. 15c each; 2-year, 40c.
Frau Karl Druschki—Pure white. 20c each; 2-year, 40c.



Rose American Beauty

MME. MELAINE SOUPERT

The Salmon-Yellow Rose (Hybrid Tea). A good grower, foliage bronzy-green, flowers large, almost full and globular; immense cupped petals; color salmon-yellow suffused with carmine. 25c each, 3 for 60c, postpaid; strong 2-year plants, 50c each.

JACOBS PERLE

Enormous buds, sharply pointed and plump. Color salmon-pink with rosy peach. One of the finest. 20c each, 3 for 50c, postpaid; 2-year plants, 40c each, 3 for \$1.10.

MADAME CAROLINE TESTOUT (GIANT LA FRANCE)

This is a wonderful Rose. The petals are large and of elegant La France form, exquisitely edged and bordered with clear silver-rose. The color is brilliant satiny-rose. 20c each, \$1.35 per doz., postpaid; large 2-year plants, 40c each, \$3.75 per doz.

BESSIE BROWN

Blooms are of enormous size, of heavy substance and are perfect in shape, lasting splendidly when cut. The color is snow-white, faintly flushed and tinged with pink. A fine, strong plant. 15c each, postpaid; 2-year plants, 35c each.

BLUMENSCHMIDT

(Hybrid Tea.) Pure citron-yellow, outer petals edged tender rose, a sport from Franzisca Kruger, winner of three first premiums. 20c each, 3 for 40c, postpaid; 2-year plants, 40c each, 3 for \$1.00.

MAGNAFRANO

Ever-Blooming General Jacqueminot. This grand new Rose is of crimson-scarlet color and magnificent bud. It combines the hardiness and vigor of the Hybrid Perpetuals with the free-blooming habit and delightful fragrance of the Tea Rose. Strong 1-year plants, 20c each, postpaid; 2-year plants, 40c each.

CHATEAU DES CLOS VOUGEOT

The Incomparable Black Beauty. The marvelous coloring of this Rose makes it quite the most remarkable variety in its class yet raised. It is of the deepest velvety or blackish crimson, keeping its color well under all conditions; blooms are of enormous size; foliage good; habit of the plant is strong. Strong 1-year plants, 45c each, 3 for \$1.25, postpaid; strong 2-year plants, 95c each, 3 for \$2.50.

MRS. ARTHUR ROBERT WADDELL

Very vigorous, free branching growth, robust constitution, with superb rosy-scarlet buds opening reddish-salmon, and rosy-scarlet on the reverse of petals. Flowers extra large, semi-double. Of free branching habit and beautiful foliage; every shoot is crowned with a flower bud; blooms throughout the season; deliciously fragrant. Strong 1-year plants, 25c each, 3 for 60c, postpaid; strong 2-year plants, 50c each, 3 for \$1.25.

RELIABLE HARDY CLIMBING ROSES

Greville, or Seven Sisters—White to crimson. 12c each; 2-year, 25c.
Tennessee Belle—Beautiful pink. 12c each; 2-year, 25c.
Prairie Queen—Rosy-red. 12c each; 2-year, 25c.
Baltimore Belle—Blush. 12c each; 2-year, 25c.



Rose Maiden Blush

RHEA REID

This novelty is a seedling variety of great distinctness of character. The growth is vigorous, throwing out long shoots with rich green leaves, and each shoot bearing a flower well above the foliage. 20c each, 3 for 50c, postpaid; strong 2-year plants, 40c each, 3 for \$1.00.

THE THREE KILLARNEYS

KILLARNEY. There is no Rose we know of in this class that blooms more freely than Killarney, and the large size of the flowers and substance of petals are remarkable, petals often measuring two and one-half inches deep. The buds are large, long and pointed. The color is exquisite, a brilliant imperial pink, almost sparkling, and beautiful beyond description. 20c each, postpaid; 2-year plants, 35c each.

CLIMBING KILLARNEY. This is a sport of the now popular cut-flower Rose Killarney and excels any variety of its class and color ever introduced. The color is an exquisite shade of deep brilliant pink. Flowers immense in size, with petals of great substance and delightful fragrance. A great new Rose. 25c each, postpaid; 2-year plants, 45c each.

WHITE KILLARNEY. An offspring of the famous pink Killarney. It is identical with it, except that the flowers are pure white. Strong plants, 30c each, postpaid; strong 2-year plants, 50c each.

HELENA CAMBIER

The growth is free and vigorous, very free-blooming, flowers of splendid substance and a delightful shade of deep, rich golden-yellow. In extreme heat comes a deep amber color. The buds are full and firm, lasting a long time when cut. As the flowers expand, the center of the Rose discloses depths of golden-yellow, with light orange tints, while the older petals lessen to lemon-yellow. 20c each; 2-year plants, 35c each.

CLIMBING CLOTHILDE SOUPERT

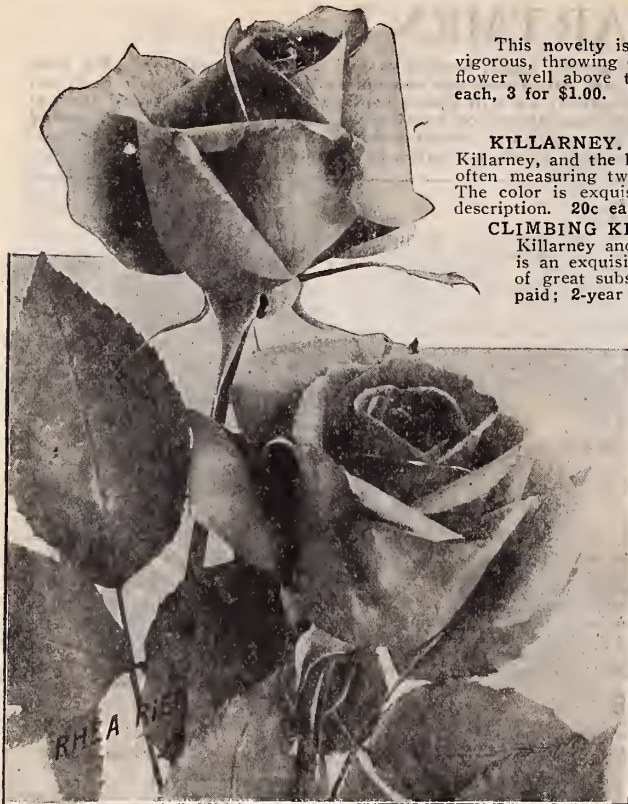
Hardy Ever-Blooming Climbing Rose. Unequaled for quick and abundant bloom and healthy, vigorous growth. The flowers are two and one-half to three inches across, and perfectly double; rich creamy-white, sometimes tinted with blush and borne in immense profusion, the whole growing season, from June to November; handsome glossy green foliage, not subject to insects or disease, and is altogether one of the most beautiful and satisfactory hardy ever-blooming climbing Roses for porch or trellis yet produced. 15c each; 2-year plants, 35c each.

CLOTHILDE SOUPERT

This grand Rose continues to be one of the best and most beautiful varieties for bedding ever introduced. The flowers are large, perfectly full and double and most deliciously sweet; color beautiful creamy-white, splendidly tinged with amber, deepening at center to a clear bright pink; vigorous grower, and continues loaded with beautiful buds and flowers during the whole season. 10c each, postpaid; 2-year plants, 30c each.

YELLOW SOUPERT, OR MOSELLA

Mosella is a strong grower, flowers are a little larger than the Clothilde Soupert, but appear the same way in clusters and on single stems; the color is chrome-yellow in the center, getting creamy-white on the edges of the petals. 15c each, postpaid; 2-year plants, 35c each.



Rose Rhea Reid

TAUSENDSCHON

The Grand New German Climbing Rose Thousand Beauties. Tausendschon in German means Thousand Beauties. The colors run from delicate balsam or tender rose through the intermediate shades of bright rose and carmine, with white, yellow and various other delicate tints showing. There is no other Rose in cultivation like it. It is a strong grower, impervious to mildew and absolutely hardy. It will please you from the day you plant it. 20c each, postpaid; large 2-year plants, on own roots, 40c each.

FREIHERR VON MARSCHALL

Flowers large, beautifully shaped, double and full, borne in wonderful profusion all through the growing season. The color is bright red. Long, well-shaped buds. 20c each, 3 for 50c; 2-year plants, 40c each, 3 for \$1.10.

STRIPED REINE MARIE HENRIETTE

A sport from the old favorite Reine Marie Henriette; has the splendid vigorous climbing habit of the mother Rose, white beautifully striped, flamed and shaded in bright carmine over pale rose. Strong 1-year plants, 15c each, postpaid; 2-year plants, 30c each.

MARECHAL NIEL

So famous as to really require no description. Its magnificent golden-yellow buds are worn the world over and are almost massive in dimensions. The reports from Southern growers tell of single plants showing one and two thousand blooms of Marechal Niel at one time. This Rose starts rather slowly, and for that reason the best success will be had with the stronger plants. 15c each; stronger plants, 25c and 50c.

GLOIRE DE L'EXPOSITION DE BRUXELLES

Hardy Hybrid Perpetual Rose. The largest, sweetest and best of all hardy Roses. It is a genuine hardy ever-blooming Rose. For immensity in size, rich color, exquisite form and delicious fragrance, it stands without an equal. The color is a rich velvety-crimson. We guarantee all the plants we send out to be true to the name. 20c each, 3 for 50c, postpaid; 2-year plants, 40c each.

HERMOSA ROSES

Yellow Hermosa (Coquette de Lyon)—Pure, rich canary-yellow; fine bedder. White Hermosa—Creamy-white flowers. Red Hermosa—Choicc bedder. Pink Hermosa—Bright clear pink. 15c each, 2 for 25c; the 4 sorts for only 45c, postpaid; by express, not prepaid, 2-year plants, 35c each.

MAMAN COCHET ROSES

Pink Maman Cochet—Enormous flowers; rich coral-pink. 15c each. Red Maman Cochet—Bright crimson. 20c each. White Maman Cochet—Snow-white; large and fragrant. 15c each. Yellow Maman Cochet—Sulphur-yellow; double. 20c each. One strong plant of the 4 Maman Cochet Roses for only 55c, postpaid. By express, not prepaid, 2-year plants, pink, 30c; white, 35c; red, 40c; yellow, 40c; set of 4, \$1.25.



Rose Marechal Neil

THE BLUE RAMBLER

Veilchenblau (Perfectly Hardy, Violet-Blue). In Veilchenblau we have an improved and glorified free-flowering Rambler, a seedling from the famous Crimson Rambler. The flowers are violet-blue in color; a perpetual source of wonder; standing out in graceful form in large clusters, individual flowers measuring from 1½ to 2 inches across. This new Rose is perfectly hardy, the growth vigorous, producing beautiful foliage. Well-established plants, 20c each, 3 for 50c, postpaid; strong 2-year plants, 50c each, 3 for \$1.25.

PHILADELPHIA RAMBLER

The Popular Crimson Rambler. The plant is of a very vigorous growth, making shoots from eight to ten feet during the season. It is also magnificent in bush form; color is the brightest crimson. The flowers are produced in great pyramidal panicles, the individual flowers measuring about 1½ inches in diameter. The foliage is a bright green and glossy, and contrasts finely with the bright crimson of the flowers. 15c each; 2-year plants, 35c each.

DOROTHY PERKINS

The Beautiful Pink Rambler. Beautiful shell-pink; a rapid grower, frequently developing shoots from ten to fifteen feet long in one season; hardy, withstanding the severest winters without injury; blooms in clusters like Crimson Rambler, but the flowers are more double and large. 15c each, postpaid; large 2-year plants, 35c each.

YELLOW RAMBLER

The Hardy Yellow Rambler. The color is a decided yellow. Many Roses which are described as yellow have really only a creamy tinge, but the Yellow Rambler is clear, decided yellow. The flowers are very sweet-scented. 15c each, postpaid; large 2-year plants, 30c each.

BEAUTIFUL HARDY MOSS ROSES

Princess Adelaide—Rosy-pink. 20c each; 2-year, 35c. Henry Martin—Rosy-red. 30c each; 2-year, 35c. White Bath—Double white. 20c each; 2-year, 35c.

CLIMBING MARIE GUILLOT

The flowers are magnificently made, extra large, deep and double; the buds are particularly beautiful and the fragrance delightful. 15c each; 2-year, 30c.

CLIMBING METEOR

Rich velvety-red buds and flowers. Climbing Meteor is the acme of all red climbing Roses. Its flowers are much larger than Meteor, and are richer in color. 15c each; 2-year plants, 30c each.

CLIMBING BRIDESMAID

The flowers are simply beautiful—clear pink. This is one of the most valuable additions to the climbing Tea Roses made in recent years. 15c each; 2-year plants, 30c each.

EVER-BLOOMING TEAS AND HYBRID TEAS

THE LARGE SIZE plants referred to are the 2-year plants. We also give prices on 1-year plants, which, however, are not little, weak, forced slips, but the product of years of experience and our improved methods of culture, which insures the greatest vitality and abundance of bloom.

LARGE SIZE ROSES—Strong 2-year plants, 30 cents each; any 3 for 75 cents; any 12 for \$2.50. Your choice.
ONE-YEAR SIZE—Strong blooming plants, 15 cents each; any 3 for 40 cents; any 12 for \$1.00, postpaid.



Rose Burbank



Blue Rambler (Veilchenblau)

Agrippina—Bright scarlet. Alliance Franco-Russe—Flowers bright yellow, shading to salmon at the center. Antoine Rivre—Salmon-flesh in center to the edge of its petals, shading to a creamy-white with a delicate pink tinge. Bride—Fine creamy-white. Bridesmaid—Rose-pink with crimson shading. Burbank—Flower a clear pink. Bon Silene—Deep rose, shaded carmine. Catherine Mermet—Every shade of color, from the purest silvery-rose to the exquisite combining of yellow and rose. Climbing Devoniensis—Sulphur-yellow. Climbing Perle—Good clear yellow. Cornelia Cook—Pure creamy-white, sometimes tinged with pale rose. Devoniensis (Magnolia Rose)—Straw-yellow. Duchesse de Brabant—Beautiful peach-pink. Elise Heymann—A beautiful pink. Enchantress—Pink flowers. Empress of China—Fine pink. Etoile de Lyon—Deep yellow flowers; very sweet. General Robert E. Lee—Orange-yellow. General de Tartas—A brilliant carmine, deeply shaded with violet. Golden Gate—A rich creamy-white, beautifully fringed with a fine golden-yellow. Henry M. Stanley—A rare shade of amber-rose, delicately tinged with apricot-yellow toward the center. Isabella Sprunt—Flowers of bright canary-yellow. Ivory—Pure white. Joseph Metral—Deep brilliant crimson, one of the darkest. James Sprunt—Crimson flowered. Lucullus—A fine crimson, fading to a purple. La Princess Vera—The flower is of large size, of exquisite shape; buds long and pointed, similar to Niphetos. Lamarque—Pure white. Marie Guillot—Entirely double to the center; very sweet-scented. Madame Schwaller—Transparent salmon-rose. Madame Lombard—A beautiful shade of rosy-bronze, changing to salmon and fawn, shaded with carmine. Madame de Watteville—Creamy-white, edged with rosy-carmine. Mrs. de Graw—A rich, glossy pink. Marie Van Houtte—Of a fine, faultless, straw-yellow color, with the outer petals washed and outlined with a bright rosy-carmine. Mme. C. Berthod—Light yellow. Mrs. E. Duranthon—The upper surface of each petal is shell-pink, the reverse soft rose. Mme. F. Kruger—Soft rose-pink, elegantly shaded with crimson and amber. Mme. Joseph Schwartz—Pure white, tinted with rose. Pernet's Triumph—A fine clear magenta-red. Princess Hohenzollern—A bright, deep satiny-red, with lighter center. Princess Sagan—Flowers of richest crimson. Papa Gontier—A grand red Tea, of fine crimson shade. Rainbow—Deep coral-pink, elegantly striped. Reve d'Or—Citron-yellow. Solferatte—Clear, deep sulphur-yellow. Safrano—Bright apricot-yellow, changing to orange. Sombreuil—Pure white tinged with a delicate pink. The Climbing White Pet—Pure snowy-white. The Queen—Pure snow-white. Wm. Allen Richardson—Orange-yellow, center copery-yellow.

CHRYSANTHEMUMS

The Chrysanthemum is of easy culture, but to secure fine blooms and strong plants, care and attention while the plants are growing must be given. There is probably no plant cultivated for its flowers which is capable of greater possibilities, and year after year the blooms are becoming finer, better in color, size, form and in every way, showing that the time and study which is being given to them is not in vain.

Any variety, except where noted, 15c each; any 3 for 40c; any 6 for 75c; \$1.40 per doz., postpaid

ADELE. The flowers are a beautiful shade of light pink, shading to a deeper pink at the end of the petals. The form of the flower is very similar to the old variety Ivory, only much larger.

MRS. COOMBES. Color beautiful rose-pink, resembling Viviani Morel in color and also in style, but the petals are broader. It is a fine dwarf grower.

ALICE BYRON. Color purest white, with clear, smooth florets. This will be found an extraordinary fine exhibition variety.

THE QUEEN. It excels all in purity, extra large in size, of beautiful half-globular form with broad incurved shapely petals of great substance; growth robust, with large, smooth, heavy deep green foliage; white.

MRS. PERRIN. The flower is of globular form, incurved, full and with a finish as fine as satin. Color rose-pink within, glistening pink without.

SUNBURST. Japanned incurved. The base of the petals is an intense yellow, gradually shading to pale yellow at the tips.

OCTOBER FROST. A pure white, with broad, slightly incurved petals. Strong grower, with heavy foliage, and one of the earliest to flower.

OCTOBER SUNSHINE. This fine variety eclipses all other early-flowering golden-yellows; the petals are incurved.

Mlle. JEANNE NONIN. Resembles that popular variety, Timothy Eaton. Color a pure snow-white; a dwarf grower, with heavy foliage.

MISS CLAY FRICK. This is a white sport from the grand prize-winning variety, Wm. Duckham. Flowers are incurved, very large. 20c each, 6 for \$1.00; \$1.75 per doz., postpaid.

NAGOYA. One of the largest and finest brilliant yellows. Large petals, very long; variety of good growth, splendid stem and good habit. 20c each, 6 for \$1.00; \$1.75 per doz., postpaid.

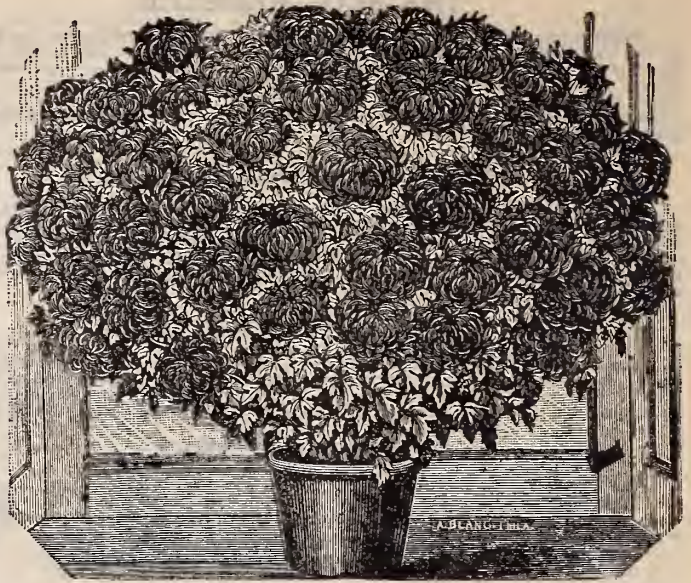
LORD HOPETOUN. Very handsome richest scarlet-crimson, with shining gold reverse; when fully expanded the center petals show the gold. 20c each.

NELLIE POCKET. Mammoth size. Flower is creamy-white with long, drooping florets, curling to the tips. 20c each, 3 for 50c.

THE NEW YELLOW, COL. D. APPLETON. Ideal exhibition variety. Flower is a magnificent Japanese incurved with lower petals reflexed. Immense size and beautiful shade of clear yellow. Faultless stem and foliage. 20c each, 3 for 50c.

THE GIANT WHITE, TIMOTHY EATON. Enormous, globular, Japanese incurved variety. Color pure white. Has captured every cup and prize for which it has been entered. 20c each, 3 for 50c.

MRS. HENRY ROBINSON. No grander white variety, no matter when it blooms; immense incurving broad-channeled petals of great substance. Winner of twenty-six first prizes.



Chrysanthemum Black Hawk

IVORY. Pure white flower of exquisite form and finish; has been shown in grand shape at all recent exhibitions.

MADAME F. BERGMANN. The finest of all the early whites; very large and full, with creamy center; a strong sturdy habit; fine foliage.

WM. DUCKHAM. Color a deep, clear pink; incurved with a broad petal; very large, measuring nine inches in diameter.

MONROVIA. (Early.) Color deep orange-yellow, with incurved petals; a good early cut-flower variety.

ESTELLE. Produces extra-sized flowers of the purest white; fine, deep form, with foliage evenly distributed along stem.

PINK IVORY (Miss A. L. Dalskov). It is identical with Ivory in every respect, except being beautiful shell-pink.

GLORY OF THE PACIFIC. This fine variety will rank among pink sorts as Bergmann does among whites; it is of magnificent size.

MRS. O. P. BASSETT. The finest of its color ever offered. The color is a fine canary-yellow of a soft texture. It is a large, flat, incurved variety, with broad petals, outer petals drooping a little as the flower opens.

YELLOW EATON. Color soft chrome-yellow; a fine example of the broad-petaled, incurving Japanese type, showing no center; very large.

MAUD DEAN. An immense pink variety; finely incurved, petals broadly shell-shaped; one of the largest flowers.

NIVEUS. A splendid snow-white variety; center irregularly incurved, with outer petals reflexing nearly to the stem.

JOHN K. SHAW. Very solid Japanese incurved; large in size, fine light pink, splendid stem and foliage.

MRS. GEO. F. BAER (Yellow Jerome Jones). Flowers very large, with incurved petals. Golden-yellow, tinted with bronze on under side of petal.

BLACK HAWK. The flowers are of immense size, reflexed with broad, stiff petals, deep velvety-crimson, with no shade of brown or chestnut.

MRS. JEROME JONES. The outer petals are a delicate lavender, forming a decided band of color.

MAJOR BONAFFON. Soft, clear yellow, full to the center, eight inches in diameter, and nearly as deep; in perfect form and finish; habit dwarf.

MERRY CHRISTMAS. The sensational novelty of the year. Globular Japanese incurved. Color a pure white.

GOLDEN WEDDING. Undoubtedly the grandest golden-yellow variety ever introduced. Nothing can exceed the richness of its color.

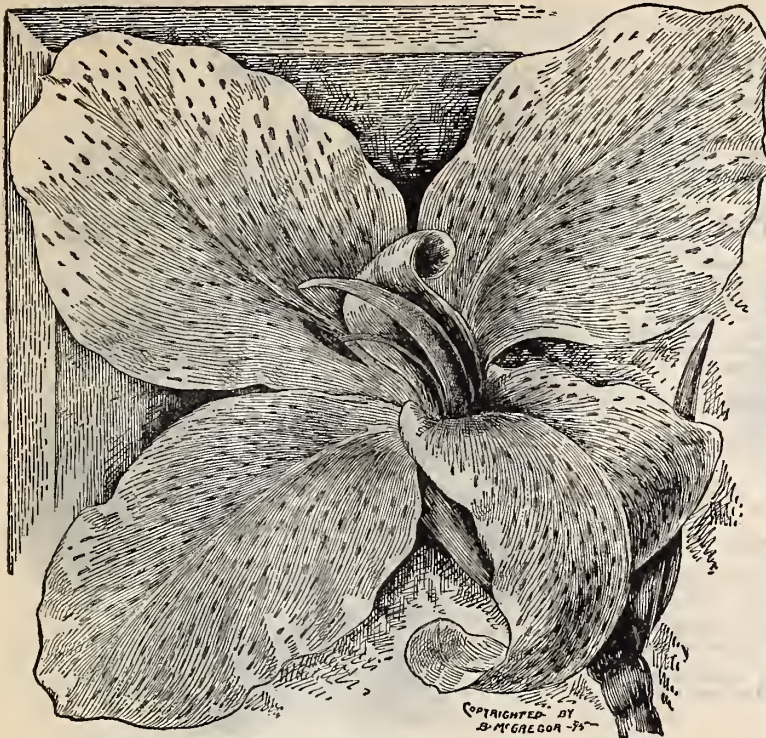
NEW OTAHEITE DWARF ORANGE

While it will grow three or four feet high and branch freely, it is not an uncommon thing to see little cutting plants five or six inches high full of bloom, and even bearing one or two medium-sized oranges. The fruit at their best are not more than half the size of an ordinary orange, but are very bright and beautiful in color, delicious in quality, but it is its flowers more than its fruit which commends it to general cultivation. When it blooms it is so full that it seems to be all flowers. The pure waxy-white blossoms emit a delicate yet powerful fragrance, which is surpassed by no other flower. Fine plants, 15c each; extra large plants, 25c and 50c each.

OXALIS ORTGIESI—GOLDEN STAR OXALIS

A perpetual bloomer in every sense of the word. It is in full bloom every day in the year when grown in a pot of good soil and with ordinary care. It grows as freely as a Geranium in any situation. It is a shrubby plant, like a Geranium or Fuchsia without bulbs, in which respect it differs from other Oxalis. It grows from 12 to 18 inches in height, branching freely and loaded at all times with clusters of bright, golden, star-shaped flowers, which do not close at night like other Oxalis. Beautiful as the flowers are, it is a splendid plant without them, on account of its highly ornamental foliage. The leaves are three-lobed, dark olive-green above, and a beautiful shining metallic crimson-purple underneath, and wine-colored stems. 15c each, 2 for 25c.





Canna Eldorado

THE CHOICEST ORCHID-FLOWERING CANNAS

Remarkable for Large Flowers, Magnificent Colors and Heavy Foliage.

THE VARIEGATED CANNA, SOUV. D'ANTOINE CROZY. (3 to 5 ft.) Intense scarlet, bordered with a band of deep golden-yellow. 15c each; 3 for 40c; \$1.50 per dozen.

MADAME CROZY. (3 to 4 ft.) Brilliant vermillion-scarlet, bordered with deep golden-yellow. 15c each; 3 for 40c; \$1.50 per dozen.

AMERICA. (4 to 4½ ft.) Flowers are enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple. 15c each; 3 for 40c; \$1.50 per dozen.

AUSTRIA. (5 to 6 ft.) Giant Golden Lily-Flowering Canna; golden-yellow flowers. 15c each; 3 for 25c; \$1.00 per dozen.

ALLEMANIA. (5 to 6 ft.) Flowers gigantic in size. Orange-scarlet, with a very broad, golden-yellow border. 15c each; 3 for 25c; \$1.00 per dozen.

ORNAMENTAL-LEAVED BRONZE CANNAS

KING OF THE CANNAS, KING HUMBERT. New Italian Orchid-Flowering Canna. Highest type of flower with the finest bronze foliage. Its flowers are of a brilliant orange-scarlet with bright red markings, while the foliage is broad and massive. Strong plants, 25c each; \$2.50 per doz.

EGANDALE. (4 to 5 feet.) One of the finest dark-leaved Cannas. Foliage good, habit sturdy. The color is a deep currant-red. 15c each; \$1.50 per doz.

SHENANDOAH, THE NEW PINK. (3 to 3½ feet.) First bronze-leaved, with a pure pink flower. Flower is large and very pretty. 15c each; \$1.00 per doz.

MT. ETNA. (3½ feet.) A fine bronze-leaved bedder. Foliage deep dull currant-red. Flowers brilliant scarlet. 15c each; \$1.00 per doz.

CANNA GIGANTIA, or ROBUSTA. Beautiful bronzy foliage, immense leaves, the largest and tallest of all Cannas. Flowers red; excellent for centers of beds and background for other planting. 15c each; \$1.50 per doz.

CHOICE BEDDING CANNAS

THE CRIMSON CANNA, DUKE OF MARLBOROUGH. (3 to 3½ feet.) The darkest flowered Canna in existence; deep crimson-maroon; four feet. 15c each; \$1.50 per doz.

ELDORADO. (3 to 3½ feet.) Flowers are pure golden-yellow, speckled with a red; ideal. 15c each; \$1.50 per doz.

SECRETAIRE CHABANNE. Green foliage. Color is a beautiful orange with deeper shadings. 15c each; \$1.50 per doz.

LOUISIANA. (Height 3½ to 4 feet.) Vigorous grower. Flowers are a vivid scarlet. 15c each; \$1.50 per doz.

BLACK PRINCE. Large flowers of a vivid crimson color; compact, bushy growth about three feet; exceptionally fine. 15c each; \$1.50 per doz.

CHARLES HENDERSON. (2 to 2½ feet.) Bright crimson, with pencillings of golden-yellow at center. About four feet in height. 15c each; \$1.50 per doz.

NEW CANNA NIAGARA

CRIMSON AND GOLD. Great handsome trusses; broad, thick durable petals; color, rich deep crimson with a wide irregular border of deep golden yellow. 25c each, 3 for 70c, 12 for \$2.50.

NEW CANNAS OF MERIT

THE GRAND GREEN-LEAVED CANNA VENUS. (4 ft.) The color is a gay, rosy-pink with a mottled border of creamy-yellow. Green foliage. Strong plants, 25c each, postpaid; 3 for 70c; 12 for \$2.50.

THE BRONZE-LEAVED CANNA WILLIAM SAUNDERS. (4½ ft.) The flowers are a bright scarlet, produced in great clusters, often a foot across and each on branching stems about four feet high. Strong plants, 35c each, postpaid; 3 for 95c; \$3.50 per dozen.

SNOWY WHITE CANNA MONT BLANC. (3½ ft.) By all odds the finest White Canna. Contrasts finely with the crimson and pink varieties, making most gorgeous and showy flower beds for the lawn. Strong plants, 20c each, postpaid; 3 for 55c; \$2.00 per dozen.

GLADIATOR. (5 ft.) Flowers yellow spotted with rich scarlet. Plants, 20c each, postpaid; 3 for 50c; \$1.75 per dozen.

DAVID HARUM. (3 ft.) Bronze leaved; flowers of bright vermillion-scarlet mottled with deep red. Plants, 20c each, postpaid; 3 for 50c; \$1.75 per dozen.

J. D. EISLE. (3½ ft.) Bright vermillion-scarlet. 20c each, postpaid; 3 for 40c; \$1.50 per dozen.

MARTHA WASHINGTON, The New Pink Canna. (2½ to 3 ft.) Pure pink; exceptionally fine. Plants, 25c each, postpaid; 3 for 40c; \$1.50 per dozen.

PENNSYLVANIA. (6 ft.) Intense vermillion-scarlet, overlaid with an orange sheen; foliage rich green. 15c each; 3 for 40c.

BURBANK. (2 to 2½ ft.) Green foliage, flowers rich canary-yellow, spotted crimson. 15c each; 3 for 25c; \$1.00 per dozen.

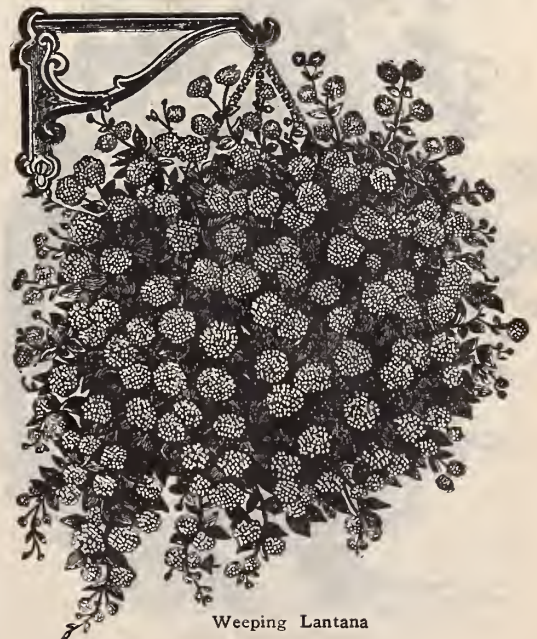
ITALIA. (3 to 4 ft.) Gorgeous flowers of golden-yellow with a large blotch of orange-scarlet. 15c each; 3 for 40c; \$1.50 per dozen.

QUEEN CHARLOTTE. (Height 2½ feet.) Flowers bright orange-scarlet, deeply edged with bright canary-yellow. 15c each; \$1.00 per doz.

FLORENCE VAUGHAN. (Height 3 to 4 feet.) Flowers large; color brilliant yellow, spotted with bright red. 15c each; \$1.00 per doz.

WEeping LANTANA

The plant has a most graceful, drooping habit, grows very rapidly and blooms continually summer and winter, producing large clusters of flowers of the most delicate lilac or rosy-pink. Strong plants, 15c each, 2 for 25c; \$1.00 per doz., postpaid.



Weeping Lantana

GERANIUMS

STANDARD DOUBLE GERANIUMS

15 cents each; any three for 40 cents; \$1.50 per dozen, postpaid

Buckner—Flowers white. Heteranthe—Clear vermilion-red. S. A. Nutt—Dark crimson. Theocrite—Rose-violet shadings. Beaute Poitevine—Rosy-salmon, streaked carmine. J. B. Varonne—Vermillion, spotted. Alphonse Ricard—Orange-red. La Soliel—Rich scarlet. La Favorite—White. White Swan—White.

NEWER DOUBLE GERANIUMS

20 cents each; any 3 for 50 cents; \$1.50 per dozen

Mrs. Lawrence—Bright satiny salmon-pink, slightly tinged white. Peter Henderson—Color poppy-red. Double Dryden—Center coral-white, shading to crimson. Mme. Jaulin—Color peach-pink surrounded by border of white. Jean Viaud—Color bright rosy-pink, with white blotches in center. E. H. Trego—Deep scarlet. Francis Perkins—Pink. Madame Louise Abbenia—Shell-pink, shading to salmon.

FANCY-LEAVED GERANIUMS

SILVER-LEAF GERANIUM MRS. PARKER. Double-flowering. Flower is perfectly double and of a clear, bright pink. 20c each; \$2.00 per doz., postpaid.

GOLDEN TRICOLOR MRS. POLLOCK. Very distinct in its markings, having a bright bronzy-red zone, belted with crimson and edged with golden-yellow. 15c each; \$1.50 per doz.

MADAME SALLEROI. Foliage bright green, edged with pure white. Very attractive. 15c each; \$1.00 per doz.

TRICOLOR GERANIUM HAPPY THOUGHT. Dark green foliage, having a light creamy, almost white center, with a dark zone; flowers bright scarlet. 15c each; \$1.00 per doz.

SILVER-LEAF GERANIUM WM. LANGGUTH. Double-flowered. Color bright scarlet. Foliage is beautiful, broadly marked with silvery-white. 20c each; \$2.00 per doz.

MOUNTAIN OF SNOW. Fine, strong grower; broad silvery-white margin; flowers are scarlet; good for bedding. 15c each; \$1.50 per doz., postpaid.

IVY GERANIUMS

IVY GERANIUM MRS. BANKS. White. 25c each, 3 for 60c.

IVY GERANIUM BALLADE. Lilac. 25c each, 3 for 60c.

GERANIUM ALLIANCE. Lilac-white. 25c each, 3 for 60c.

GERANIUM CAESAR FRANCK. Crimson with shading of rose at base of petals. 25c each, 3 for 60c; \$2.50 per doz., postpaid.

GERANIUM HECTOR GIACOMELLI. Rose-pink. 25c each, 3 for 60c; \$2.00 per doz., postpaid.

THE SPLENDID NEW IVY GERANIUM MRS. HAWLEY. Bright pink. 15c each; \$1.50 per doz.

NEW DOUBLE GERANIUM JOAN OF ARC. Flowers white. 15c each; \$1.50 per doz.

LAROSAIRE. Double; pink. 15c each; \$1.50 per doz.

INCOMPARABLE. Rosy-carmine. 15c each; \$1.50 per doz.

P. CROZY. Scarlet. 15c each; \$1.50 per doz.

IVY GERANIUM MRS. J. G. DAY. Rosy-crimson. 15c each; \$1.50 per doz.

VARIATED IVY GERANIUM LE ELEGANTE. Green foliage. White flowers. 15c each; 3 for 40c; \$1.35 per doz.

FLOURENS. Salmon. 15c each; \$1.50 per doz.



Geranium Mrs. Pollock

GOLDEN-BRONZE GERANIUMS

15 cents each; any three for 40 cents

BRONZE BEDDER. Foliage bright golden-yellow, with scarlet blossoms. Stands the sun well.

BLACK HAWK. Golden-yellow, with broad red zone; red flowers.

BISMARCK. Foliage yellowish-green, with narrow zone of deep chocolate; flowers salmon, tipped white.

FANNY. Golden foliage, peach-colored blossoms.

MAGICIAN. Flowers orange-scarlet; foliage fine.

MARSHAL McMAHON. Golden-yellow, with a zone of dark chocolate; fine large foliage; a splendid bedder.

JASMINES

GRACILLIMUM. Remarkable for its freedom of bloom. Beautiful pure white flowers, borne in clusters. Delightfully fragrant. In bloom from October to February. We have two sizes of this delightful Jasmine. Nice plants, 15c each; large plants, 35c each.

CAPE JASMINE. The well-known variety, grows into a fine, large bush; fine, rich, glossy foliage, and large double flowers of delicious fragrance. 25c each.

MAID OF ORLEANS. A very attractive sort, with good-sized double flowers, blooming profusely all summer; shining pale-green foliage. Much easier to handle than other Cape Jasmynes, and, on the whole, more desirable. Nice plants, 15c each; large plants, 25c each.

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, one of the most valuable and popular pot plants known. It can be stored in a dry cellar in winter. 15c, 25c and 50c, according to size; all good plants.

THE YELLOW JASMINE. There is not an easier-grown or more beautiful climber in cultivation for the window, succeeding in almost any situation. It is quick-growing, has beautiful shining evergreen foliage, and completely loads itself with its beautiful golden-yellow, exquisitely sweet-scented, funnel-shaped flowers. 15c each; fine large plants, 25c each.

THE WHITE JASMINE (Grandiflorum). A beautiful plant, with small, glossy, evergreen foliage, handsomely arranged on long, graceful branches, which are inclined to vine. It blooms in the fall and winter, bearing in the greatest profusion small, pure white flowers of a spicy fragrance, which is truly delicious. A splendid house plant. 15c each; large plants, 25c each.

JASMINE MALAYAN. Now that climbers are so much in vogue, we are pleased to be able to offer this sort, knowing that it will delight every purchaser. To be able to have the most delicate, sweet-scented and pure white, waxy-like flowers in profusion almost the whole year round, and dark evergreen foliage to set them off to advantage, is something that cannot be had from other plants. It blooms more profusely in winter than any other time, making it a most desirable house plant. 15c and 25c.



Jasmine Grand Duke

OUR SWEET-SCENTED GARDEN HELIOTROPES

15 cents each; any 3 for 40 cents; \$1.50 per doz., postpaid

ALBERT DELAUX. Foliage is a bright golden-yellow, marked slightly with a delicate green.

MADAME BRUANT. Immense panicles of very large flowers, a rich purple with large white eyes.

CZARINA. A beautiful new dark Heliotrope of exceptional qualities.

FLORENCE NIGHTINGALE. Always healthy; flowers bright lavender.

MADAME DE BLONAY. Large trusses of pure white flowers.

NEW GIANT FLOWERED (Picciola). Compact and bushy. The flowers are very large and of a dark Heliotrope color.

NEW HELIOTROPE CENTEFLEUR. This new variety is the result of efforts made by our most expert plant growers to improve the Heliotrope. It is a result that has surpassed the greatest expectations. The size of the foliage and flowers are doubled and the general habit of the plant is very compact and bushy. The flowering heads sometimes measure fifteen inches across. 15c each, 3 for 40c.

MOONFLOWERS

Ipomea Maxima—Wonderfully fragrant; a decided improvement over the old variety. 15c each, 2 for 25c, postpaid. **Ipomea Learii**—Flowers about four inches across, of a rich violet-blue; grows about twenty-five feet in one season. 15c each, 3 for 40c, postpaid.

CROWN OF THORNS

Euphorbia Splendens. A curious plant, with thick, fleshy twining stems, which are covered with stout, sharp spines nearly an inch long. The foliage is bright green and the flowers are a beautiful coral-pink, very pretty in bloom. 15c each, 3 for 40c, postpaid.

COBEA SCANDENS

Cup and Saucer Vine. A beautiful climber of rapid growth, large purple cup-and-saucer-shaped flowers. For covering arbors, trellises, etc., it is unsurpassed; will cling to any rough surface. 15c each; \$1.40 per doz.



Heliotrope Czarina

THE ROYAL PURPLE PLANT

Strobilanthes Dyerianus. This plant will undoubtedly become universally popular on account of its brilliant and exquisite coloring, its extraordinary easy growth and usefulness as a decorative plant. It surpasses the finest Coleus, Begonia or Bertolonias, in the exquisite coloring of the leaves, besides which the long racemes of lovely violet blossoms with which the plant is covered in mid-winter, greatly enhance its value, beauty and usefulness. The undulation on the surface of the foliage is furnished with a bluish metallic hue, shading into light rose with a light green margin. It will prove a valuable acquisition, both as a bedding and decorative plant. 15c each.

MCGREGOR'S BEDDING LANTANAS

We have few bedding plants that bloom more continuously or afford a greater variety of colors than the Lantanas. 15c each; 3 for 40c, postpaid.

ALBA PERFECTA. Pure white; compact habit.

PLEUR DE OR. Flowers a pure orange color.

HARKETT'S PERFECTION. Variegated yellow flowers.

MICHAEL SCHMIDT. Flowers yellow, passing a purple-
vermillion.

MONFECT. Lilac, with pinkish center.

GRAND SULTAN. The best of the deep red varieties.

LEO DEX. Large, purple-red flower.

ACALYPHA TRICOLOR

Beautiful red foliage with blotches of crimson-bronze. This plant is planted in beds, making it equal to any variety of Coleus for an attractive bed. 15c each, 50 for \$3.00.

ACALYPHA SANDERII

The Chenille or Comet Plant. Leaves are dark green, from the axil of each of which springs a long, drooping spike of glowing crimson-scarlet, nearly an inch in diameter and from eighteen to twenty-four inches long, very velvety in texture, reminding one of a long piece of brilliant chenille. 15c each.

ACALYPHA MARGINATA

Dark bronze, with rose margined foliage. This variety equals the showiest varieties of Coleus in effect. 15c each.

MEXICAN PRIMROSE

A charming basket or pot plant. Flowers of a beautiful, bright, clear pink color, veined with scarlet, and with a bright center. The superb color, combined with airy grace and beautiful form, goes to make a flower which is in beauty perfection itself. The plant seldom grows over ten inches in height, but inclines to a trailing habit, spreading its branches out over the ground, or drooping over the sides of the pot.

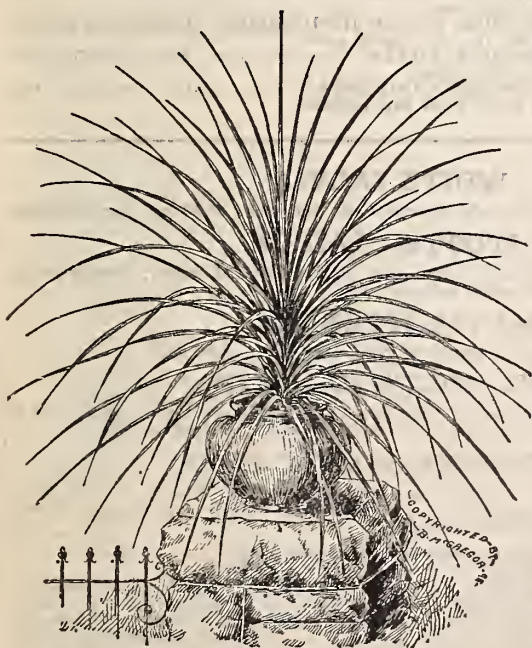
PEACH BLOSSOM PRIMROSE. Beautiful pale pink or peach blossom; a stronger and better grower than the old variety. 15c each, 2 for 25c.

LEMON VERBENA

A universal and well-known favorite, grown principally for its deliciously scented foliage. 15c each; \$1.40 per doz.

DRACENA INDIVISA

One of the most popular plants for house decoration or for the center of lawn vases. As a single specimen plant for a jardiniere in a hall or drawing room it has no equal. It is more graceful than a Palm, and because of its slender, drooping leaves is often called a "Fountain Plant." The leaves are of several shades of green, with delicate stripings of yellow and red, which become marked as the plants grow older. It grows rapidly, is adapted to the close atmosphere of the house, and is very inexpensive. We offer two sizes of this desirable plant. Nice plants, 15c each; large plants, 25c each.



Dracena Indivisa

THE WONDERFUL PONDEROSA OR AMERICAN WONDER LEMON

Nothing that has ever been brought to our notice in the plant line has caused on-half the commotion that this wonderful Lemon has. It is a true ever-bearing variety. The tree has fruit in all stages of development from the size of a pea up to the ripe fruit, showing it to be a true ever-bearer. Fruit has been taken from a tree weighing over four pounds.

In addition to its fruit-bearing qualities it makes a very handsome plant for house culture. The dark green foliage is very large and handsome, and the pure waxy flowers with yellow stamens are nearly as fragrant as Orange Blossoms, which they greatly resemble.

The Lemons have a very thin rind for such large fruit and are full of rich acid juice, and are fully equal to eight or ten ordinary Lemons.

No budding or grafting is necessary. The plant is of very easy culture, flowering and fruiting in ordinarily good soil. 15c each; larger plants, 25c each; extra large 2-year plants, 50c each.

FICUS ELASTICA

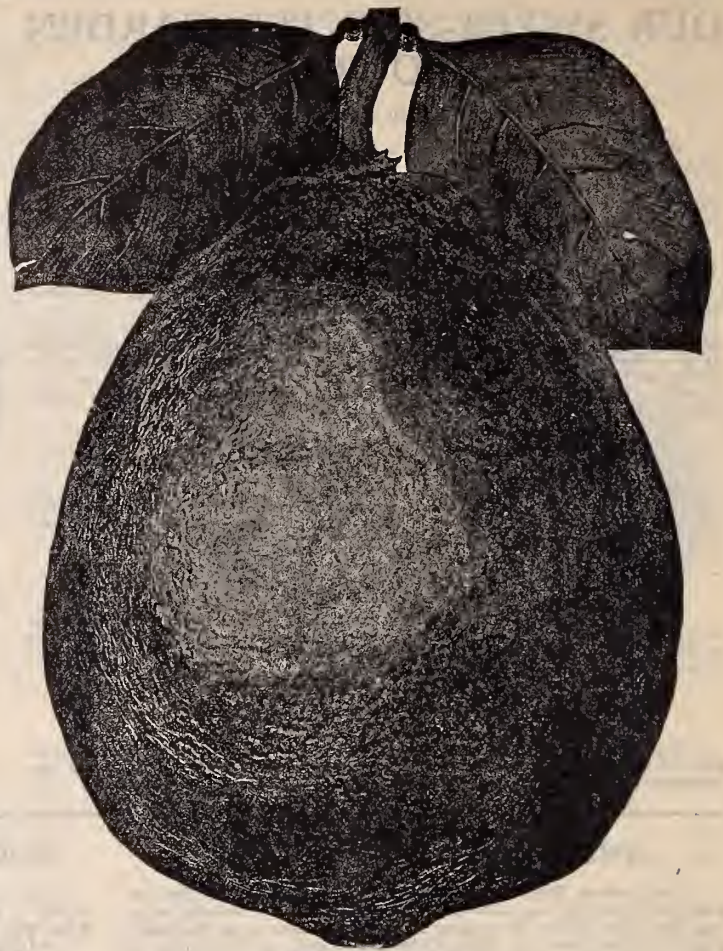
India Rubber Tree. Very large, smooth, leathery leaves, evergreen foliage. Generally esteemed one of the finest house plants grown, the plant attaining a large size and tree-shape. Each new leaf is enclosed in a long, coral-red envelope, looking like a great red flower bud. A very fine plant for the lawn or bay window. Fine plants, 50c and 75c each.

SWAINSONIA GALEGIFOLIA ALBA

A very distinct climbing plant for house culture and protected spots in the garden. The habit of growth is extremely graceful, and the vines, trained up at the side of a window or on a trellis, present a lovely sight of light green, feathery foliage, and a splendid profusion of pure white sprays of fairy-winged flowers, somewhat resembling Sweet Peas in form. Easily grown, and under favorable conditions, it is almost a perpetual bloomer. There is certainly no climbing vine for house or conservatory culture today that is more desirable than this fine, new plant. Fine plants, by mail, 20c each.

HELIANTHUS MULTIFLORUS

The Double Golden Sunflower. A double perennial "Sunflower." It is a great addition to our hardy herbaceous plants. Its dark, golden-yellow color is both fashionable and beautiful for cut flowers, and planted singly or in clumps on the lawn, it gives a splendid effect. The plant grows about three or four feet high, bearing numerous large golden heads of flowers as large as Dahlias, and continuing in bloom until frost. Give it a trial, and you will be surprised and delighted to find how beautiful it is—never needs to be replaced, as it is a hardy perennial, coming up every year. 15c each, 3 for 40c.



American Wonder Lemon

DOUBLE FRINGED PETUNIAS

15 cents each; 2 for 25 cents

We have succeeded in getting the finest strain or set that we have ever offered.

PINK BEAUTY. Large, clear pink.

MAJESTIC. Deep purple.

STORM KING. Pure white; double.

GEM. Variegated, white and crimson.

VESUVIUS. Very dark.

SEAFOAM. Best white.

ACHILLEA. Purple, mottled white.

FAVORITE. Beautiful lavender.

OLEANDERS

15 cents each; 2 for 25 cents, except where noted

These old-fashioned shrubs are becoming immensely popular again. No plant makes more handsome specimens in tubs for the veranda or yard. Can be wintered in the cellar.

OLEANDER ROSEA. Has double pink flowers. The old favorite. Very sweet.

OLEANDER LILIAN HENDERSON. Double white flowers; fragrant like the old double pink.

OLEANDER LUTEA. Strong grower, flower double, color beautiful golden-yellow.

OLEANDER VARIEGATA. Very striking; variegated foliage. 20c each; 3 for 50c, postpaid.



Salvia Splendens

WHITE SALVIA

Identical with Splendens, only white flower. 15c each; \$1.50 per doz., postpaid.

SPOTTED SALVIA

Audubon. A very striking variety with yellow blotched leaves; flowers bright scarlet. 15c each; \$1.50 per doz., postpaid.

SALVIA SPLENDENS

Flowering Sage. Too well known to need description. 15c each.

SAGE, HOLT'S MAMMOTH

Plants of strong growth; leaves very large, borne well above the ground, are of unusual substance, strong flavor and superior quality. 15c each, 3 for 40c.

CENTAUREA GYMNOCARPIA

Dusty Miller. Almost too well known for description. This is the old Dusty Miller used for edging beds of Coleus, Geraniums, Cannas, etc. Leaves silvery-white. 10c each; \$1.00 per doz., postpaid.

MANETTIA BICOLOR

This is the most beautiful and desirable of all vines, as it can be grown either in the house or garden equally as well. In the house it can be trained about a window, forming a wreath of the most brilliant bloom both summer and winter. The flowers are from an inch to an inch and a half in length, of a most intense scarlet, shading into flame, tipped with bright golden-yellow, and are covered with a thick scarlet moss. 15c each.

ABUTILONS

CHINESE BELL FLOWER, OR FLOWERING MAPLE



Grevillea Robusta

ECLIPSE. Fine for baskets and vases, trailing in habit. Its foliage is very attractive, beautifully marked dark green and yellow. Flowers bright yellow with crimson throat. 15c each.

SNOW STORM. It is a remarkably strong grower, standing the hottest rays of summer, and always a mass of bloom. The large bell-shaped flowers, as the name implies, are snow-white. 20c each, 3 for 50c.

THE NEW VARIEGATED ABUTILON SAVITZI. Best of all variegated Abutilons. Foliage bright, pleasing green, broadly edged with white. The variegation is very much whiter than Souvenir de Bonne, often the white predominating. This is really a beautiful plant, and one of the finest variegated plants ever sent out. 15c each, 2 for 25c.

THE NEW GOLDEN-FLOWERED ABUTILON GOLDEN FLEECE. A bright golden-yellow Abutilon of strong, vigorous habit and very free-flowing. 25c each.

A SPLENDID SCARLET ABUTILON SCARLET GEM. A bright, flaming scarlet Abutilon; strong, robust grower, standing the hottest rays of the sun. 15c each.

SOUVENIR DE BONNE. Bright green foliage, distinctly edged with a broad band of creamy-white and yellow flowers, very large, on stems eight to nine inches in length; color bright orange-red. 15c each.

SILK OAK TREE

Grevillea Robusta. A magnificent plant for decorative purposes, of rapid, easy growth, fully cut foliage, rivaling a rare fern. The young, growing leaves are a light brown color, the tips being covered with a soft down, closely resembling raw silk, hence the name "Silk Oak." In its native place it attains magnificent proportions and produces an abundance of bright, orange-colored flowers. We offer three sizes of this beautiful plant. Nice plants, 15c each; a large size plant, 25c.

GENISTA CANARIENSIS

Fountain of Gold. This beautiful plant well deserves the great popularity it has gained in the past two years. The drooping branches are covered with delicate sage-green foliage, and every twig tipped with a long raceme of exquisite pea-shaped blossoms of a pure canary color, almost hiding the foliage, and suggesting the name, "Fountain of Gold." 15c each, 2 for 25c.

UMBRELLA PLANT

Cyperus Alternifolius. An ornamental grass throwing up stems about two feet high, surmounted at the top with a whorl of leaves, diverging horizontally, giving it a very curious appearance. Splendid for the center of vases or as a water plant. 15c each.

SANSEVIERIA ZEYLANICA

A NEW DECORATIVE PLANT OF GREAT VALUE

There is scarcely a decorative plant listed that is more striking in foliage and habit than this, and certainly none other that stand as much downright neglect and hardship as well as this. Nothing but frost or continued drenching with water has terrors for it. It will grow in a dark hall, a cool bedroom, or stand on the mantel in a heated sitting room. It will stand gas and dust, and will go for months without a drop of water, yet remain as thrifty as ever. Singularly beautiful, as well as easily grown. Erect, rigid, sword-like leaves, in some old specimens reaching a length of from four to six feet. The leaves are thick and fleshy, a dark green color with clouded bars of white. 15c each.

CHINESE MATRIMONY VINE

A strong and vigorous hardy climbing plant, and in a short time after planting is covered with bright purple flowers, which are succeeded by bright brilliant scarlet berries nearly an inch long, and every branch being covered with them. The berries ripen in autumn and remain on the vine into the winter. 15c each.

WANDERING JEW

Tradescantia Multicolor. Most beautifully variegated purple, scarlet and white. 15c each.

HIBISCUS

Large-growing tropical plants, with very glossy foliage. The plants, under the hottest sun, produce noble specimens. They can be grown in tubs and kept for years. The blossoms average five or six inches in diameter, and are gorgeously colored. A very good way to make them bloom freely, and to facilitate the lifting in the fall, is to transplant each plant into a pot two or three sizes larger than it has grown in, then plunge the pot altogether in the ground, the soil to cover the surface one or two inches. Then in the fall the plant can be lifted without injury. Fine, strong plants, 15c each.

AURIANTICA. Large, double, orange-colored flowers; an early and profuse bloomer.

COLLERII. A remarkably distinct variety, introduced from the South Sea Islands. Flowers of a buff-yellow, with a crimson-scarlet base, and peculiarly handsome.

CARMINATUS PERFECTUS. Full, round flower of perfect shape, and of a rich, soft carmine-rose, with a deep crimson eye. A beautiful free-blooming variety.

SUB-VIOLEACEOUS. Flowers of enormous size, of a beautiful carmine, tinted with violet; probably the largest flower of the Hibiscus family, and an unusually free bloomer.

GRANDIFLORA. Rich, glossy foliage, blooming profusely through the summer, literally covering the plant with scarlet-crimson flowers.

MINIATUS SEMI-PLENA. Large, semi-double brilliant and attractive; bright vermilion-scarlet; ought to be in every garden.

VERSICOLOR. A variety combining in its flowers all colors of the whole family, being handsomely striped crimson, buff, rose and white.

PEACH BLOW. Flowers double, of a rich, clear pink color, with small deep crimson center.

LINUM TRIGYNUM

A winter-blooming plant of great beauty, producing in the greatest profusion very large and very showy blooms of a bright yellow color. The flowers are about the size of a Morning Glory, and no matter how small the plant is it will bloom profusely, and each year as it grows into size it becomes more beautiful. 15c each, 3 for 40c.



Umbrella Plant

FLOWERING BEGONIAS

THE MOST POPULAR VARIETIES

Price, 15 cents each; 3 for 40 cents; \$1.50 per dozen, except where noted

BEGONIA ALBA PICTA. Long slender, lance-shaped leaves on short stems, thickly studded with silvery-white.

BEGONIA MARGUERITE. Leaves bronzy-green, somewhat resembling Metallica; large trusses of light rose-colored flowers freely produced.

BEGONIA ROBUSTA. The flowers are almost pure white, a distinct pink stripe in the center of each, enlivened with golden anthers.

BEGONIA THURSTONI. Bright red foliage, shading to red in the younger growth. The flowers are a beautiful deep pink. 15c each; \$1.25 per doz.

METALLICA. Leaves triangular; metallic or bronze color, veined darker; flowers white. 15c each; \$1.25 per doz.

BEGONIA ARGENTEA GUTTATA. Purple-bronze leaves, oblong in shape with silver markings; white flowers in bunches on ends of growth stems. 15c each; \$1.25 per doz.

BEGONIA RUBRA. Dark, glossy green leaves, combined with its free-flowering habit. The flowers are scarlet-rose color. 15c each; \$1.25 per doz.

BEGONIA PRESIDENT CARNOT. Remarkably strong growing, stiff, upright habit; flowers beautiful coral-red, in large pendant panicles. 15c each; \$1.25 per doz.

BEGONIA ERFORDIA. There is no equal to it for outdoor blooming. One of the most prolific bloomers in the Begonia family—it is continually covered with rosy-salmon flowers.

BEGONIA REX

Speculata—Bright green, with a background of chocolate, spotted with silver. 15c each, 3 for 40c. **Lesoudsii**—A cross between Begonia Diadema and a Rex variety; very attractive. 20c each, 3 for 50c. **Rubrum**—The leaf has a pinkish-metallic luster; most attractive; a vigorous grower. 20c each, 3 for 50c. **Lord Palmerston**—Leaves extra large with bronze center, silver band and irregular bronze border. 20c each, 3 for 50c. **Magnifica**—Leaves immense size; color chocolate-brown tinted green. 20c each; 3 for 50c. **Roi Ferd Major**—Extra large leaf. 15c each, 3 for 40c. **Ruth Findlay**—A short, bushy-growing variety; silver streaked with green. 15c each; 3 for 40c.



Begonia Thurstoni

THE STRAWBERRY GERANIUM

A LOVELY PLANT FOR BASKETS AND VASES

One of the handsomest plants imaginable, a gem of many colors, exceedingly rare and beautiful. Leaves nearly round, and striped freely with silver bands; blooms white, of great beauty and borne in spikes nearly 12 inches high; of easiest growth. Adapted for hanging baskets, vases, etc. Will stand neglect and mistreatment and grow very rapidly either in sunny place or shade. 15c each, 3 for 40c, postpaid.

McGREGOR'S MAMMOTH VERBENAS

IN SEPARATE COLORS

Most useful and popular plants for bedding, affording constant bloom and a variety of colors and markings. The simplest culture and management. We offer them in the colors, pink, white, variegated, blue, red and scarlet. 15c each.



Fuchsia Mad. Van Der Strass

THE WONDERFUL NEW GIANT MOONFLOWER

WONDERFULLY FRAGRANT

Ipomea Maxima. This grand new Moonflower is a decided improvement over the old standard variety *Ipomea Grandiflora*. The flowers are more than twice the size of the old variety, oftentimes measuring from six to seven and one-half inches across, and are produced in such wonderful profusion that they completely cover the vine with a veil of glistening white. 15c each, 2 for 25c.

THE BLUE MOONFLOWER

Ipomea Learii. (From Ceylon.) Often flowers in bunches of a half dozen; the flowers are trumpet-shaped, about four inches across, of a rich violet-blue, with five purple rays. Grows about twenty-five feet in one season, and is a most attractive climber. 15c each, 3 for 40c.

McGREGOR'S BEST WINTER FLOWERING FUCHSIAS

BLACK PRINCE. This is the very finest Fuchsia grown for the amateur to cultivate. Blossoms of a beautiful waxy-carmine. 15c each, 3 for 40c.

DOUBLE WHITE ROSAINS PATRI. Tube and sepals are brilliant deep scarlet, thick and leathery in texture; corolla is very large, double and pure white. 15c each, 2 for 25c.

PHENOMENAL. The largest-flowered Fuchsia in cultivation. The flowers are of enormous size, sepals bright scarlet, with rich violet-purple corollas, very double. 15c each, 3 for 40c.

WHITE PHENOMENAL. The flower is large and very double. It is a free bloomer and an exceptionally easy variety to grow. 15c each, 3 for 40c.

MONSTROSA. Tube and sepals are a bright rich reddish-crimson color; corolla extra large, full and double; flower of the largest size; robust, upright growth. 15c each, 3 for 40c.

TRAILING QUEEN. Differs from other large-flowering varieties in its habit of growth, as it is a trailing vine. The flowers are borne in large clusters. 15c each, 3 for 40c.

PURPLE PRINCE. Double; sepals scarlet; corolla a beautiful distinct blue; very dwarf. 15c each, 3 for 40c.

SAPLEY FRERES. Erect grower; very large flower; corolla very double, of rosy-violet; long, recurving sepals of bright coral-red. 10c each, 3 for 25c.

ELM CITY. Sepals a rich crimson; corolla deep purple and very double; free-flowering and easy to grow. 15c each, 2 for 25c.

THE FREE-FLOWERING SPECIOSA. Habit erect; attractive as a pot plant. Fine star-shaped flowers. Tube and sepals bright rose; corolla brilliant carmine. 15c each, 3 for 40c.

MME. VAN DER STRASS. Sepals long and reflexed; pure red; corolla large; double white. 15c each, 2 for 25c.

PLUMBAGOS, RED, WHITE AND BLUE

PLUMBAGO CAPENSIS. (Blue.) Large light blue flowers. Always in bloom. 15c each.

PLUMBAGO CAPENSIS FLORA ALBA. (White.) The exact counterpart of *Plumbago Capensis*, except in color. 15c each.

HARDY PLUMBAGO LADY LARPENT. Grows in compact clumps and from the middle of July until severe frost is covered with lovely rich, violet-blue colored flowers, borne in close terminal heads. 15c each.



Asparagus Plumosus

ASPARAGUS SPRENGERI

Not only is it useful for cutting in sprays for fine cut-flower work, more particularly in connection with large Roses, etc., but grown in suspended pots it makes one of the prettiest decorative house plants we know of. Used in decorations of mantels, nothing can equal it. It is also a handsome thing for ferneries and hanging baskets. 15c each, 3 for 40c; large plants, 25c each, 3 for 60c.

OLEA FRAGRANS

The Olea Fragrans is a fragrant house plant with deep green foliage, similar to Camelia, and bears small clusters of delicate white flowers in great profusion during the fall and winter, highly odoriferous both in foliage and flowers. The perfume of a single plant is sufficient to fill a conservatory or room. Nice plants, 50c each.

SMILAX

This very great climber is a great addition to our basket plants, possessing the rare qualities of delicate and tolerably dense foliage and vining habit, admirably adapting it to clinging or drooping, as may be required. For using for a green with cut flowers it has no equal, its hard texture enabling it to keep for several days without wilting after being cut. It is also fine as a parlor or window plant. 15c each.

RUSSELLIA JUNCEA

This plant has long, wiry, leafless stems, which grow in graceful, drooping masses, flowing like hair. On these bare stems are borne quantities of long, tubular flowers of the most vivid scarlet color, something like a Manettia bloom, but more numerous. It is a novel and beautiful plant, suitable either for beds in summer or for pot culture. In pots it blooms the entire year, especially during the winter and early spring months. The great drooping masses of bloom are like a fountain of coral, scarlet and green. In the South it is one of the very easiest of all plants to grow, and certainly one of the most brilliant and persistent bloomers. It is a valuable addition to our standard list of best plants. 15c each.

ASPARAGUS PLUMOSUS NANUS

One of the handsomest of our foliage plants. The leaves are a bright green, gracefully arched, and as finely woven as the finest silken mesh. Their lasting quality, when cut, is remarkable, retaining their freshness for weeks, hence it ranks as the most valuable plant we have for this purpose, surpassing Maiden Hair Fern in grace, fineness of texture and richness of color. It is one of the finest decorative vines recently introduced; by many florists it is used instead of smilax; as easily grown and very much more beautiful on account of its light feathery growth. Nice plants, 15c each, 2 for 25c; large plants, 25c each, 3 for 60c.

DOUBLE AND SINGLE SWEET SCENTED VIOLETS

NEW VIOLET PEACOCK. This is an entrancingly beautiful new Violet; the markings of its charming colors are difficult to describe. The prevailing color is white, with delicate tracings and markings of sky-blue; distinctly novel. 15c each; \$1.50 per doz., postpaid.

NEW SINGLE VIOLET PRINCESS OF WALES. This variety is far ahead of any other single Violet known. The grand single flowers of a true violet-blue color that does not fade, and of the richest, most delicious fragrance. 15c each; \$1.00 per doz., postpaid.

SWANLEY WHITE. A sport of Marie Louise, the same growth, the same freedom of flowering, the same perfect perfume, and the individual flower equally as large and of the purest white. 15c each; \$1.50 per doz., postpaid.

LADY CAMPBELL. Double purple, similar in growth and shape of flower to Marie Louise, but color a little lighter; very good for cut-flower planting. 15c each; 3 for 40c; \$1.50 per doz.

MARIE LOUISE. Bold, fine flowers, very fragrant and very prolific. The color is of a dark blue; flowers double. This is the favorite double or blue Violet. 15c each; \$1.50 per doz., postpaid.

BRILLIANT COLEUS

Coleus will give more pleasure at less cost than any other plant. The varied tints of crimson, gold-bronze, and green, and richly blotched, veined or margined colorings, produce a brilliancy unequalled. The Coleus is the gardener's paint box, bearing all the colors on its leaves, ready to be disposed in whatever ornate and parti-colored designs we may choose to display upon our lawns and parterres.

Any one of the following varieties. 8c each, 6 for 40c; 25 of any variety, \$1.40.

SENSATION. Large-leaved variety; crimson-maroon, center light red.

VERSCHAFFELTII. Dark maroon, center spotted yellow, yellow border.

YELLOW BIRD. Strong grower; golden-yellow.

PURPLE PRINCE. Soft velvety purple.

EMPRESS OF INDIA. Light maroon center, edge of leaf bordered with yellow.

GOLDEN BEAUTY. Dwarf yellow.

DUNEIRA. Various shades of crimson, leaves very large.

PERFECTION. Large-leaved variety, bright crimson, bordered golden-yellow.

MRS. JOHN BOEHNER. Rich velvet maroon, golden-yellow band.

HERO. Darkest Coleus grown, nearly black.

BECKWITH GEM. Dark maroon, outer edge golden-yellow.

GRACE ADAMS. Green leaf, small blotches of red, crested edge.

RUTH KIRKPATRICK. Solid green, white center.

FIRE BRAND. Brilliant scarlet, very showy.

QUEEN OF THE WEST. Green center, streaked maroon.

IVY—GERMAN OR PARLOR

MIKANIA SCANDENS. A strong-growing climber, with green foliage, suitable for large baskets and vases. 15c each.

SENEDO SCANDENS (New German or Parlor Ivy). A more rapid or succulent kind, well adapted for covering trellis work quickly or training in the parlor. Leaves glossy green and flowers yellow, in clusters. 15c each.



Bedding Coleus

BEAUTIFUL DECORATIVE FERNS

THE BEST FOR HOME AND PORCH DECORATIONS

OSTRICH PLUME FERN (*Nephrolepis Whitmanii*). The best of the Crested Ferns and a great favorite. (See cut.) Delights in hot weather and is perfectly at home here in the summer. *Whitmanii* is of dwarfier growth, but equalizes matters by compactness and a wide, stockier shape. Nice young plants, 15c each; larger plants, 25c and 50c each, postpaid.

THE NEWPORT PARLOR FERN (*Nephrolepis Scottii*). It is a condensed form of the Boston Fern, with characteristics not evident in the parent, an average plant in an eight-inch pot having 200 fronds. The fronds average about twenty inches in length and three inches in width at the widest point, being more finished than the parent. Nice young plants, 15c each; larger size, 25c and 50c.

THE BOSTON FERN (*Nephrolepis Exaltata Bostoniensis*). This popular Fern has proved one of the best decorative plants of recent introduction. The fronds are much larger than the Sword Fern, and do not stand so stiff, but droop gracefully. Excellent for making large specimen plants, also for hanging baskets. Nice young plants, 15c each; larger plants, 25c and 50c each.

NEW PLUMED FERN (*Elegantissima*, or *Tarrytown*). This is a sport from the Pierson Fern; the plant is of much more compact habit, one-half as tall, but with the fronds nearly twice as wide, making it a much more desirable plant for all purposes. Nice young plants, 15c each; larger plants, 25c and 50c each, postpaid.

NEPHROLEPIS PIERSONI. An entirely new form of Boston Fern. The pinnae sub-dividing making miniature fronds which are superimposed on the main fronds, looking as if two, or even three, were condensed in one. They are graceful, feathery, plummy, nothing describes them better than "Ostrich Plumes." Nice young plants, 15c each; larger plants, 25c and 50c each.

THE SPRINGFIELD FERN. Offered for the first time. A valuable Fern, especially for vases, baskets, and box work of very erect growth, the fronds more stiff than the Boston, and similar to the Piersonii Fern. It is a vigorous-growing variety and we believe will prove very popular. Nice young plants, 15c each; strong plants, 35c and 50c each.

SELAGINELLA EMILLIANA (The Beautiful Moss Fern). A new, upright-growing moss, with numerous feathery stems branching from the base and forming a dense tuft. Well-grown plants attain 12 to 18 inches in height. We know of no moss superior to it. 15c each, 3 for 40c, postpaid.

ONYCHIUM JAPONICUM. The best fern-dish Fern. A very beautiful Fern, having long, graceful fronds. The wiry texture of the leaf makes it keep for a long time. Very useful to cut for vases, etc. 15c each, 3 for 40c.

PTERIS CRETICA MAYII (Crested Silver Fern). A crested form of *Pteris Cretica Albo-Lineata*, showing the same variegations as that variety, but of dwarfier habit. 15c each; \$1.50 per doz.

PTERIS CRETICA ALBO-LINEATA (Striped Silver Fern). A pretty and useful variegated variety, distinctly showing the clear white variegation. A useful and easily-grown Fern. 10c each.

PTERIS WIMSETTI (Crested Fern). A very pretty and useful Fern for specimen or dish. Green leaves with ends very peculiarly crested. This Fern is not generally known. It is one of our best varieties for dishes, being a short, compact grower, and will stand rough treatment. 15c each, 3 for 40c.



Ostrich Plume Fern Whitmanii

THE NEW CRESTED FERN (*Nephrolepis Superbissima*). The latest improvement in this family of Ferns, unique in foliage, quite different from all other varieties of this family, standing in a class by itself. It makes a dwarf, compact growth similar to the Scotti Fern, the fronds, however, being more dense, firm and rigid, and the foliage several shades darker than any other Fern coming from the Boston type. Nice young plants, 35c each; strong plants in 4-inch pots, well established, 75c each.

THE PLUMED SCOTTI FERN (*Nephrolepis Scholzei*). The ideal plumed Fern, holding the same position to all other plumed varieties that Scotti holds to the old Boston. It is a sport from Scotti possessing all the merits of that most popular variety, but with the pinnae sub-divided, giving it an airy feathery appearance. Nicely shaped plants, 15c each; larger plants, 50c each, postpaid.

PTERIS WILSONII (Crowfoot Fern). An ornamental Fern of unusual merit. One of the most dwarf of this class, having deep green foliage, leaves heavily crested, giving it the appearance of a tassel. A fine addition to the ornamental varieties. 15c each.

BEAUTIFUL GARDEN CARNATIONS

THE BEST VARIETIES FOR THE GARDEN

These splendid Carnation Pinks are among the most beautiful and desirable flowers we have; highly valued for their constant bloom and delicate fragrance; they flower freely during the summer and fall in the garden, and if taken indoors and kept in a cool, light room, will produce an abundance of lovely flowers all winter.

JAMES WHITCOMB RILEY. This is the only pure yellow Carnation that is grown today. It is a variety easy to grow and of healthy constitution; flowers average three inches or more in diameter; have a very pleasing clove fragrance; borne on long, stiff stems. Good strong plants, 20c each.

MAY DAY. Delicate pink; vigorous grower. Color, when at its best, very soft, clear and pleasing. Does well in nearly all soils. 20c each; \$2.00 per doz.

ADMIRATION. Flowers very large and perfect in form; color, bright rosy-pink, changing to a beautiful soft pink when flowers are fully expanded. 15c each; \$1.50 per doz.

QUEEN LOUISE. Color snow-white, very lightly penciled scarlet; can almost be used as a white; stem very stiff, slender, and two to three feet high; the flower is large and never bursts. 20c each; \$2.00 per doz.

MRS. C. W. WARD. A beautiful new sort. Color bright salmon-rose, very highly scented. 15c each; \$1.50 per doz.

DOROTHY GORDON. Color a lovely shade of carmine-pink, flowers 2½ to 3 inches in diameter, borne on stems 18 inches long; healthy, and free from rust; early, continuous bloomer. 15c each; \$1.50 per doz.

NIAGARA. A fine white. Its strong points are its earliness, great freedom and continuity of bloom. It has slender stems, always stiff; is a pure white of large size and fine form. 15c each; \$1.50 per doz.

AFTERGLOW. One of the finest novelties. Of fine growth, firm texture and a brilliant color of beautiful deep pink. 15c each; \$1.50 per doz.

WINDSOR. Bright pink; one of the most productive large-flowered pink Carnations; on long stems. 15c each; \$1.50 per doz.

HARLOWARDEN. A bright velvety crimson; stem is long and stiff, a strong grower; wonderfully fine bloomer, 20c each; \$2.50 per doz.

WHITE ENCHANTRESS. Absolutely pure white in color. 15c each; \$1.50 per doz.

BEACON. Fine scarlet variety; free blooming. 15c each; \$1.50 per doz.

ROSE-PINK ENCHANTRESS. A rose-colored variety from the pink sort "Enchantress." 15c each; \$1.50 per doz.

SUNBEAM. Deep pink, extra long stem and large flowers. 15c each; \$1.50 per doz.



Carnations—(1) Winona; (2) Windsor; (3) Harlowarden; (4) White Enchantress; (5) Sunbeam

POULTRY FOOD AND SUPPLIES

Here you find everything from a Leg Band to an Incubator. We handle only the very best, and at reasonable prices.

Prices subject to important market changes, and are those ruling at this time, therefore cancelling all previous quotations. Transportation charges to be paid by purchaser, except where marked postpaid.

Full circulars describing the following Poultry Foods, Medicines, etc., sent on application.

Our terms are Cash with order. We ship promptly. Combine your orders for supplies with your Seed orders and save freight.

Baby Chick Feeds

Red Comb Fine Chick Feed—Composed of cracked grains, seeds and charcoal. Highly nutritious, easily digested and especially suited to the tender digestive organs of the little chick. 6 lb. box, 25c; 25 lbs., 75c; 100 lbs., \$2.50; 500 lbs., \$11.00.

Quaker Brand Baby Chick Feed—Of the right size, properly balanced combination of the best seeds and grains that experience has shown will enable chicks to grow equally in feather, flesh and bone. 8 lbs., 25c; 25 lbs., 60c; 100 lbs., \$2.25; 500 lbs., \$10.00.

Red Comb Coarse Chick Feed—A developing food, and when used insures a strong and rapid growth. This feed also contains charcoal. 6 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50.



High Grade Hen Feeds

Red Comb Poultry Feed—For grown fowls; is composed of choice grains, seeds and charcoal. A clean, bright, balanced ration for general use. As a scratch feed is unequalled. Made without grit and shells. 10 lbs., 25c; 25 lbs., 60c; 100 lbs., \$2.25; 500 lbs., \$10.50.

Crescent Mixed Chicken Feed—A standard brand, composed of a great variety of grains necessary for making hens lay. 100 lb. sack, \$2.00; 500 lbs., \$9.50; ton, \$36.00.

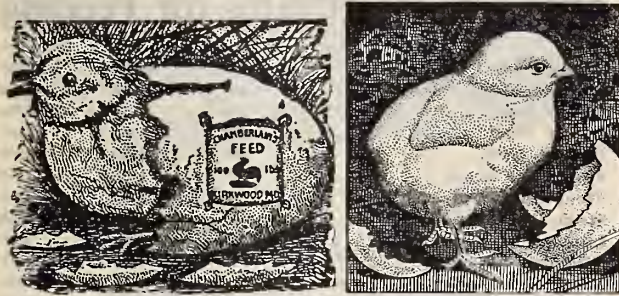
Aunt Patsy's Mixed Scratching Grain—A mixture of wheat, oats, chops, etc., properly combined to make hens lay. 100 lbs., \$2.10; 500 lbs., \$10.00.

International Sugared Poultry Feed—Especially prepared. Coated with molasses. It will make your poultry lay regularly. 100 lbs., \$2.25; 500 lbs., \$10.00.

Chamberlain's Perfect Hen Feed—Specially prepared: a perfectly balanced mixture of best grain. 100 lbs., \$2.25.

Mash Feed

Red Comb Meat Mash—A mash feed prepared expressly for egg production, being very rich in egg-making elements. This mash is unsurpassed as a winter egg-maker. It is the most wonderful feed in the world for making hens lay in cold weather. Can be fed dry or wet. Packed in 50-lb. and 100-lb. bags, full weight. 8 lbs., 25c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.25.



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. This brand contains no corn whatever. 6 lb. box, 25c; 25 lbs., 75c; 100 lb. bag, \$2.50.

Aunt Patsy's Baby Chick Feed—A fine dry feed, especially for baby chicks. 6 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50.

Crescent Baby Chick Feed—One of the most perfect chick feeds on the market. Prices: 8 lbs., 25c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.15.

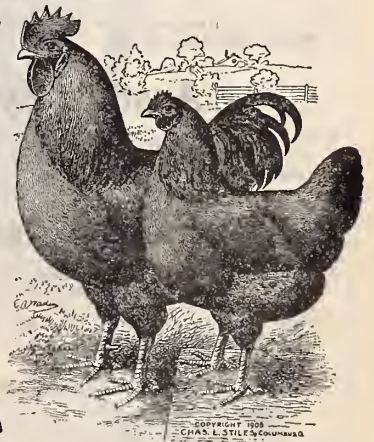


F. P. C. Chick Manna, or Health Food for Little Chicks—Promotes and preserves health. Chicks when first hatched need no food for at least from twelve to twenty-four hours. Chick Manna should be the first food and exclusively fed for ten days. 1 lb. pkg., 10c; 5 lb. pkg., 40c; 15 lb. pkg., \$1.10.

Spratt's Chlegrain (Ruckham's Formula)—A perfectly balanced semi-cooked, partly malted grain, insect and vegetable ration, easily digested and highly nutritious. 5 lb. box, 25c; 10 lb. sack, 40c; 25 lbs., 85c.

Cassell's Success Chick Food—In this food you have a pure, perfect food and health protector. 5 lb. box, 25c.

Zenner Mfg. Co., Detroit, Mich.:
 "I am much pleased with the results obtained from the use of Zenoleum. I dipped my entire flock of S. C. Rhode Island Reds in a 1 per cent. solution, and found it to be one of the best mediums for ridding them of lice and mites that I have ever tried.
 "At that time some of my chickens were affected with chicken pox, and I applied Zenoleum to the sore parts and found it very efficacious."
 "C. L. BAKER,
 Memphis, Tenn."
 "Nov. 7, 1911."



Aunt Patsy's Poultry Feed—Nothing like it on the market. Guaranteed to make hens lay if fed as directed. This is a complete mash, containing ground grain, alfalfa meal, meat meal and everything necessary for producing a large egg yield. 8 lbs., 25c; 25 lbs., 75c; 100 lb. sack, \$2.25.

Chamberlain's Perfect Egg Mash—A combination of mill feed and a sure egg getter. 8 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.50.

Pep Fee Egg Mash—A complete mash food. Strong in albumen and egg-making properties. 8 lbs., 25c; 25 lbs., 75c; 100 lbs., \$2.25.

Alfalfa Meal—This is a green feed all the year round. Its value as a helpful egg food is unquestioned. 6 lbs., 25c; 50 lbs., \$1.25; 100 lb. sack, \$2.00.

Charcoal Oyster Shells and Grits



Crushed Oyster Shells—Splendid for poultry to help the formation of egg shells and keep fowls healthy. Use it freely. Feed alone. 10 lbs., 20c; 50 lbs., 50c; 100 lbs., 80c.

Mica Crystal Grit—It is absolutely necessary for fowls to have grit in order to keep them healthy and free from cholera, etc. Coarse for hens, medium for pigeons, or half-grown fowls. Fine for baby chicks. 10 lbs., 20c; 50 lbs., 75c; 100 lbs., 90c.

Hen-E-Ta Bone Grits—Will make hens lay; just right for chicks; no other bone or grits needed. 100 lb. bag, \$2.50; 50 lb. bag, \$1.50; 6 lbs., 25c.

Crys-Co Grit and Shell Producer—A shell producer and grit combined. 10 lbs., 25c; 50 lbs., 75c; 100 lbs., 90c.

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.

Charcoal—No poultryman can afford to be without charcoal. It aids digestion and promotes the health of the poultry at all ages. It is prepared in three grades: Grade A (fine), for baby chicks; Grade B (medium granulated), for growing chicks and pigeons, and Grade C (coarse), for grown fowls. 2 lb. pkg., any grade, 10c. In bulk, 25 lbs., 85c; 50 lbs., \$1.45; 100 lbs., \$2.75.

Beef Scrap, Bone Meal, Etc.

Darling's Beef Scrap—6 lbs., 25c; 25 lbs., 90c; 50 lbs., \$1.65; 100 lbs., \$3.25.
Bone Meal for Poultry—6 lbs., 25c; 25 lbs., 90c; 100 lbs., \$3.00.
Beef Meal—6 lbs., 25c; 10 lbs., 40c; 50 lbs., \$1.50; 100 lb. sack, \$2.75.
Darling's Blood Meal—4 lbs., 25c; 25 lbs., \$1.25; 100 lbs., \$4.25.



Miscellaneous Grains for Feeding

	5 lbs.	25 lbs.	100 lbs.
Buckwheat .....	.25	\$1.00	\$3.50
Canada Field Peas .....	.30	1.25	4.50
Hemp Seed .....	.35	1.50	5.00
Millet Seed .....	.25	1.00	3.00
Rolled Oats .....	.30	1.00	3.50
Sunflower Seed .....	.40	1.50	5.50
Steel Cut Oats .....	.25	1.00	4.00
Steel Cut Wheat .....	.30	1.25	4.50
Linsed Meal .....	.25	1.00	3.00
Wheat Bran .....	.50	1.75	5.50
Cracked Sifted Corn Chops .....	.50	1.90	5.50
Red Feeding Wheat .....	.60	2.25	6.50
White Kaffir Corn .....	.50	1.75	5.50
Rice Bran .....	.60	2.00	6.00
Gluten Meal .....	.75	2.50	7.50
Cracked Rice .....	.50	1.85	5.50
Corn Meal Shorts .....	.75	2.25	6.50

Harding's Granulated Milk for Poultry

One of the best egg producers known. 4 lbs., 25c; 50 lbs., \$2.50; 100 lbs., \$4.50.

Austin's Pyrotone

Sure death to lice and mites. Acts as a preventive as well as a cure. Price, large bottle, \$1.00. By express only.

Avenarius Carbolineum

Paint or spray your chicken houses, hog pens, stables, sheds, etc., with Avenarius Carbolineum to permanently destroy all poultry and other vermin and preserve your building from rot and decay. Price, qt., 50c; 2 qts., 75c; \$1.25 per gal.



Nest Eggs

Medicated Hygiene Nest Egg—These eggs are a perfect imitation of the hen's egg, containing a powerful disinfectant, which keeps all lice, mites, etc., out of nest and off the hens.

Magle Medicated Nest Eggs—Doz., 50c. By mail, each, 10c.

Knox Lice Expelling Nest Eggs—Doz., 50c. By mail, each, 10c.

Naphthalene Nest Eggs—Doz., 50c. By mail, each, 10c.

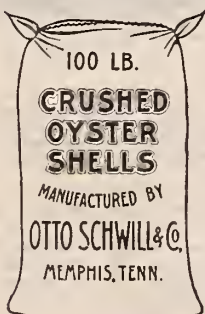
Lime Nest Eggs—Non-breakable. Antiseptic. A perfect shape, making it a splendid and lasting accessory. Doz., 30c. By mail, each, 10c.

Porcelain—These are made of first-class glass. They will not break easily and will last a lifetime. 2 for 5c; 25c per doz. By mail, each, 5c.

Egg Coxers—One metal egg on a platter, for using in bottom of nest. Each, 25c.

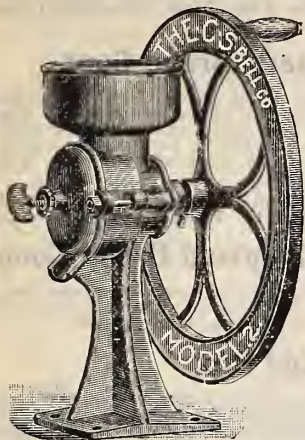
Rust's Havens Climax Powder

Unrivalled for raising young chicks and ducklings, giving them stamina against cold winds and damp weather. Per 5 lb. box, \$1.00.

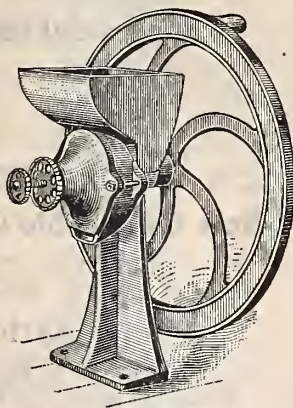


Bone Mills, Trap Nests, Coops, Egg Boxes

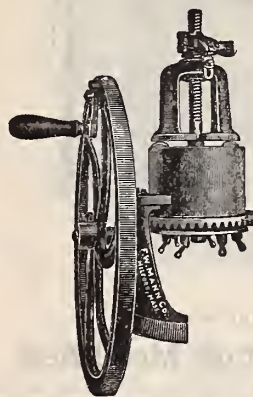
Miscellaneous Poultry Appliances, Etc.



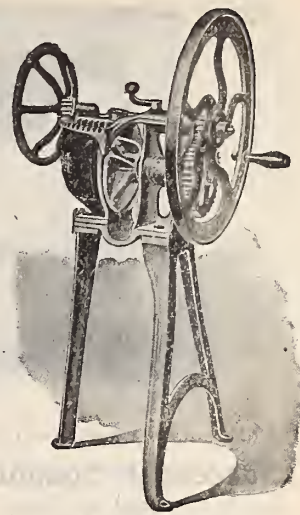
No. 2 Model Grinding Mill.



No. 32 Hand Grinding Mill.



No. 5B Mann's Green Bone Mill.



No. 1 Humphrey's Green Bone Mill.



Chapman's Improved Trap Nest

The Chapman Nest is made upon honor and constructed on mechanical principles that are bound to make it the Leading Trap Nest of the World. 3 nest size, \$3.00.

Reliable Pedigree Trap Nest

Works perfectly. One of the best style Trap Nests on the market. Price, \$2.00 each.

Practical Trap Nest

Works easy and certain, if set properly. They never fail to operate. Price, 2-nest size, \$2.25 each; 3-nest size, \$3.00 each.

Mann's Green Bone Cutter

The standard bone cutter; easily adjusted; self-feeding. Send for illustrated catalogue of the Mann's machine. No. 5B Mill, without stand, \$8.50; No. 5BM, with stand, \$10.50; No. 7 Mill, on iron stand, \$12.00.

Humphrey's Green Bone and Vegetable Cutter

This is one of the leading bone cutters on the market. Ask for catalogue fully describing Humphrey's Bone Mill. No. 1 Cutter, \$12.00.

Mann's Green Clover Cutter

Cuts easily. Steel knives, adjustable, easily sharpened. It's always in order; nothing about it to break. Price, \$10.00 each.



Stearn's Clover Cutter.

Stearn's Clover Cutter

Cuts fast and fine. It's always in order; nothing about it to break. Price, \$4.00 each.

Banner No. 7 Root Cutter

Cuts roots and vegetables into fine chicken feed. Weight, 50 pounds. Price, \$4.50 each.

Maryland Lever Feed Cutter

Strong, cheap and durable. Knife 11 inches. Weight 50 lbs. Price, \$4.00 each.

New Model Grinding Mill

One of the best all-around mills yet produced. They are designed for grinding wheat, making graham flour and corn meal for family use. Grinds feed, either fine or coarse, for chickens, also shells, roots, salt, charcoal, etc. Capacity about as follows, depending on the condition of grain and fineness: No. 1, 1/2 to 1 bushel per hour; No. 2, 3/4 to 1 1/2 bushels per hour; No. 3, 1 to 2 bushels per hour.

PRICES AND SIZES.

No.	Height.	Weight.	
1.	13 in.	20 lbs.	\$2.50
2.	16 in.	35 lbs.	4.45
3.	18 1/2 in.	63 lbs.	6.55

Black Hawk Grinding Mill

A most useful and substantial grinding machine for poultrymen, as well as for farm and family use. Price, \$3.00 each.

Don Dry Bone and Shell Mill

It is the best thing for grinding dry bone, oyster or clam shells, coarse grains like corn, charcoal, etc. Price, \$4.00.



Red Chief Grinding Mill

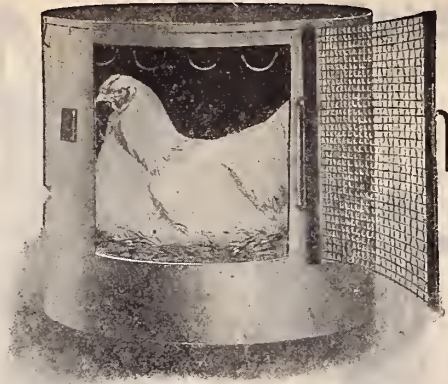
A cheap and handy mill. Easily adjusted for grinding coarse or fine. Price, \$3.00 each.

No. 32 Hand Grinding Mill

In this mill are embodied all the good features of other hand grinding mills to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish, has a 16-inch flywheel and is light running. The capacity of this mill is not equalled by any other of the same size. Shipping weight, 40 pounds. Capacity, 1 or 2 bushels per hour. Price, \$5.50 each.

Old Dominion Corn Sheller

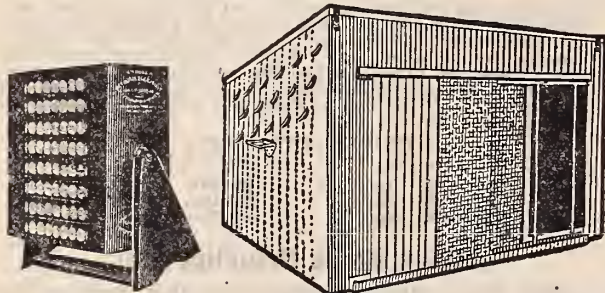
Well made, strong and durable. Easily adjusted to any size ear; shells perfectly. Price, \$2.00 each.



Successful Metal Nest.

Successful Combination Metal Nest

A hen in this nest will hatch better and stronger chicks than in a wooden nest, from the fact that eggs require moisture to hatch well, and this nest retains the moisture from the hen's body, while the wooden nest absorbs it. Size 14 inches high, 14 inches wide. One to 3 nests, each, \$1.00. Four to 10 nests, each, 90c.



Revolving Egg Turner. Successful Brood Coop.

Houghton Wire Egg Carriers

- No. 1. Holds 6 dozen eggs. Price, each.....\$1.00
- No. 2. Holds 9 dozen eggs. Price, each.....1.25
- No. 3. Holds 15 dozen eggs. Price, each.....1.50

The Gem Shipping Coop

Made of heavy material, close slatted top and side. Unexcelled for shipping fancy fowls; has side ventilation.

	Each.	Dozen.
No. 12. 12 in. wide, 18 in. long and 18 in. high	\$.35	\$3.50
No. 13. 15 in. wide, 20 in. long and 20 in. high	.40	4.50
No. 14. 20 in. wide, 24 in. long and 20 in. high	.50	5.00

The Eyrie Shipping Coop

Shipped flat and so simple in construction a child can set them up.

	Prices.	Each
No. A. Size 12x16x18, will hold 2 fowls.....		\$.30
No. B. Size 12x18x22, will hold 3 fowls.....		.35
No. C. Size 12x22x22, will hold 4 fowls.....		.40
No. D. Size 20x22x22, will hold 5 fowls.....		.50
No. E. Size 20x24x22, will hold 6 fowls.....		.60



Eyrie Shipping Coop.

Gem Exhibiton Coop

A thoroughly satisfactory exhibition coop that embodies the qualities of durability, neatness and practicability; has been much in demand. These coops are shipped "knocked down." Price, No. 1 or single coop, \$2.00; No. 2 or double coop, \$2.50.

Successful Sanitary Brood Coop

Rat, Mink, Weasel, Mite and Rain Proof. The farmer's wife has long been wanting the brood coop which was neat in appearance, light in weight, consequently easy to move from place to place, easy to clean, thoroughly rain proof and so constructed that rats, minks and weasels cannot get at the brood.

- No. 1. 17½x23 in., 16 inches high. Each.....\$1.75
- No. 3. 23½x29 in., 18 inches high. Each.....2.50

New Collapsible Galvanized Brood Coop

Style A—A new shape, roomy, strong and well made size, 18 inches long, 18 inches base to dome and 12 inches high at the sides. Price, \$2.00 each; 6 for \$11.00.

Eyrie Egg Box

For shipping settings of eggs. Made from jute board and partitioned off with double-faced corrugated paper. 1 sitting, 15c each; two for 25c; \$1.20 doz.; 2 sittings, 20c each; 50c for 3; \$1.75 doz. Special prices on large lots.

Anderson Egg Boxes

Similar to above, but shipped in flat, saving freight or express charges. One sitting, 15c each; 25c for 2; \$1.10 doz.; 2 sittings, 20c each; 50c for 3; \$1.70 doz.; 50 egg size boxes, each, 25c; doz., \$2.75; 100 egg size boxes, each 40c; doz., \$4.50. All f. o. b. Memphis.



Sefton Live Chick Box.

Sefton Live Chick Box

- 25 chick size boxes. Each, 15c; doz., \$1.25.
- 50 chick size boxes. Each, 20c; doz., \$1.75.
- 100 chick size boxes. Each, 30c; doz., \$2.90.

Strawboard Paper Egg Boxes

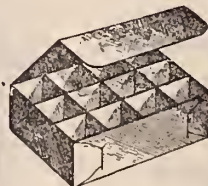
These are intended for delivering eggs to consumers. Hold one dozen each. Price, 20c per doz. boxes; \$1.00 per 100.

Woods' Revolving Egg Cabinets

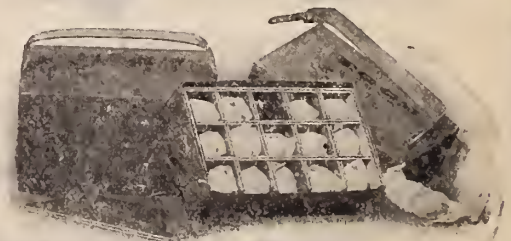
Eggs intended for hatching should be turned daily; the warmer the temperature, the more necessary that they be turned. 150 egg Cabinet, \$3.60; 288 egg Cabinet \$5.50.

Houghton's Wire Egg Turner

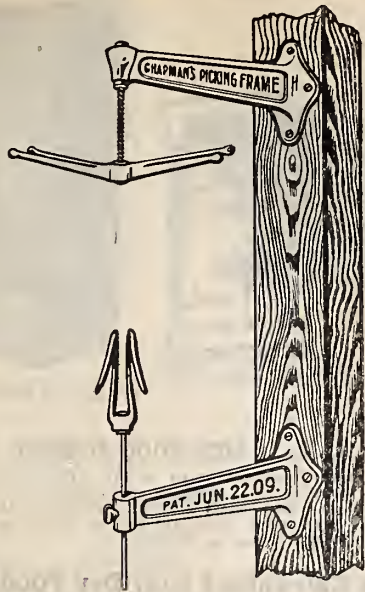
Well made and especially for turning eggs conveniently. 180 egg size, \$3.50 each; 336 egg size, \$4.50 each.



Strawboard Egg Box.

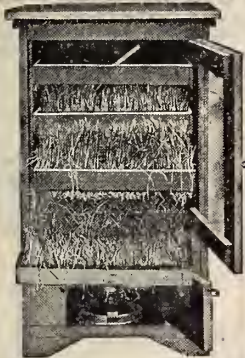


Eyrie Egg Shipping Box.



Chapman's Picking Frame

Is the only practical device ever invented to facilitate the plucking of poultry. It not only saves half the labor, but it keeps the bird perfectly clean, as the blood is drained directly downward. The frame is adjustable for all sizes of heads, adjustable for all sizes of legs, and adjustable to all lengths of poultry, from a broiler to a roaster. The bird can be revolved in either direction, thereby enabling the operator to get at any portion of the bird without changing his position. The head hook stretches the skin down over the breast, holding it firm and eliminating the danger of tearing it. It can be seen by the illustration that this frame holds the bird perfectly firm and that both hands can be used to remove the feathers instead of only one, as in the old way of picking. You cannot realize the benefit of this frame until you have picked a bird with it. It converts a very disagreeable job into an interesting pleasure. **Price, \$2.00.**



Double Quick Oat Sprouter.



Zero Safety Lamp.

The Zero Lamp

The Zero Safety Lamp carries off the heat as fast as it forms. The oil tank is surrounded on all sides and top by an air space, which forms the outside wall of the lamp. This wall is so attached to the lamp collar that the heat coming down the burner runs out on it and does not reach the oil tank. All the air used by the lamp is drawn up the sides, across the top of the oil tank, up the entire length of the collar and burner, thus carrying off the heat as fast as formed and keeping the oil cool. The Zero Lamp will fit nearly every incubator and brooder manufactured, by making one or two adjustments of the lamp box or holder attached to the machine. **Price, \$1.00 each. By mail, \$1.25 each. Chimney, extra, 25c each.**

SCHWILL'S EGG PRODUCER.

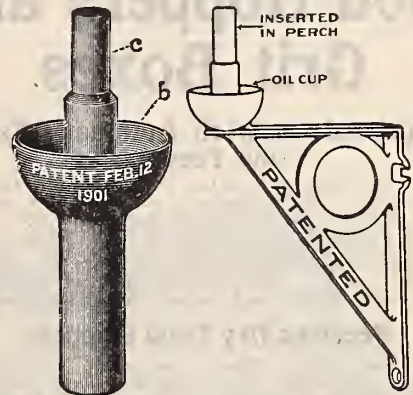
A compound of vegetable extracts, herbs, roots, etc., so proportioned that they act gently on the fowl's internal organs and generally tone up the system. Makes hens lay when nothing else will. **Price, 2½ lbs., 25c; 7 lbs., 50c, by express only.**

Double Quick Grain Sprouter

Insulated double walled, heat retaining, automatic moisture producing, economical, convenient and scientifically built for producing a crisp, snappy, succulent growth of sprouts in a very short time with little attention and no trouble. Get one. If you want plenty of eggs in winter and fertile eggs in spring, get a Double Quick Grain Sprouter. If you want to see the little chicks and the ducklings grow, get a machine. If you want fries as quick as the best of them, get a machine. It will be an investment. It grows your feed while you sleep. Sprouted oats, the most potent of all poultry feed for eggs, growth, development. The germinating grains are a partly predigested, highly stimulating, thoroughly nutritious food. For eggs, winter or summer, nothing equals sprouted oats. The big Eastern egg farms have known for years the high efficiency of sprouted oats for large egg yields. The secret is now general and all poultry keepers may now have fresh eggs all winter by feeding sprouted oats.

PRICES AND SIZES.

- No. 1 For 50 Hens and less, holds ¼ bushel.....\$ 6.75
 - No. 2 For 50 to 75 Hens, holds ½ bushel..... 9.00
 - No. 3 For 100 to 150 Hens, holds 1 bushel..... 12.50
- All f. o. b. Memphis.



Eureka Oil Cup for Roosts.

Eureka Oil Cup Bracket Perch Support

This will get rid of mites and lice. Sure death; never fails. You keep the cup full of oil, Zenoleum or Carbolineum, and the little pests drown or keep away. Mites cannot be successfully exterminated by dusting, as can body lice. They remain but a few hours at a time on a chicken's body, leaving as soon as they have drunk up a sufficient quantity of blood to satisfy them. For a few hours after mites leave a chicken's body they are a bright red color, but as soon as they have assimilated their bloody repast of the night before, their color will be grayish. You will find them hiding under the roosts, dropping boards, nests, cracks and small checks in the wall. The above means a serious loss in the poultry business. To annihilate the mites and lice in your poultry houses or nests, use our Eureka Oil Cup Perch Supports and you will get their scalps sure. Try them! Order now! No risk! Will bring you large profits and turn failure into success in the poultry business. **Price Bracket Perch Support, 25c each; 2 for 45c; 12 for \$2.50. Price Oil Cup without Bracket, each 20c; 2 for 35c; 12 for \$2.00.**

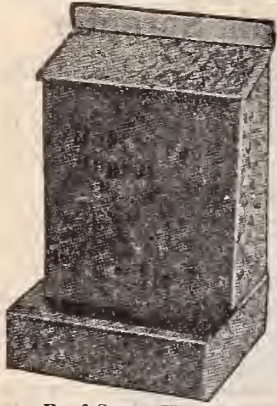
Rollman Meat and Food Chopper No. 11

A household machine. Easy to turn. Easy to open and clean. Feeds all the food through the cutters. There is no waste. Chops one pound raw or cooked meat per minute, fish, vegetables, fruits, nuts, spices, coffee, coconut, horseradish, codfish, etc. Has steel cutters—coarse, medium, fine and nut butter cutters. **Advantages**—Easy to turn; easy to open and clean; no waste; beautiful tin plating; no exposed surface of cast iron to rust. A clamp that holds securely to table. **Price, 75c each.**

Rollman No. 12 Meat and Food Chopper—A size larger than the No. 11. **Price, \$1.00 each.**



Rollman Food Chopper.



Beef Scrap Hopper.



Acme Grit and Shell Box.

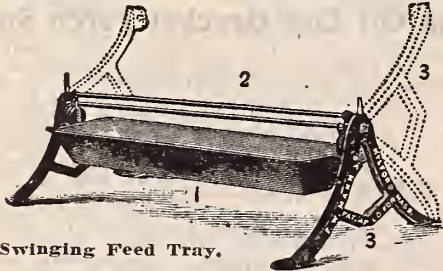
Food Hoppers and Grit Boxes

The Improved Norwich Automatic Exerciser and Feeder

The new style has adjustable legs, adapted for feeding baby chicks. Fill the hopper with any dry grain feed, or any mixture of dry grain feed, and the revolving feed bar with wheat or cracked corn. Stand the Norwich Automatic Exerciser and Feeder anywhere in the yard, pen or house, and put any kind of litter under machine. Adjust valve to feed desired quantity. No. 1, 8 qt., each, \$2.50; No. 2, 14 qt., each, \$3.25; 20 qt., \$4.50.

Peerless Dry Food Hoppers

Made in three sizes. Small size holds 8 quarts mash. Each, 90c. Medium size holds 16 quarts mash. Each, \$1.35. Large size, holds 32 quarts mash. Each, \$1.85.



Swinging Feed Tray.

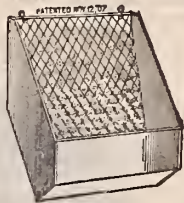
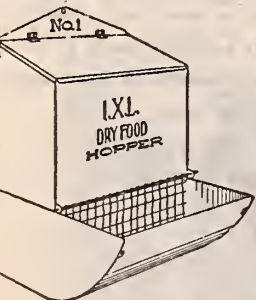
Swinging Feed Tray for Poultry

Saves all waste of food. Hens cannot scratch the food out or the dirt in. 18 inch Trays, \$1.25; 27 inch Trays, \$1.40.

The Boston Hopper—Rat Proof

MANUFACTURED IN FOUR SIZES.

Chicken Hopper, Small—For use in small brooders. \$1.00.
 Chicken Hopper, Large—For use in brooder houses. \$1.90.
 Small Hopper—Holds 8 quarts. For beef scraps, shells, grit or charcoal. 90c.
 Large Hopper—Holds 16 quarts. For dry feed for hens. \$1.00.



Boston Hopper.

Beef Scrap and Dry Food Hopper

This Hopper is made of heavy galvanized iron, with lid, handle, sloping bottom and extra deep apron, without guard. It will feed beef scrap and dry mash, articles that every user of hoppers knows are difficult to feed. Price, 75c each; 3 for \$2.00.

I. X. L. Dry Food Hopper

Will feed mash, beef scrap or grain of any size without any waste whatever. Made in two sizes. No. 1 is made only with one compartment, holding one full peck. No. 2 is made with two compartments, holding 1/2 bushel. Price, No. 1, 75c; No. 2, \$1.25.

Sanitary Galvanized Iron Dry Food Hopper

This is a strong, galvanized iron box, similar to the grit and shell box, except that it is larger and has but two compartments, one twice the size of the other. The larger compartment is intended for grain, the smaller one for beef scraps. Price, each, 60c; 3 for \$1.75.

I. X. L. Grit and Shell Box

This is one of the most convenient articles in a poultry yard. By using it you can save at least half of the grit or shell, as none can be wasted. Made in three sizes. Two compartments, 50c; 3 compartments, 60c; 4 compartments, \$1.00.

Acme Grit and Shell Box

The sides and partitions are made of wood; front and back galvanized iron; strong and durable. Price, 2 compartments, 50c each; 6 for \$2.50.

Sanitary Galvanized Iron Grit and Shell Boxes

They are made with two or three compartments, so as to hold separately shells, grit, charcoal or other food. Made of heavy galvanized iron, they will last for years. 3 compartments, price 50c each; 6 for \$2.50.



Improved Norwich Automatic Feeder.



Atsatt's Chick Feeder

"They cannot get into it." Therefore, clean food. The top removes easily for cleaning. Springs back into place. Can be used for either wet or dry feed or for water. Can not rust. Made for any brooder, but does not take up much space. Size 10 inches long, 4 inches wide. Just the thing for your brooder. Price, 25c. By mail, 35c.



Dandy Hopper.



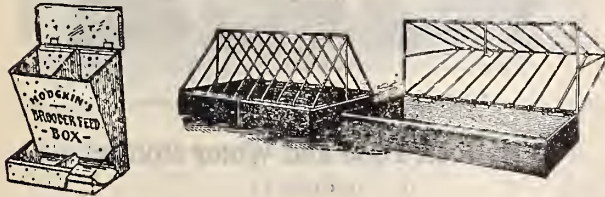
Acme Chick Feeder.

Acme Patent Chick Feeder

Easily accessible for little chicks. Made so that the grown fowls cannot get at the feed. Price, 2 compartments, 50c each; 3 compartments, 75c each.

Dandy Hoppers

Galvanized iron. Convenient in every way. Price, 8 qt., 75c each; 16 qt., \$1.25 each.



Metallic Feed Trough.

Galvanized Iron Brooder Feed Box

This little device is especially adapted for brooder use. Seven inches high, with cover, two compartments for grit and charcoal, or can be used for any dry feed. Price, 50c each.

Reliable Metallic Feed Troughs

Will save from 10 to 25 per cent. in soft food. They have wire guard to keep fowls from wasting the feed. \$1.00 each; 6 for \$5.00.



Perfection Galvanized Iron Wall Feed Pan

For feeds, grit, shell, bone, charcoal, water, etc. Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Chicks cannot roost on it. Hangs high or low. Made of galvanized iron; 23 inches long; holds 3 quarts. Practical and cheap. Price, 40c; \$4.00 per doz.

Atsatt Wall Feed Pan

Galvanized iron, 24 inches long. Strong and well made. Each, 35c; 6 for \$1.80.

Oaks' Wall Feed Troughs

Single Troughs, 15 inches long, each, 30c. Double or Partition Troughs, each, 35c.

I. X. L. Wall Feed Pan

Every person keeping poultry has use for one or more of these Feed Troughs, and if you have never used one, try it and you will never be without one. No. 1, 30c each; 6, \$1.50. No. 3, 50c each; 6, \$2.75.

I. X. L. Feed Pans

No. 1, price 30c each. No. 2, price 45c each.

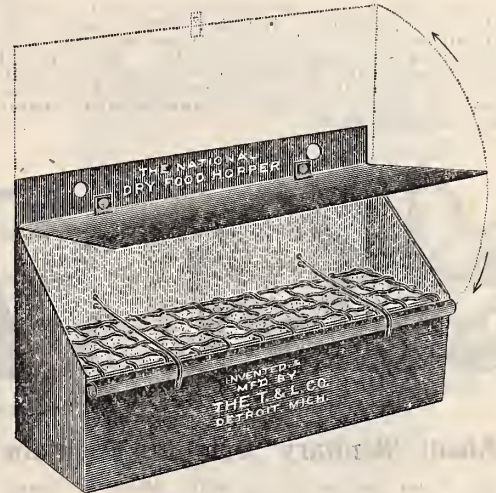


Model Feed Pan

Made of strong galvanized iron; comes with heavy grid guard to keep fowls from wasting mash feed. A splendid feeder. Small size, 75c each; large size, \$1.00 each.

Wooden Feeding Troughs

Long and convenient. A handy arrangement for feeding all kinds of mash or grains. Two sizes, 20c and 30c each.



The National Dry Food Hopper

The latest and best hopper on the market. Practically in a class by itself. This Hopper has been tested out thoroughly under every condition that might be expected, and we claim and guarantee that there is absolutely no waste. This feature alone would save enough feed in one week's time to pay for whatever hoppers you may need. Impossible to clog is another strong feature in favor of this hopper. How often do you find your feed clogged? This hopper eliminates all that trouble. Another most important feature which is overlooked by most poultrymen is to allow rats or mice to contaminate the food. Fowls do not relish feed that mice have been running over. With this hopper just turn the button and the feed is closed, away from everything until opened in the morning, or any part of the day desired. Every one using Philo coops will find the No. 1 the ideal hopper. The size is not too large. Mash, grain, beef scrap, etc., is all fed in this hopper with absolutely no waste. Price, small size, No. 1 Hopper, 75c each; medium size, No. 2 Hopper, \$1.00 each; large size, No. 3 Hopper, \$1.25 each.

NOTICE

Patrons sending us checks on country banks must add 10c for the collection charges on the same. Where this is not added, we will send only goods for amount of check less 10c collecting charges.



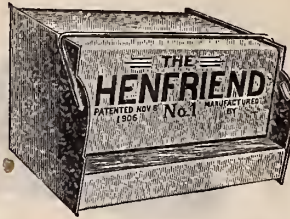
Jug Shaped Stoneware Fountain.



Delphos Patent Fountain.



Atsatt Sanitary Fountain.



Reliable Hanging Fountain.

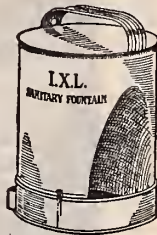
Poultry Drinking Fountains

Perfection Non-Freezing Fountain

Every one raising poultry knows how hard it is to keep the hens supplied with drinking water during the winter months. The tank holds three gallons, is double seamed and soldered on the inside. Easy to fill and clean. The heater keeps the water from freezing by the use of a small lamp that is perfectly safe and requires but very little oil. Fountain with heater and lamp, complete, \$2.50.



Non-Freezing Fountain. Perfection



Atsatt "Sanitary" Drinking Fountain

The best Fountain on the market. Made of heavy galvanized iron, perfect in workmanship, it is the best, most convenient and durable fountain on the market. 1 gal. size, 50c each; 2 gal. size, 85c each.

Galvanized Iron Wall or Hub Fountain

A galvanized iron hood projects over the water trough and protects the water from becoming soiled. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons. 1 qt. size, each 40c; 1 gallon size, each, 60c; 2 gallon size, each, \$1.00.

Galvanized Iron Automatic Poultry Fountain

Made of heavy galvanized iron; water pan fastened with hinges and spring clip, making it very simple to clean. Can be either hung up or set on shelf or box. 1 gallon, 60c each.

Reliable Galvanized Hanging Drink Fount

This fount is designed to provide clean, pure water for fowls at all times. As it is hung on the side wall in or out of poultry house, it overcomes all possibility of the fowls scratching dirt of any kind into the water. Made in one size only. Price, each, 45c; doz., \$4.50.

The Hen Friend Drinking Fount

Strong, cheap, durable and practical. Made of heavy galvanized iron. Price, 1 qt., each, 25c; 4 qt., each, 50c; 6 qt., each, 75c.

Delphos Patent Drinking Fountain

Extra heavy galvanized iron; round top, durable and sanitary; easily cleaned. Indestructible. 1 gallon size, 50c; 6 for \$2.50.

The Norwich Automatic Drinking Fountain

This new Fountain is of the siphon principle. Can be attached to any keg or empty butter tub. Send for circulars. Price, \$1.00 each.

Philadelphia Galvanized Iron Drinking Fountain

Made of heavy galvanized iron, all seams being carefully turned and soldered. Easily cleaned. Price: 1 qt. size, 25c each; 6 for \$1.25; 2 qt., 35c each; 6 for \$1.75; 3 1/2 qt., 50c each; 6 for \$2.50; 6 qt., 75c each; 6 for \$4.00.



Hallock's Food and Water Holder.

Hallock Food and Water Holder

(Patented.)

Recommended both as food and water dishes. The tops and bottoms of these holders are separable by placing the palm of the hand on the top of the upright post, slipping the fingers under the iron brace that is fastened to the upper metal pan, then pressing downward, causing the wires to spread, thus releasing the lower pan. Price, each, small, 1 gallon, 75c; medium, 2 gallon, \$1.00 each; large, 3 gallon, \$1.25 each.

I. X. L.—The Sanitary Fountain

This fountain is designed so that it can be instantly opened and thoroughly cleaned in a few seconds. Made from heavy galvanized iron. Price, 2 qt. size, 35c each; 4 qt. size, 50c each.



Norwich Automatic Drinking Fountain.



Barrel Shaped Stoneware Fountain.



Wall or Hub Fountain.

Stoneware Barrel Shaped Drinking Fountain

For any one who desires a crock or earthenware drinking fountain, these founts are not excelled for poultry and pigeons. They are easily filled, never tip over and never get out of order. Made in three sizes. 1/2 gallon, 25c; 1 gallon, 35c; 2 gallon, 50c.

Stoneware Jug Shaped Poultry Fountain

It is made in two parts, the saucer being separated from the upper portion, so it can be easily separated and thoroughly cleaned. 1 qt., 30c; 2 qt., 40c; 1 gallon, 50c; 2 gallon, 75c.



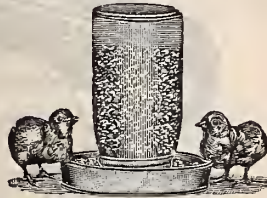
4 Sizes Standard Galvanized Iron Fountains.

The Standard Galvanized Iron Drinking Fountain

Made of heavy galvanized iron, in two pieces. Easily cleaned. 1 qt., 25c; 2 qt., 35c; 3½ qt., 50c; 6 qt., 75c each.



Lathrop Chick Server.



Grant's Automatic Fountain.

Grant's Automatic Feeder and Fountain

Just the fountain you have been looking for. It feeds water, grain, grit, oyster shells, etc. Any size Mason glass jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense. Price, 20c each; 6 for \$1.00. By mail, 30c each.

Lathrop Chick Server

This is a very practical device for serving water, grain, grit or soft food to chicks. Price, 35c.

Klean Drink Fountain

It's the simplest and most perfect chick fountain ever invented. Made of galvanized iron, zinc and wire, so there's nothing to rust. Fits any standard regular fruit jar which you have on hand. (We do not furnish jars.) Price, without glass jars, 25c each; 6 for \$1.35.



Klean Drink Fountain.



Mason Chick Server

A galvanized pan made to hold any Mason fruit jar. Easily cleaned and keeps water always so it can be seen. Each, 25c; 6 for \$1.25; without the bottle.

Atsatt's Sanitary Chick Drinking Fountain

Will go in any brooder; easy to clean; will not upset; not injured by freezing. Each, 30c. By mail, 35c.

Galvanized Iron Brooder Fount

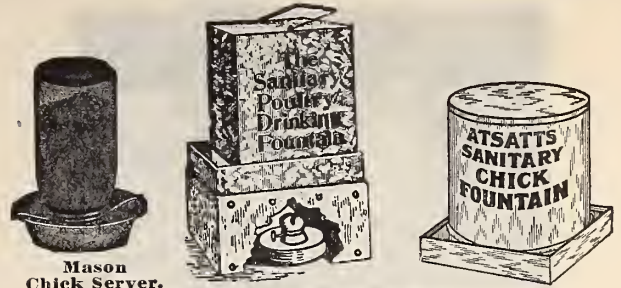
This is a companion for the Brooder Grit Box. Made of galvanized iron. Six inches high. Hangs at side of brooder. Price, 50c each.

Davis Food and Water Fountain

Can be used with any size bottle, or with pint, quart or two quart glass jar. Price, 25c each; bottle not included.

Iron Poultry Drinking Trough

An indispensable article in the poultry yard; heavy; does not turn over; readily cleaned. Price, No. 1, 7½ inches long, 25c each; No. 5, 19 inches long, 50c each.



Mason Chick Server.

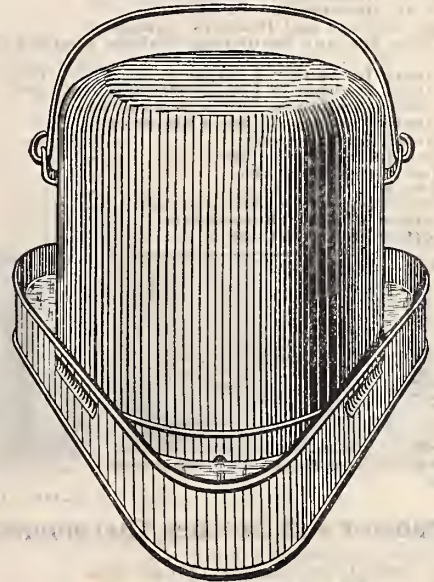
Sanitary Fountain with Heater.

Sanitary Fountain Heater

If you expect results in the winter, do not make your fowl drink ice water. The Sanitary Fountain Heater is a comfort for poultry, is very little trouble. No expense and no danger. Will burn 72 hours. 1 gallon size Fountain with heater, \$1.25; 2 gallon size Fountain with heater, \$1.75. Heater separate, 75c each.

Feed Cup

Used for mating or exhibition coops. 15c each; 12 for \$1.50.



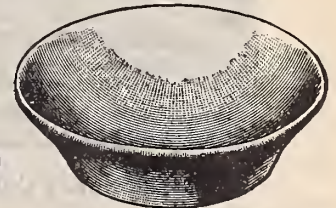
Chapman's Drinking Fountain.

Chapman's Quick Detachable Fountain

Is by far the best galvanized iron fountain in the world. It is constructed with a cylindrical reservoir and a triangular pan. The ring around the base of the reservoir locks securely with the three indentations on the three straight sides of the triangular pan, leaving 3 drinking cups, formed by the 3 points of the triangle. The 3 drinking cups are so constructed that roosters' wattles will not get wet and freeze in cold weather, and a bird with a fine large comb can drink with perfect freedom. An experienced poultryman can easily see the great merit that this fountain possesses. Price, 1 qt. size, 50c each; 4 qt. size, 90c each.



Davis Water Fountain.



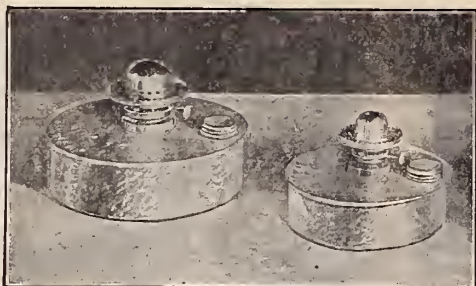
Pigeon Nappies.

The Standard Aluminum Fountain

Made of aluminum, will not rust; fits any Mason fruit jar; easily cleaned; just the fountain for little chicks. Price without jar, 20c each; 3 for 50c. By mail, postage paid, 30c, each; 4 for \$1.00.

Pigeon Nappies

Made of wood, especially for the purpose. Price, each, 10c; 12 for \$1.00.



Incubator Lamps.

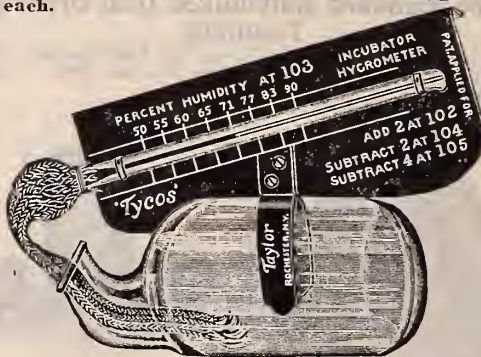
Incubator Lamps and Burners

Buckeye Incubator Lamp Bowls	Each	.60
Buckeye Incubator Lamp Chimneys, each		.40
Buckeye Incubator Lamp Burners, each		.35
Buckeye Gas Burners, with Chimney		1.00
Buckeye Incubator Thermostats		1.50
Buckeye Incubator Regulating Rods		.75
Atsatt Safety Brooder Lamps, each		1.25
Oakes' Hydro Safety Lamp, No. 1, each		1.00
Oakes' Hydro Safety Lamp, No. 2, each		1.25
Oakes' O. K. Burners, No. 2, each		.45
Oakes' O. K. Burners, No. 3, each		.60
Old Trusty Lamps and Burners, complete		1.25
Lamp Wicks for any incubator, 3 sizes, postage paid, doz.		.40
Prairie State Incubator Lamps	75c, 90c	\$1.00
Prairie State Incubator Lamp Burners	35c, 40c	.50
Prairie State Incubator Lamp Wicks, doz.		.40
Prairie State Brooder Lamp Chimneys		.35
Prairie State Egg Testers		.25
Mandy Lee Incubator Lamps		1.00
Mandy Lee Lamp Burners		.35
Mandy Lee Egg Testers		.35
Mandy Lee Thermostat Wafers, each		1.00
Metal Mother Wafer Thermostats		.60
Metal Mother Damper Caps		.25



Mandy Lee Hygrometer

The handling of moisture in incubators has been entirely guesswork, there being no absolute method of ascertaining the amount in the egg chamber. Therefore, moisture was supplied when it should not have been, and not supplied when it should. With the use of the Mandy Lee Hygrometer the correct amount of moisture can be attained in the incubator. **Mandy Lee Hygrometer**, each, \$2.50, postage paid. Wicks for Hygrometers, 10c each.



Tycos Hygrometer.

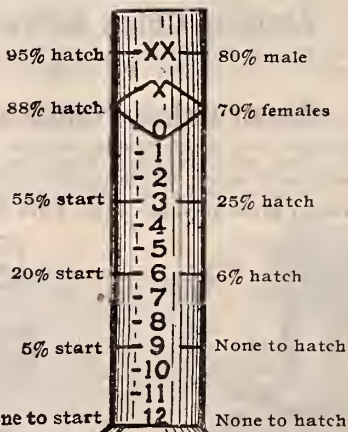
The "Tycos" Incubator Hygrometer

A practical and satisfactory factory device for this purpose. Direct readings are obtained instantly, without the use of tables or calculations. Works in any make of incubator. Price, postpaid, \$1.50. Extra Wicks, 15c each.

Model Hygrometers

Price, each, \$1.25. By mail, \$1.35.

(45)



Magic Egg Tester

The above cut shows just how the first test indicates fertility. Simply to give an idea, the cut shows the strength of "xx," "x," "0," "3," "6," "9" and "12" eggs only. The "Incubation Chart" gives full information for every grade.

Egg Testers

BREEDER'S MAGIC EGG TESTER.

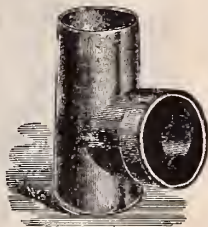
Designed especially to show before incubation which eggs will give to the germ the greatest strength and most complete nourishment, so that eggs having weak germs may be rejected. The illustration gives a good idea of the Tester and how it looks. This explains the absolute necessity of getting the Tester in time so as to be able to tell when the hens lay "x" or "xx" eggs. Complete circulars on request. Price of Magic Egg Testers, \$2.00 each, postage paid.

X-Ray Egg Tester

Designed for use on an ordinary hand lamp and fits over any style of burner with a diameter approximately that of the Tester. Each, 25c. By mail, 35c.



Atsatt Safety Lamp.

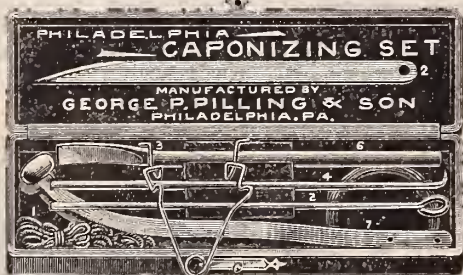


X-Ray Egg Tester.

Incubator and Brooder Thermometers

Prices below are postage paid.

Schwil's Best Thermometer, Small size	Each	\$.50
Schwil's Best Thermometer, Large size		.75
Mandy Lee Incubator Thermometer		.75
Prairie State Incubator Thermometer		.75
Metal Mother Incubator Thermometer		.60
Brooder Thermometer		.50
Buckeye Incubator Thermometer		.65
Old Trusty Incubator Thermometer		1.00
Tycos Thermometer		.75
Wires for Hanging Thermometers		.15



Philadelphia Caponizing Set

With the proper instruments caponizing is a simple lesson, wholly mastered by a few minutes' study. This outfit is very complete. Price, \$2.75, postage paid.

Pilling Special Caponizing Set

The finest set in the world for the price. It is used just the same as other caponizing sets, except that the testicle remover cuts, like a pair of scissors, the cord of the testicle clean and clear as a whistle. The instruments in this set are put up in oak case. Sent postpaid with full easy to use directions, on receipt of \$4.00.

Pilling Fowl Catcher

Price, 25c, postpaid.

Leg Bands

Champion Leg Bands—This aluminum band is made in one piece, adjustable to fit any fowl. They will stay where you put them. Held by double lock; it is impossible for them to lose off. Price, postpaid, 12 for 15c; 25 for 25c; 100 for 75c.



Champion Leg Bands.

Smith Double Clinch Bands—This is one of the most popular flat bands on the market; made in aluminum, it has an exceptionally strong fastening, consisting of two clinches which close down over the ends of the band in such a way as to make it practically impossible to lose them off. 12 for 15c; 25 for 25c; 50 for 40c; 100 for 75c.



Smith Double Clinch Bands.



Convenient Leg Bands.

Convenient Leg Band—Doz., 20c; 100, \$1.25, postpaid.
Reliable Copper Leg Band—Doz., 15c; 100, \$1.00, postpaid.
Pigeon Leg Band—Doz., 25c; 100, \$1.50, postpaid.
Smith Sealed Leg Bands—Doz., 30c; 25 for 50c; 100 for \$1.50.
Smith Sealers—Made especially for using on Smith Leg Bands. Each, 60c.

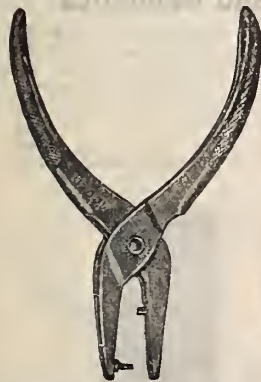
Poultry Punches

PETTEY POULTRY PUNCH.

One of the best; can be carried as a watch charm. Cuts clean hole with ease. Price, 25c, postpaid.

THE MODEL TOE MARKER.

The Model Toe Marker is accurately fitted for cutting a clean hole. It has a separate stop between the jaws to prevent bruising the web of the foot. Price, 50c each, postage paid.



Model Poultry Punch.



Pilling Chick Marker.



PHILADELPHIA CHICK MARKER.

This punch is so simple in construction that it will appeal to all as a practical tool. It makes a good, clear, clean cut, and does not mutilate the web, as do many cheaper punches. Price, 35c each, postage paid.

DAVIS' CHICK MARKER.

Each, 25c, postage paid.

PHILADELPHIA GAPE WORM EXTRACTOR.

Price, 25c, postage paid.

PILLING FRENCH POULTRY KILLING KNIFE.

They are made of finely tempered instrument steel, with nicked handle; will last a lifetime. Sent postpaid on receipt of 50c.



ACME SPRING LEVER PUNCH.
Each, 35c, postage paid.

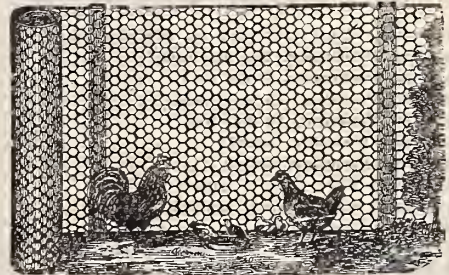


Wire Hens' Nests

These nests are strongly made from heavy wire, and will last a lifetime. They are easily kept clean. Each, 25c; 6 for \$1.25.

Clay Pigeon Nests

Made of high grade and valuable clay, terra cotta in color, well formed in design and superior in finish. Diameter, 8 inches. Each, 15c; 2 for 25c; doz., \$1.20; 100, \$9.00.



Galvanized Wire Netting.

Galvanized Wire Poultry Netting

We furnish Poultry Netting in large and small meshes. 150 feet in a roll. We do not break rolls or sell less than original package.

2-INCH MESH.		
1 foot high.	Per roll of 150 feet	\$.95
2 feet high.	Per roll of 150 feet	1.45
3 feet high.	Per roll of 150 feet	2.00
4 feet high.	Per roll of 150 feet	2.60
5 feet high.	Per roll of 150 feet	3.60
6 feet high.	Per roll of 150 feet	4.00
1-INCH MESH.		
1 foot high.	Per roll of 150 feet	\$2.00
2 feet high.	Per roll of 150 feet	3.25
3 feet high.	Per roll of 150 feet	2.00
4 feet high.	Per roll of 150 feet	2.60
5 feet high.	Per roll of 150 feet	7.25
6 feet high.	Per roll of 150 feet	7.80

F. o. b. Memphis. Special prices on large lots.



Automatic Greaser for Chicks.

Improved Automatic Greaser for Chicks

Saves the chicks from vermin. The chicken its own doctor. Will grease 100 chickens in a few minutes. Kills mites, fleas, lice and red bugs. The chicken, while eating out of the pan, rubs against the wick, greasing itself; you don't catch them. Put melted lard in the tank and feed in the pan, set pan in the yard among the chicks and see how quick it works; the chicken and wick come together and the vermin are killed. No. 1 Machine, for 50 chicks, 75 cents. By express only.

Remedies and Egg Producers

We carry a complete stock of all the best preparations. These prices are f. o. b. Memphis and do not include postage, unless so stated.



Schwill's Poultry Remedies

Our own brand. Equal to any on the market.

- Schwill's Egg Producer, 2½ lb. box.....\$.25
- Schwill's Egg Producer, 7 lb. box..... .50
- Schwill's Lice Powder, 15 oz. box..... .25
- Schwill's Lice Powder, 48 oz. box..... .50
- Schwill's Roup Powder, small..... .25
- Schwill's Roup Powder, large..... .40
- Schwill's Liquid Lice Paint, quart..... .30
- Schwill's Liquid Lice Paint, gallon..... .90
- Schwill's Microzone, bottle..... .50
- Schwill's White Diarrhea Remedy, bottle..... .50
- Schwill's Poultry Dip, for chicken pox, qt..... .50

These prices are f. o. b. Memphis, and all carrying charges must be paid by purchaser.



Pratt's Poultry Food and Remedies

- Pratt's Poultry Regulator, 26 oz. box.....\$.25
- Pratt's Poultry Regulator, 4 lb. box..... .50
- Pratt's Poultry Regulator, 8 lb. box..... 1.00
- Pratt's Poultry Regulator, 12½ lb. bag..... 1.25
- Pratt's Roup Cure..... .25
- Pratt's Lice Powder..... 25c and .50
- Pratt's Liquid Lice Killer..... 35c and 1.00



Pratt's Stock Remedies

- Pratt's Animal Regulator, small pkg.....\$.25
- Pratt's Animal Regulator, medium pkg..... .50
- Pratt's Animal Regulator, large pkg..... 1.00
- Pratt's Animal Regulator, 25 lb. pail..... 3.50
- Pratt's Horse and Cow Food, 7 lb. bags..... .50
- Pratt's Horse and Cow Food, 12 lb. bags..... .75
- Pratt's Horse and Cow Food, 25 lb. bags..... 1.50
- Pratt's Worm Powder for Stock, box..... .50
- Pratt's Healing Powder, box..... .25
- Pratt's Heave Cure for Horses, box..... .50
- Pratt's Cow Tonic, box..... .50
- Pratt's Calf Tonic, box..... .50
- Pratt's Hog Specific Cholera Remedy..... .50
- Pratt's Distemper Cure for Horses..... .50
- Pratt's Colic Cure for Horses..... .50
- Pratt's Geriathol, bottle..... .25

The above prices do not include postage.

Lambert's Death to Lice

- Lambert's Death to Lice Powder, 5 oz. box.....\$.10
- Lambert's Death to Lice Powder, 15 oz. box..... .25
- Lambert's Death to Lice Powder, 48 oz. box..... .50
- Lambert's Death to Lice Powder, 100 oz. box..... 1.00
- Lambert's Death to Lice Ointment, 1 oz. box..... .10
- Lambert's Death to Lice Ointment, 3 oz. box..... .25

If wanted by mail, send money for postage.

Harding's Poultry Remedies

- Harding's Cholera Cure..... Package \$.25
- Harding's Roup Powder..... .50
- Harding's Lice Powder..... .25
- Harding's Lice Ointment..... 10c and .25
- Harding's Scaly Leg Ointment..... .25

If wanted by mail, send money for postage.



Lee's Poultry Foods and Remedies

- Lee's Germozone, Liquid, bottle.....\$.50
 - Lee's Germozone, Tablets, box..... .50
 - Lee's Egg Maker..... .25
 - Lee's Lice Killer, Powder..... .25
 - Lee's Lice Paint Liquids, quart..... .35
 - Lee's Lice Paint Liquids, 2 quart..... .60
 - Lee's Lice Paint Liquids, gallon..... 1.00
 - Lee's Hog Remedy, 25 lb. pails..... 2.00
- If Lee's Poultry Supplies are wanted by mail, send extra money for postage.



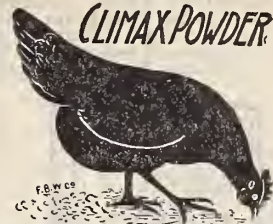
Zenoleum Preparations

- Zenoleum Lice Powder, box.....\$.25
- Zenoleum Lice Liquid, quart..... .35
- Zenoleum Lice Liquid, 2 quart..... .60
- Zenoleum Lice Liquid, gallon..... 1.00
- Zenoleum Dip and Disinfectant, 8 oz. can..... .25
- Zenoleum Dip and Disinfectant, quart can..... .50
- Zenoleum Dip and Disinfectant, 2 quart can..... .90
- Zenoleum Dip and Disinfectant, gallon..... 1.50

All f. o. b. Memphis. These are not mailable.



RUST'S HAVENS CLIMAX POWDER



CURES SICK FOWLS AND KEEPS THEM HEALTHY

Sterlingworth Remedies

Sterlingworth Diarrhea Remedy, box.....	\$.50
Sterlingworth Roup Powder, small box.....	.25
Sterlingworth Roup Powder, large box.....	.50
Sterlingworth Cholera Remedy, box.....	.50
Sterlingworth Going Light Tablets, box.....	.25
Sterlingworth Roach and Ant Chaser, box.....	.25
Sterlingworth Roach and Ant Chaser, 5 lb. can.....	2.00

Conkey's Poultry Medicines and Foods

These prices do not include mailing charges:

	Package
Conkey's Laying Tonic	\$.25
Conkey's Lice Powder .....	.25c and .50
Conkey's Head Lice Ointment	10c and .25
Conkey's Lice Killing Paint, quart.....	.35
Conkey's Roup Cure .....	.25c and .50
Conkey's Cholera Cure .....	.25c and .50
Conkey's Chicken Pox Remedy.....	.50
Conkey's Diarrhea Remedy .....	.50
Conkey's Sealy Leg Remedy.....	.50
Conkey's Limber Neck Remedy.....	.50
Conkey's Poultry Tonic .....	.25
Conkey's Gape Cure .....	.50
Conkey's Mange Cure for Dogs.....	.50
Conkey's Distemper Cure for Dogs.....	.50
Conkey's Noxide, pint .....	.35
Conkey's Noxide, quart, 60c; 2 quarts.....	1.00
Conkey's Ant Exterminator .....	.25
Conkey's Fly Spray, quarts .....	.35
Conkey's Fly Spray, 2 quarts.....	.60
Conkey's Fly Spray, gallon.....	1.00
Conkey's Poultry Laxative .....	.50
Conkey's Bronchitis Remedy.....	.50
Conkey's Poultry Worm Powder.....	.50
Conkey's Stock Vigor .....	.25
Conkey's Flea Salve .....	.25
Conkey's Healing Salve .....	.25

If wanted by mail, send extra money for postage.



Rust's Poultry Powders

We have been selling these preparations for 25 years. Customers say they want no better.

Rust's Havens Climax Condition Powder, 13 oz. box, 25c; 32 oz., box, 50c; 5 lb. box, \$1.00.	
Rust's Egg Producer.....	.25c, 50c \$1.00
Rust's Lice Powder .....	.25
Rust's Lice Paint, quart .....	.35
Rust's Rusoline, quart .....	.35
Rust's Roup Powder .....	.25
Rust's Haven Roup Pills.....	.25c and .50

The above prices do not include postage.



Magic Poultry Food

Magic Poultry Food, pkg.....	.25c and \$.50
Magic Lice Powder, 2 sizes.....	.10c and .25
Magic Death Powder, 2 sizes.....	.10c and .25
Magic Roup Powder .....	.35
Magic Stock Food .....	.50
Magic Stock Food, 25 lb. pails.....	.75
Magicoleum, 1/2 pt. cans.....	2.00
Magic Worm Powder .....	.25
Magic Colic Cure .....	.50
Magic Hoof Ointment	1.00
Magic Colic Cure .....	.25
Magic Hoof Ointment .....	.50
Magic Heave Cure .....	.50
Magic Distemper Cure	1.00
Magic All Heal Lintment .....	.25
Magic Fly Off, quart can.....	.50
Magic Fly Off, gallon can.....	1.50

All Magic Goods must be sent by express.



Spratt's Patent Poultry, Dog, Parrot and Fish Foods

Spratt's Chicgrain, 5 lb. box.....	\$.25
Spratt's Chicgrain, 10 lb. sack.....	.40
Spratt's Chicgrain, 25 lb. sack.....	.85
Spratt's Parrot Food, pkg.....	.10
Spratt's Poultry Diarrhea Cure, pkg.....	.25
Spratt's Dog Cakes, small box.....	.25
Spratt's Dog Cakes, large box.....	.50
Spratt's Dog Cakes, 100 lb. box.....	6.50
Spratt's Puppy Cakes, box.....	.25
Spratt's Terrier Biscuits, box.....	.25
Spratt's Pet Dog Biscuits, box.....	.25
Spratt's Puppy Meal, box.....	.10
Spratt's Puppy Meal, Pepsinated.....	.25
Spratt's Aquarium Fish Food, small.....	.10
Spratt's Aquarium Fish Food, large.....	.25
Spratt's Dog Soap, cake.....	.35

These prices do not include mailing.

Cyphers Poultry Remedies

Cyphers Lice Powder, pkg.....	\$.25
Cyphers Lice Paint, qt., 35c; gallon.....	1.00
Cyphers Roup Powder.....	.50
Cyphers Full Nest Egg Food.....	.25c and .50
Cyphers Ovinaphthol Nest Eggs, doz.....	.75
Cyphers Salt Cat, pkg.....	.25

These prices do not include postage.

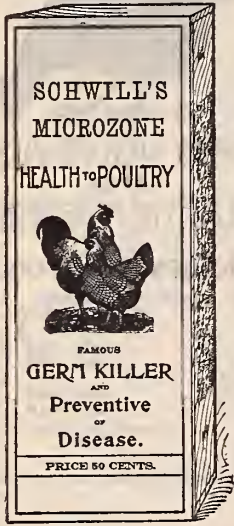
Model Poultry Remedies

	Package
Model Lice Dust.....	10c, 25c and \$.50
Model Chicken Pox Salve, pkg.....	.25
Model Egg Maker, box.....	.25c and .50
Model Lice Spray, qt.....	.35
Model Lice Spray, 1/2 gallon.....	.60
Model Roup Cure.....	.25c and .50
Model Cholera Cure .....	.25c and .50
Model Disinfectant, qt. can.....	.50

These prices do not include postage.

International Poultry Preparations

International Poultry Food, box.....	25c, 50c and \$1.00
International Louse Powder, box.....	.25
International Lice Paint, quart.....	.35
International Lice Paint, 2 quarts.....	.60
International Cholera Cure.....	.25
International Bowel Remedy.....	.50



International Stock Foods

International Stock Food, Pkgs., 25c, 50c and \$1.00; also 25 lb. pails, \$3.25 each.	
International Colic Cure.....	.50c and \$1.00
International Heave Cure.....	.50
International Pheno-Chloro.....	.25
International Worm Powder.....	.50
International Tar Foot Remedy.....	.50
International Gall Cure.....	.25c and .50
International Healing Oil.....	.25c and .50
International Distemper Cure.....	.50

Above prices do not include postage.

Germo Magic Cholérine

Germo Magic Cholérine—A vegetable compound for poultry, "death" to all diseases common to fowl. It will fatten them and put new life in them. Put in drinking water, will cure and prevent chicken pox and keep them in good condition. Price, 25c and 50c per hottle.

Germo Insecticide and Lice Killer

This is an effective preparation that will kill lice on poultry, horses, cattle, swine, plants, ticks on sheep, fleas on dogs, and moths in carpets and furs. Qt., 35c; 2 qts., 65c; 4 qts., \$1.25.

Dr. Hess' Poultry Powders

Dr. Hess' Poultry Panacea, 2 sizes.....	.25c and \$.60
Dr. Hess' Lice Powder, 2 sizes.....	.25c and .60

Dr. Hess' Stock Food

2½ lb. box, 25c; 7 lb. box, 50c; 25 lb. pails, \$2.00.	
Dr. Hess' Worm Remedy, pkg.....	\$.50
Dr. Hess' Distemper Remedy, pkg.....	.50
Dr. Hess' Healing Powder, pkg.....	.25
Dr. Hess' Dip and Disinfectant, quart can.....	.50
Dr. Hess' Dip and Disinfectant, 2 quart can.....	.75
Dr. Hess' Dip and Disinfectant, gallon can.....	1.25

Old English Salt Cat

An aromatic, nutritive and tonic combination for Homing and Fancy Pigeons, Game Fowls, Pheasants, Turkeys, etc. Price, 25c each.



NOTICE

Patrons sending us checks on country banks must add 10c for the collection charges on the same. Where this is not added, we will send only goods for amount of check less 10c collecting charges.

"Oculum" White Diarrhea Cure

Scientific remedy and preventive for cholera, roup and white diarrhea; also cure for gapes. Inoculation for fowls is a new discovery. Oculum is a sure cure for cholera, roup and white diarrhea in fowls. Oculum is also a preventive of these diseases. Inoculate your fowls with Oculum and they will be healthy. The deadly germ of cholera and white diarrhea is in the egg. The chick when hatched is a candidate for early death. Send for circular. 2 sizes, 50c and \$1.00 per hottle. By express only.

Schwill's Microzone

Disease cure and preventive. Keeps poultry in a healthy condition. A valuable antidote for many diseases of live stock. Will cure roup, cholera, indigestion, bowel complaints, canker, frosted combs, chicken pox, swelled head, sores, cuts, wounds, sore eyes, etc., etc. We strongly recommend its use occasionally, once or twice a week, in drinking water, which will prevent the possibility of disease invading the chicken house. Also cures sore mouth, sore breast, back or shoulders cracked heels, thrush, wounds, cuts, sores, saddle galls. Full directions on each bottle. Per hottle, 50c.

Dustyne for Lice

A sure and easy cure. Dustyne absolutely exterminates lice, not only from your fowls, but from your poultry houses and yards. Dustyne and lice cannot exist together—when Dustyne comes lice must go. And they go to stay. This is the big advantage with Dustyne. With ordinary old-fashioned treatment you are no sooner rid of lice than they begin to come back. Dustyne is different. Instead of being used as a medicine or disinfectant, requiring individual treatment, Dustyne is used in the simple natural form of a dust bath. The fowls use it themselves every day, dusting in it naturally and keeping themselves absolutely free from lice all the time. Thus Dustyne offers a wonderful advantage—it not only keeps your fowls free from lice all the time, but does this without care or effort on your part. Price, 50 lb. hag, \$1.00; 100 lb. hag, \$1.50, f. o. h. Memphis.

Minor's Fluid

Dip, Disinfectant, Insecticide.

"THE YELLOW CAN."

KILLS

Lice

Ticks

Fleas

Parasites

Worms, etc.



CURES and PREVENTS Chicken and Hog Cholera Scab, Mange Sore Head Roup, Gapes Contagious Abortion

The above cut on a Yellow Label is a Guarantee of Quality.

An Absolute Necessity to the Poultry Raiser.

Equally Effective on All Stock.

SAFE, ECONOMICAL, EFFECTIVE.

Per Pint, 25c; Quart, 50c; Gallon, \$1.25; 5 Gallon Can, \$5.00 each, f. o. h. Memphls.

Miscellaneous Poultry and Stock Remedies

Black Draught—A splendid preventive and cure for cholera and other poultry diseases. It is also a good medicine for hogs, cattle and horses. Per box, 25c. By mail, 40c.

Kreso Dip No. 1—Kills lice and mites. Pints, 35c; quart, 60c; gallon, \$1.25.

F. P. C. Roup Preparation—For roup disease. ½ lb. pkg., 20c. By mail, 30c.

Prairie State Going Light Tablets—These tablets are guaranteed to cure the dreaded disease known as "Going Light." Price, 25c per box.

Medicated Salt Brick—As its name implies, it is in brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. By this simple plan they take their medicine. Price, per brick, 25c. Holders, 15c each.



Blackman's Medicated Salt Brick

Composed of the purest dairy salt, sulphur, saltpetre, copperas and nux vomica, as prescribed by a graduate of the American-Veterinary College of New York City, for the ordinary diseases of the animals for which it is intended.

What It Does—Aids digestion, purifies the blood, removes ticks and worms, cures skin diseases, kidney, stomach and bowel trouble; prevents colic, blind staggers, heaves, Texas fever, lampers, murrain and cholera. Creates a healthy appetite, tones up the system, removes old coat of hair and brings out the new.

What It Don't Do—Don't get old and wormy; don't lose strength with age; don't get eaten up by mice and rats; don't have to be hunted up and dosed out at feeding time (often in the dark) as do other remedies, for after being placed in the feed box or holder it is always where stock can get it as they need it.

WHAT OTHERS SAY.

All my stock, including stallions and brood mares, have been licking your Medicated Salt Brick for the last two years with splendid results. It is especially good for mares in foal. **J. T. ATTERBURY.**
Estill, Miss., May 18, 1911.

I have used and sold your Medicated Salt Brick and have not had a single complaint from my many customers. It is the best remedy I ever saw for worms in all kinds of stock, especially where they look bad and long haired in the spring. Nine times out of ten, in cases of this kind, it is worms, and there is where the Brick comes in. We breed Poland China hogs and could not do without your Medicated Salt Brick to keep them in condition. **R. P. WRIGHT & SONS.**
Carthage, Miss., Route No. 1, June 7, 1911.

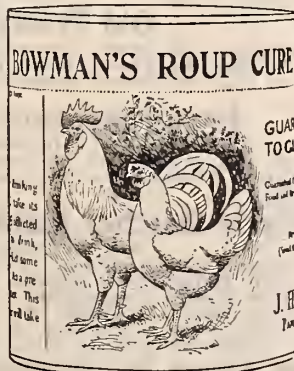
We have been selling your Medicated Salt Brick for some time and also giving it to our own stock, and consider it one of the best stock remedies on the market. A customer had a fine mule that would not eat. He tried one of your Medicated Salt Bricks and the mule was restored to perfect health, and he is now giving them to all of his stock. **W. C. OLIVER & SON.**
Lyons, Ga., May 15th, 1911.

Your Medicated Salt Bricks are selling right along. People seem to be finding out that it is a good thing for stock. **LEE & BLAKE.**
Greenwood, S. C., April 29, 1910.

Price, 25c per brick; 6 bricks, \$1.35; 12 bricks, \$2.50, f. o. b. Memphis.

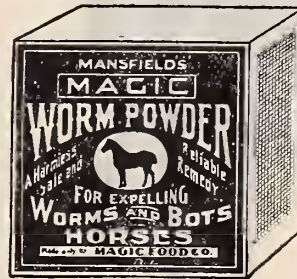
NOTICE

Patrons sending us checks on country banks must add 10c for the collection charges on the same. Where this is not added, we will send only goods for amount of check, less 10c collecting charges.



Lee's Germozone

Will save your chicks. More chickens die annually from bowel complaint and cholera than from all other diseases combined. Yet these are the easiest of all diseases to prevent or cure. Bowel complaint and cholera can be checked in twenty-four hours by the proper use of Germozone—the poultry medicine. A tablet or a tablespoonful of the liquid in the drink occasionally is all that is necessary. Germozone is a germicide—a bowel regulator—the best cure for poultry that has yet been produced. For bowel complaint, cholera, roup, sore head, limber neck and other diseases of a similar nature, it is considered by poultry raisers almost infallible. Read the words of praise others have to say of it. Get it now and use as a preventive rather than be compelled to use it later in the season as a cure. Sick hens won't lay, and sick chicks won't grow. Keep them healthy and profitable by the occasional use of Germozone. **Liquid Germozone, price, 50c per bottle. By express only. Tablets, by mail, postpaid, 50c per box.**



Price on page 97.



Price on page 97.

White Diarrhea Remedy for Baby Chicks

Made especially for us. A certain cure for this dreaded malady that is so fatal to chicks. Experiments the past season have proven this remedy satisfactory in every way. Used in the drinking water, acts both as a preventive and cure. **Price, 50c per bottle. By express only. Cannot be mailed.**

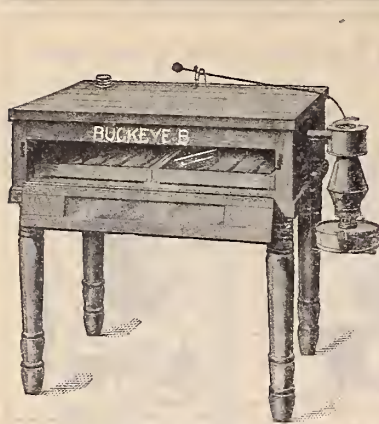
Bowman's Roup Cure

Is guaranteed to cure and prevent all forms of roup, colds, catarrh, canker, sore eyes and diphtheria. It cures or your money back cheerfully and without question. Can anything be fairer? Try it once and you will never be without a box. Package double the size of any other roup cure on the market. **Price, 25c per box. By mail, 35c, postage paid.**

Poultry Dip for Chicken Pox

Our own preparation and a certain cure for chicken pox, besides a fine disinfectant and kills lice on poultry. **Qt. can, 50c.**

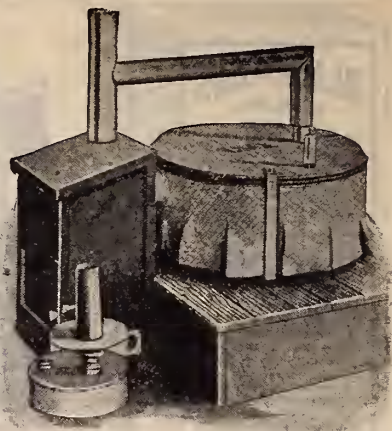




Standard 110-Egg 1912 Buckeye Incubator.



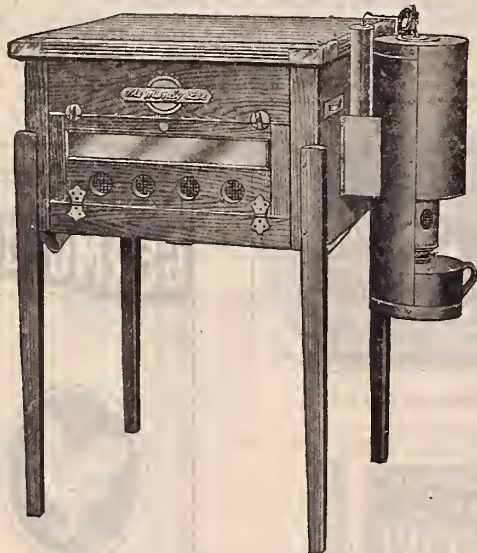
Prairie State Incubator.



Prairie State Universal Hover.

Incubators and Brooders

We are agents for the following well known machines, which we consider the best on the market, without an exception. We carry a full line in stock and are prepared to make prompt shipments. Send for special catalogues. Owing to limited space, we are unable to describe them fully, but will send full catalogues and circulars on request. Prices quoted are all f. o. b. Memphis.



1912 Mandy Lee Insurable Incubator.

1912 Insurable Mandy Lee Incubators and Brooders

The 1912 Mandy Lee Incubators are beauties and have many improvements. In the Mandy Lee heat is measured and regulated automatically. Moisture is measured and regulated automatically. Ventilation is automatic. The direction book is complete. Adaptable to any climate or altitude, because conditions are always correct at the eggs. Brings out uniform and big hatches and strong chicks.

Mandy Lee Incubators and Brooders

Mandy Lee 60 Egg Machine.....	\$10.00
Mandy Lee 100 Egg Machine.....	18.00
Mandy Lee 140 Egg Machine.....	22.00
Mandy Lee 200 Egg Machine.....	27.00
Mandy Lee 280 Egg Machine.....	32.00
Mandy Lee Regular Brooder.....	13.00
Mandy Lee Fireless Brooder, 100 chick.....	5.00
Mandy Lee Fireless Brooder, 200 chick.....	8.00
Mandy Lee Fireless Indoor Brooder.....	3.50

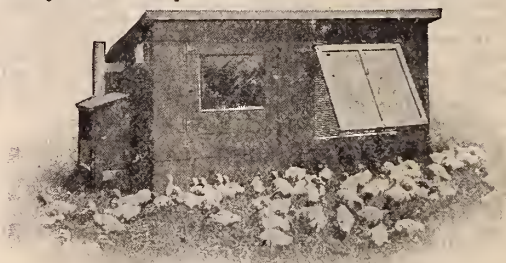
The Mandy Lee Incubators are all supplied with the special Mandy Lee Hygrometer or Moisture Gauge, with the exception of the 60 egg size machine. Full catalogue of Mandy Lee Incubators and Brooders mailed for the asking.

For Price List of Incubator Supplies, Lamps, Burners, Etc., See Preceding Pages

Prairie State Incubators, Brooders and Hovers

No. 0 Prairie State 100 Egg Incubator.....	\$18.00
No. 1 Prairie State 150 Egg Incubator.....	22.50
No. 2 Prairie State 250 Egg Incubator.....	32.00
Junior Prairie State 100 Egg Incubator.....	15.00
Prairie State Colony Brooder No. 1.....	20.00
Prairie State Colony Brooder No. 2.....	16.00
Prairie State Colony Brooder No. 3.....	12.00
Prairie State Universal Hover, plain.....	6.00
Prairie State Universal Hover, with lamp case.....	7.00
Prairie State Universal Hover, with regulator.....	8.00

Full catalogue of Prairie State Incubators, Hovers, etc., sent by mail if requested.



Prairie State Outdoor Colony Brooder.

The 1912 Insurable Buckeye Incubators

Anybody can hatch chickens with a "Buckeye."

Style C 50 Egg Buckeye Incubator.....	Price.....\$ 7.00
Style A 60 Egg Buckeye Incubator.....	Price..... 9.00
Standard 60 Egg Buckeye Incubator.....	Price..... 11.00
Standard 110 Egg Buckeye Incubator.....	Price..... 16.00
Standard 220 Egg Buckeye Incubator.....	Price..... 24.50

Standard Buckeye Brooders

No. 1 Indoor 50 Chick Buckeye Brooder.....	Price \$ 7.00
No. 2 Outdoor 50 Chick Buckeye Brooder.....	Price 9.00
No. 3 Indoor 100 Chick Buckeye Brooder.....	Price 9.00
No. 4 Outdoor 100 Chick Buckeye Brooder.....	Price 13.50
No. 5 Buckeye Indoor Lampless 25 Chick Brooder.....	1.75
No. 6 Buckeye Indoor Lampless 50 Chick Brooder.....	2.75
Gas Heater for Buckeye Incubators, complete.....	1.00

Send for complete catalogue of Buckeye Machines for season 1912.

Old Trusty Incubator

100 Egg Old Trusty Incubator.....	\$12.00
150 Egg Old Trusty Incubator.....	15.00
200 Egg Old Trusty Incubator.....	19.00

Jewell Incubators and Brooders

125 Egg Jewell Hot Air Incubators, each.....	\$14.00
175 Egg Jewell Hot Air Incubators, each.....	19.00
Jewell Outdoor Brooder, each.....	14.00

Cycle Hatcher Metal Mother Incubators

Ask for complete catalogue.

Cycle Hatchers, 50 egg.....	Price.....\$6.50
Cycle Hatcher and Brooder Combined.....	Price..... 8.50
Cycle Brooder, galvanized.....	Price..... 3.00
Philo Books, postpaid.....	Price..... 1.00

Gives valuable information on poultry raising, artificial incubation and brooding chicks.

Standard Flower Pots



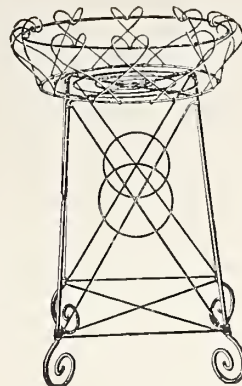
(WITHOUT SAUCERS.)

2½ inch	doz.	\$0.20
3 inch	doz.	.25
4 inch	doz.	.35
5 inch	doz.	.50
6 inch, each 10c	doz.	.65
7 inch, each 12c	doz.	1.00
8 inch, each 15c	doz.	1.50
9 inch, each 20c	doz.	1.75
10 inch	each	.25
12 inch	each	.50
13 inch	each	.75
14 inch	each	1.25
16 inch	each	1.75
18 inch	each	2.25



No. 29 Window Shelf

A serviceable Shelf for little money. Easily attached to window frame with two screw eyes. Made in two sizes.
33 in. long, 8 in. wide... each \$1.00
36 in. long, 8 in. wide... each 1.10



Single Pot Stand

Especially for specimen plants. Very strong; 12 inches in diameter; 19 inches high to shelf.
Price, \$1.00 each; 6 for \$5.40.

Wire Plant Stands

Your Plants will look prettier on one of our Plant Stands. Neat, durable and guaranteed.



No. 4 Half Round Wire Plant Stand. No. 8 Square Wire Plant Stand.

No. 4 Half Round—This is one of our most attractive stands; holds about 30 pots; is 48 inches wide, 31 inches deep. Price, each, \$4.50.

No. 5—Same as No. 4, with arch and hanging basket. Each, \$4.75.

No. 6 Square Wire Plant Stand—Has 3 shelves, which are 3 feet 3 inches long; stand proper 3 feet 2 inches high. Price, each, \$4.00.

No. 7 Square Stand—The same as No. 6, excepting that it has arch and hanging basket. Price, each, \$4.75.

No. 8 Square—This stand has two shelves 3 feet long. Price, each, 2.80.

No. 9 Square—Three feet long, two shelves; has arch and hanging basket. Price, each, \$3.50.

Seed or Bulb Pot

6 inch	each	\$0.15
8 inch	each	.25
10 inch	each	.30
12 inch	each	.40
14 inch	each	.50

Flower Pot Saucers

3 inch	doz.	\$0.20
4 inch	doz.	.25
5 inch	doz.	.30
6 inch	doz.	.40
7 inch	doz.	.60
8 inch	doz.	.75
9 inch	doz.	1.25
10 inch	doz.	1.50
12 inch	doz.	2.40
15 inch	doz.	3.60

Prices on Flower Pots are packed f. o. b. Memphis.



Wire Pot Hangers.



Wire Hanging Basket.

Wire Pot Hanger

For 5, 6, 7 and 8 inch Pot. Each, 10c; 6 for 50c.

Wire Hanging Baskets

8 inch	each	\$0.15
10 inch	each	.25
12 inch	each	.30
14 inch	each	.40

Steel Hanging Chains

No. 120, Each, 10c	doz.	\$1.00
No. 121, Each, 15c	doz.	1.50



Union Flower Tub.

Flower Tubs

Union Cypress—These tubs are made of ¾-inch cypress, which insures their keeping for years without rotting. Measurements are outside of tub.

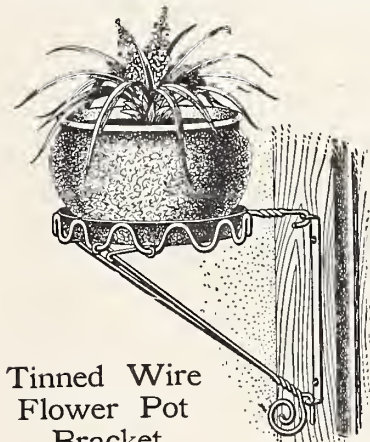
	Each.	
No. 1, 12 in. diameter	.....	\$1.00
No. 2, 15¼ in. diameter	.....	1.50
No. 3, 17¾ in. diameter	.....	2.00

Fern Pans

4¾ inch	each	\$0.10
5½ inch	each	.15
6¼ inch	each	.20
8 inch	each	.30
10 inch	each	.35

Azalea Three-Quarter Size Pots

5 inch	doz.	\$0.75
6 inch	doz.	1.00
7 inch, each 15c	doz.	1.25
8 inch, each 20c	doz.	1.85
9 inch, each 25c	doz.	2.25
10 inch, each 30c	doz.	3.25
12 inch, each 50c	doz.	5.00



Tinned Wire Flower Pot Bracket

Very neat and attractive in appearance. Made of steel wire and tinned after being made. Very strong. Easily put up and instantly removed. Made in two sizes.

	Each.	Doz.
5½ inches in Diameter	\$.15	\$1.50
6½ inches in Diameter	.15	1.60

Neponset Paper Flower Pots

2½ inch, per 1,000	.....	\$3.50
3 inch, per 1,000	.....	4.00

These are packed 1,000 to the box. No smaller quantities sold.



STRONG, Durable, Valuable

GARDEN Seed-Drill PLOW, CULTIVATOR

FREE.

With every order for Garden and Flower Seeds in packets 1-oz., 2-oz., 4-oz., 1-lb., pint and quart packages at Catalogue prices to the value of \$10.00 or over, we will send with your seeds one Garden King Drill. This order does not apply to any Poultry Supplies; only to Garden Seed.

THE GARDEN KING DRILL CULTIVATOR AND PLOW

This new implement will drill all sizes of seed from mustard to beet, and is so simple a boy can adjust it in a few minutes. A labor-saver as a weeder and cultivator. Within the reach of all; good enough for large planters and cheap enough for small gardens. Price, \$3.50.



SCHWILL'S SEEDS

ALWAYS

DEPENDABLE IN QUALITY.

NEW CROP.



STECHER CO. ROCHESTER, N.Y.

FRUIT TREES,

STRAWBERRY PLANTS.

*INCUBATORS,
BROODERS,
SPRAY PUMPS,
FERTILIZERS.*



*GARDEN TOOLS,
INSECT POWDERS,
CHICK FEEDS,
BEE SUPPLIES ETC.*

RED COMB POULTRY FOOD.