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SATEX

Seed and Poultry
Supply Annual

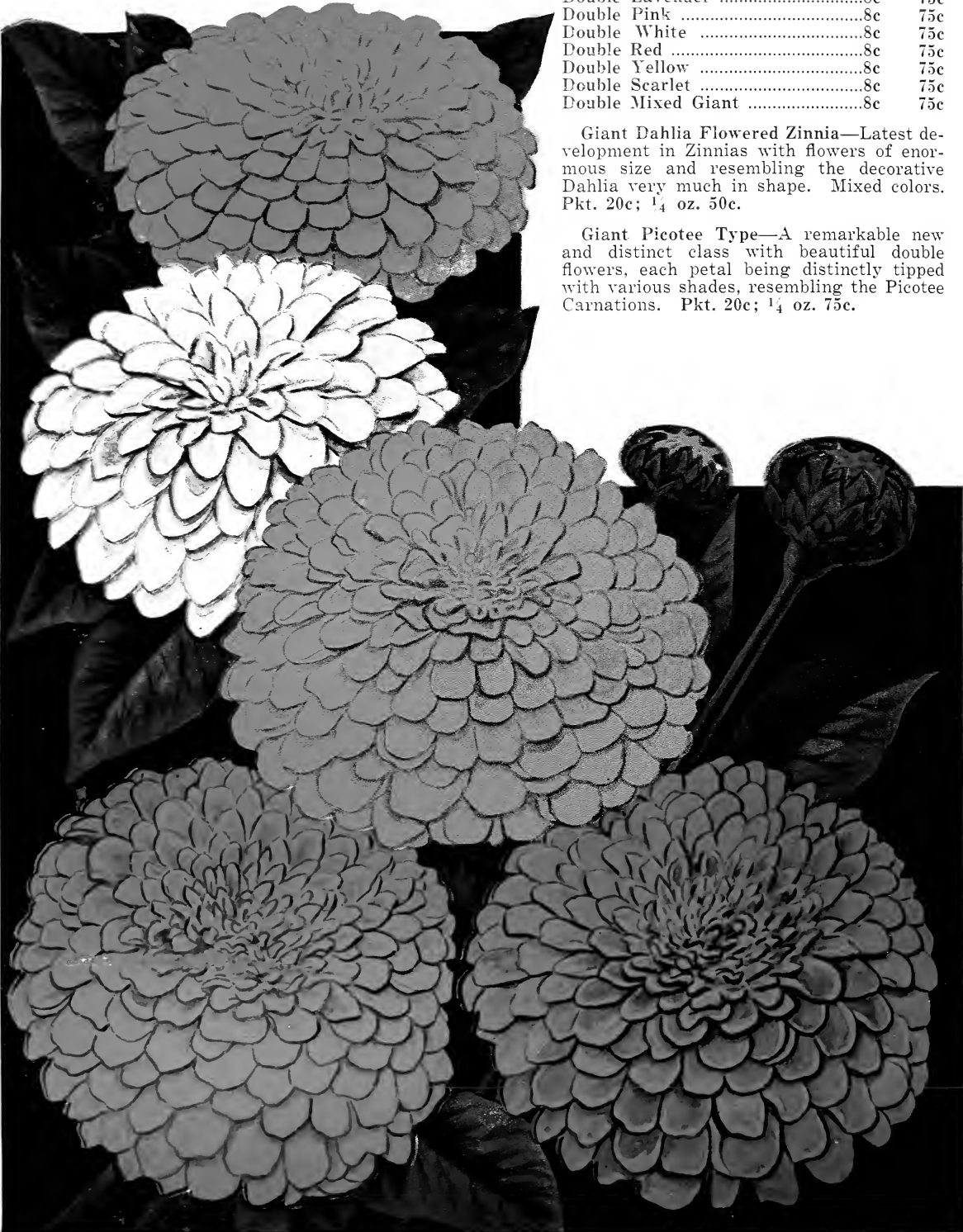
SATEX GIANT ZINNIAS

DON'T FAIL TO ORDER SOME OF THESE WONDERFUL ZINNIAS.

	Pkt.	Oz.
Double Lavender	8c	75c
Double Pink	8c	75c
Double White	8c	75c
Double Red	8c	75c
Double Yellow	8c	75c
Double Scarlet	8c	75c
Double Mixed Giant	8c	75c

Giant Dahlia Flowered Zinnia—Latest development in Zinnias with flowers of enormous size and resembling the decorative Dahlia very much in shape. Mixed colors. Pkt. 20c; $\frac{1}{4}$ oz. 50c.

Giant Picotee Type—A remarkable new and distinct class with beautiful double flowers, each petal being distinctly tipped with various shades, resembling the Picotee Carnations. Pkt. 20c; $\frac{1}{4}$ oz. 75c.



W-H-Y

YOU SHOULD PLANT SATEX TESTED SEEDS

We have been in the seed business for fifteen years, and know the best growers of every variety of seed grown. We buy from only such growers as we know are absolutely reliable and produce nothing but true to type stock. As soon as we receive the stocks from the growers, samples are immediately drawn by receiving clerk and turned over to our seed testing department for germination test. All seeds must show a high germination test before being accepted from the grower. This assures you of true to type and highest quality seed. Better seeds for less money is our slogan as you will find all 5c and 10c packages listed at 4c and 8c postpaid.

In Poultry Supplies and Remedies, we carry only such items that have proven their merit and will give you full value for the money invested.

SATEX SEED CO., Inc.



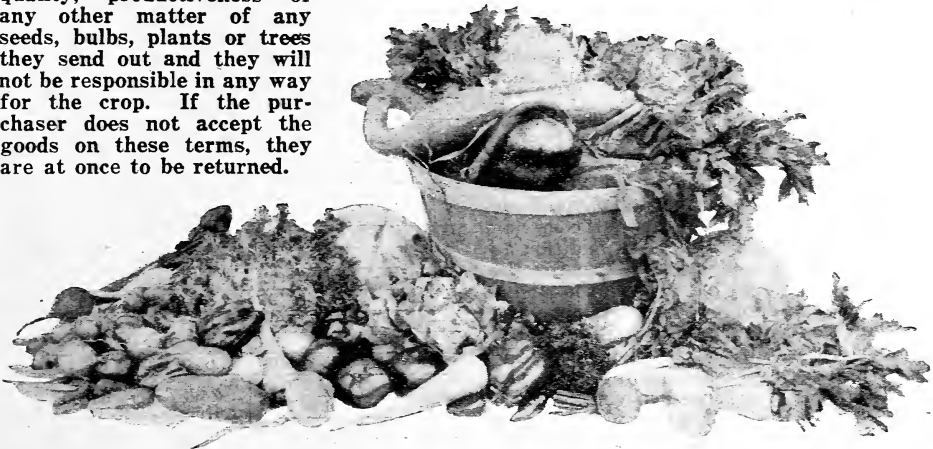
POSTAGE CHARGES

All garden and flower seeds quoted in catalog are postpaid up to the fifth zone. Field Seeds, Bulbs, Poultry Remedies and Supplies, Dog Remedies and Supplies, Bird Remedies and Supplies are quoted f. o. b. San Antonio. If you wish to have them sent by parcel post send enough postage to cover same, see Parcel Post rates on page 1. Insecticides and Fungicides can not be shipped by parcel post. In large shipments unless you specify way of shipment, we will ship cheapest way.

MEXICO CUSTOMERS—Add 14c per pound to prices, also 15c for registration. We ship up to 20 pounds per package into Mexico.

NON-WARRANTY—Note. There are many contingencies to be encountered in growing plants from seeds and in setting out plants that are dependent on the weather and other conditions over which we have no control, that success in planting is not altogether dependent on the seed or plant. We send out only seed that have been tested for germination, and which we believe will produce the kind of variety and plant represented; but:

Satex Seed Company gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, plants or trees they send out and they will not be responsible in any way for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



HOW TO ORDER BY MAIL

Notice: All seeds marked postpaid are postpaid only up to and including the 4th zone. All poultry supplies and Remedies marked postpaid are delivered free only up to and including the 3rd zone. If you live outside these zones add extra postage for transportation charges.

YOUR NAME AND ADDRESS—Be sure that your name and address in full are written very plainly. We have on file quite a few orders without any name and address, and if you should have mailed us an order and failed to receive same during the past year, kindly write us, giving approximate date of order and copy of order, and if on file, we will give same our attention. If you do not receive any goods ordered from us within ten days after the order is sent kindly let us hear from you, and we can then avoid further delay. We fill all orders the day received, unless unable to supply same at the time, and will advise you accordingly, so do not hesitate to write us, if the goods do not show up.

CASH WITH ORDER—The proper way is to send remittance in full to cover order and postage. We send orders C. O. D. only if 25 per cent of the amount of order is enclosed. Plants are never sent C. O. D.

REMITTANCES should be made by Postoffice Money Order or Bank Draft. On orders up to One Dollar, we will accept clean unused postage stamps. If currency is sent, letter should be registered, and if local checks are sent they should be certified. We do not accept responsibility for orders, which never reach us.

PARCEL POST, C. O. D.—Packages may be sent C. O. D. at an extra expense of 12c, which amount is added to the order.

INSURED PARCEL POST—If customers want their packages sent insured they will kindly add cost to their remittance. Rate—Up to \$5, 5c; up to \$25, 8c.

POSTAGE has to be prepaid and customers will kindly add same to their valued orders, as packages cannot be mailed charged collect at destination. This refers to larger quantities than prices quoted postpaid.

WEIGHT LIMIT—Packages are subject to a limit of maximum weight in the first, second and third zone of 70 pounds; in all other zones of 50 pounds.

ZONE RATES may be had by applying to your postmaster who will tell you which zone you are in, with reference to San Antonio, or consult parcel post schedule above.

HOW TO FIGURE POSTAGE—First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from San Antonio. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 14 pounds (a peck) of corn. If you lived in either the 1st or 2nd postage zone from San Antonio the amount to be sent us in addition to the price of the corn would be 21 cents; for the 4th zone 65 cents and so on. With the above table it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much it will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments. Fifty pounds is the weight limit for the 4th, 5th, 6th, 7th and 8th zones.

Parcel Post Rates

—Zones—

Wt. in lbs.	1 & 2	3rd	4th	5th	6th	7th	8th
1	\$0.07	\$0.08	\$0.09	\$.10	\$.11	\$.13	\$.14
2	.08	.10	.13	.16	.19	.28	.28
3	.09	.12	.17	.22	.27	.33	.42
4	.10	.14	.21	.28	.35	.43	.56
5	.11	.16	.25	.34	.43	.53	.70
6	.12	.18	.29	.40	.51	.63	.84
7	.13	.20	.33	.46	.59	.73	.98
8	.14	.22	.37	.52	.67	.83	1.12
9	.15	.24	.41	.58	.75	.93	1.26
10	.16	.26	.45	.64	.83	1.03	1.40
11	.17	.28	.49	.70	.91	1.13	1.54
12	.18	.30	.53	.76	.99	1.23	1.68
13	.19	.32	.57	.82	1.07	1.33	1.82
14	.20	.34	.61	.88	1.15	1.43	1.96
15	.21	.36	.65	.94	1.23	1.53	2.10
16	.22	.38	.69	1.00	1.31	1.63	2.24
17	.23	.40	.73	1.06	1.39	1.73	2.38
18	.24	.42	.77	1.12	1.47	1.83	2.52
19	.25	.44	.81	1.18	1.55	1.93	2.66
20	.26	.46	.85	1.24	1.63	2.03	2.80
21	.27	.48	.89	1.30	1.71	2.13	2.94
22	.28	.50	.93	1.36	1.79	2.23	3.08
23	.29	.52	.97	1.42	1.87	2.33	3.22
24	.30	.54	1.01	1.48	1.95	2.43	3.36
25	.31	.56	1.05	1.54	2.03	2.53	3.50
26	.32	.58	1.09	1.60	2.11	2.63	3.64
27	.33	.60	1.13	1.66	2.19	2.73	3.78
28	.34	.62	1.17	1.72	2.27	2.83	3.92
29	.35	.64	1.21	1.78	2.35	2.93	4.06
30	.36	.66	1.25	1.84	2.43	3.03	4.20
31	.37	.68	1.29	1.90	2.51	3.13	4.34
32	.38	.70	1.33	1.96	2.59	3.23	4.48
33	.39	.72	1.37	2.02	2.67	3.33	4.62
34	.40	.74	1.41	2.08	2.75	3.43	4.76
35	.41	.76	1.45	2.14	2.83	3.53	4.90
36	.42	.78	1.49	2.20	2.91	3.63	5.04
37	.43	.80	1.53	2.26	2.99	3.73	5.18
38	.44	.82	1.57	2.32	3.07	3.83	5.32
39	.45	.84	1.61	2.38	3.15	3.93	5.46
40	.46	.86	1.65	2.44	3.23	4.03	5.60
41	.47	.88	1.69	2.50	3.31	4.13	5.74
42	.48	.90	1.73	2.56	3.39	4.23	5.88
43	.49	.92	1.77	2.62	3.47	4.33	6.02
44	.50	.94	1.81	2.68	3.55	4.43	6.16
45	.51	.96	1.85	2.74	3.63	4.53	6.30
50	.56	1.06	2.05	3.04	4.03	5.03	7.00
55	.61	1.16					
60	.66	1.26					
65	.71	1.36					
70	.76	1.46					

Zones are based on the distance you are from the shipping point, San Antonio, Texas. Up to 150 miles from San Antonio is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1000 is 5th, 1000 to 1400 is 6th, 1000 to 1800 is the 7th, over 1800 miles is 8th zone.

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FOR ANT AND FLY CONTROL



ANTROL AGAINST ANTS

For controlling Argentine and species of house ants commonly known as honey-dew loving ants. Antrol containers offer you three distinct advantages over ordinary, old-time methods.

First, this modern system kills the queen ant and thus destroys the entire ant colony.

Second, Antrol is safe to use around children or pets.

And third, the Antrol method is in accordance with the methods adopted by the United States Government.

These three advantages of Antrol make it the most popular ant control on the market. Ants immediately smell the Antrol Syrup in the jars and eat it as a food. They climb into the jar through the openings provided for that purpose in the top of the containers, and down the tiny bits of excelsior which operate as "ladders" into the Syrup. The ants then carry this Syrup, which is mildly poisonous, back to the ant nest and in this way transmit it to the queens and their entire colony. Soon the entire ant colony is destroyed and your home is free from the ravages of these annoying pests.

Antrol jars, therefore, protect your home from ants effectively, safely and permanently. They stand on guard like sentinels! Write today for 24-page booklet on Pest Control, written by Mr. A. D. Cardinet, famous entomologist, and inventor of the Antrol system.

PRICES:

ANTROL SET (containing 4 jars and 4 oz. bottles of Syrup)	\$ 1.00
Antrol Cottage Sets (containing 9 jars and 6-oz. bottle of Syrup)	1.90*
Extra Jars (each) .....	.15*
Pint Bottles of Syrup	1.00*
Quart Bottles of Syrup	1.50*
Gallon Cans of Syrup	4.00*

LONDON PURPLE—This is a very effective poison to use in fighting the large red or harvester ant. Merely sprinkle around nest openings. ¼ lb. 15c, 1 lb. 50c, 4 lbs. \$1.80. Not mailable.

PARIS GREEN—Used the same way as London Purple, but more effective in wet weather. ¼ lb. 15c, 1 lb. 50c, 5 lbs. \$2.25. Not mailable.

CARBON BISULPHIDE (High Life)—Used very extensively in fighting harvester and cut ants. Most effective if used after a good rain, pour carbon bisulphide into nest opening late in the evening and close up opening. Use from 1 quart to gallon depending upon size of nest. Qts. 75c, Gal. \$2.25. Not mailable.



A RELIABLE HOUSEHOLD INSECTICIDE

Destroys flies, moths, mosquitoes, bedbugs, beetles, silverfish, fleas, chicken lice, mites and their eggs. Flyrol, sprayed thoroughly within the house is a sanitary measure insuring against contagion. Flyrol is 100% active and non-poisonous. Will not stain the daintiest fabrics. No unpleasant odor. Use Flyrol freely during spring and summer months.

PRICES

	Wt. Lbs.	Each
*Pint cans	1½	\$0.65
*Quart cans	2½	1.20
*Gallon cans	8½	3.25
*5-Gallon cans	44	12.50

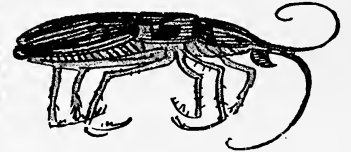
*"Dairy Brand" Flyrol

A Special Outdoor Insecticide

For controlling flies, mosquitoes, chicken lice and fleas. A spray for dairy cows, horses and all farm stock. Especially effective for dairies, stables, barnyards, chicken houses, rabbit pens, dog kennels, trash piles and in swamps. These are the places that breed disease. Keep them clean by spraying Dairy Brand Flyrol on them. Kills eggs and larvae.

PRICES

	Wt. Lbs.	Each
*½-Gallon cans	4½	\$0.90
*1-Gallon cans	8½	1.50
*5-Gallon cans	44	6.25



***RED SEAL INSECT POWDER**—Odorless and non-poisonous. A guaranteed exterminator of roaches, flies, water bugs and fleas. 4 oz. can, 50c; 10 oz. can, \$1.00.*

SODIUM FLUORIDE—Highly recommended for dusting or dipping poultry to destroy the lice, also a splendid preparation to rid premises of roaches. 35c lb.

MARTIN'S LIQUID BUG SPRAY—A stainless insecticide with a pleasant odor used for bed bugs, roaches, mosquitoes, etc. Pints, 40c; qts., 75c.

BEE BRAND POWDER — For mosquitoes, roaches, flies, etc. 2¼ oz., 25c; 6 oz. 50c.

Kill the Weevils with

PARADICHLOROBENZOL

(P. D. B.) A friend to the farmer and seedman who has been troubled with weevil. It is taking place of Carbon Bisulphide (High Life) as it lasts longer and no danger of fire. One ounce placed in a barrel of grain will do more good than 25c High Life. Every farmer should have a few pounds of P. D. B. handy when putting away his planting seed for the next season. ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.

GROUND PYRETHRUM FLOWERS—Dust directly on ants, also a splendid ingredient for killing flies, mosquitoes, roaches, etc. We recommend this preparation where a powder is desired. It is very effective and most economical to use. Lb. 75c.

Garden Seeding Table

Name of Vegetables	Seeds required for		Distance for Plants		Ready for use from seed in about
	100 ft. Row	One Acre	In Rows	Rows apart	
Artichoke	1 oz.	6 oz.	2 ft.	3 to 4 ft.	8 months
Asparagus	2½ oz.	4 lbs.	1 to 2 ft.	3 to 4 ft.	3 to 4 years
Beans, Bush	1 qt.	1¼ bush.	6 in.	2 ft.	45 to 65 days
Beans, Pole	1 qt.	10 to 12 qts.	3 ft.	4 ft.	65 to 90 "
Beet, Table	2 oz.	5 lbs.	4 in.	1 to 1½ ft.	60 to 75 "
Beet, Mangel	1 oz.	5 lbs.	8 in.	2 to 2½ ft.	150 "
Broccoli	1-3 oz.	2 oz.	2 ft.	2½ ft.	120 "
Brussels Sprouts	1-3 oz.	2 oz.	2 ft.	2 ft.	100 to 120 "
Cabbage, early	1-3 oz.	6 oz.	18 in.	2½ ft.	100 to 120 "
Cabbage, late	1-3 oz.	6 oz.	2½ ft.	3 ft.	125 to 180 "
Carrots	1 oz.	3 to 4 lbs.	4 in.	1½ to 2 ft.	75 to 120 "
Cauliflower	1-3 oz.	½ lb.	2 ft.	2½ ft.	100 to 135 "
Celery	1-3 oz.	2 oz.	6 in.	3 to 4 ft.	125 to 150 "
Corn, Salad	3 oz.		4 in.	12 to 13 in.	65 "
Corn, Sweet	½ pt. 100 hills	8 qts.	3 ft.	4 ft.	65 to 100 "
Cress	½ oz.	2 to 3 lbs.	1 in.	1 ft.	30 "
Cucumber	1 oz.	2 lbs.	4 ft.	4 ft.	60 to 85 "
Egg Plant	1-3 oz.	4 oz.	2½ ft.	3 ft.	150 to 160 "
Endive	1 oz.	4 lbs.	1 ft.	1½ ft.	50 to 75 "
Kale	1-3 oz.	2 oz.	2 ft.	2½ ft.	100 to 120 "
Kohlrabi	1-3 oz.	4 lbs.	6 in.	1½ ft.	75 "
Leek	1 oz.	4 lbs.	6 in.	1½ ft.	120 to 160 "
Lettuce	1 oz.	3 lbs.	1 ft.	1½ ft.	65 to 100 "
Melons, Musk	½ oz.	2 to 3 lbs.	4 ft.	5 ft.	115 to 140 "
Melons, Water	1 oz.	4 lbs.	8 ft.	8 ft.	120 to 140 "
Okra	2 oz.	10 lbs.	1½ ft.	2 ft.	90 to 125 "
Onion	1 oz.	5 to 6 lbs.	3 in.	1 ft.	135 to 150 "
Parsley	½ oz.	3 to 5 lbs.	4 in.	1½ ft.	100 "
Parsnip	½ oz.	3 to 5 lbs.	6 in.	1½ ft.	125 to 150 "
Peas	1 to 2 pts.	2 bush.	2 in.	2 to 4 ft.	50 to 75 "
Pepper	½ oz.	½ lb.	2 ft.	2 ft.	140 to 150 "
Potato, cut	5 lbs.	7 to 10 bush.	1 ft.	2½ ft.	80 to 140 "
Pumpkin	1 pkt.	4 lbs.	8 ft.	8 ft.	100 to 120 "
Radish	1 oz.	8 to 10 lbs.	2 to 4 in.	1½ ft.	20 to 50 "
Salsify	1 oz.	8 lbs.	6 in.	1½ ft.	125 to 150 "
Spinach	1 oz.	10 lbs.	4 in.	15 in.	30 to 60 "
Squash, Bush	½ oz.	4 lbs.	3 ft.	4 ft.	60 to 75 "
Squash, late	½ oz.	4 lbs.	7 ft.	8 ft.	90 to 125 "
Tomato	½ oz.	2 to 4 oz.	4 ft.	4 ft.	100 to 125 "
Turnip	½ oz.	2 lbs.	6 in.	1 ft.	60 to 75 "



GRANULATED PEAT MOSS

Something new which is just coming into general use. Imported Peat Moss is a brown, soft and spongy matter, formed years ago by the decay of mosses and other vegetable matter. It has high fertilizing value; holds moisture and is especially valuable for waxy lands. One bale is sufficient to cover 240 square feet one inch deep. The bale weighs approximately 180 pounds. Ideal for potting bulbs, either to be grown in water or under soil conditions. 5c per lb.; \$5.00 per bale, f. o. b. San Antonio.

SHEPS PLANT SPRAY (NON-POISONOUS)

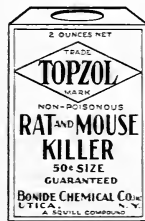


Get rid of destructive insects. Use SHEPS Plant Spray. Kills and controls both sucking and chewing insects but absolutely harmless to humans, birds, animals and pets. Will not "burn" delicate leaves or flowers. Makes green, healthy, lustrous foliage. No soap solution needed—simply mix with water.

PRICES POSTPAID

2-oz. Bottle (makes 4 gals. Spray Solution).....	\$.35
6-oz. Bottle (" 16 " " ").....	.75
Pint Bottle (" 32 " " ").....	1.25
Quart Can (" 64 " " ").....	2.00

Bulk Prices on Request.



Topzol

**NON POISONOUS
RAT AND MOUSE KILLER**

Guaranteed to kill rats and mice.

Guaranteed to kill nothing else.

Harmless to Man, Domestic Animals, Baby Chicks, Poultry, Dogs or Cats, but kills Rats and Mice quick.

Topzol contains no deadly poison and can be used with assured safety around the home, barn, poultry house, warehouse or any rat or mouse infested building.

Guaranteed Satisfaction

TOPZOL is guaranteed to kill rats and mice and nothing else, when used according to directions. Purchase price refunded if it fails. 2 ounce package 50c, postpaid.

Asparagus



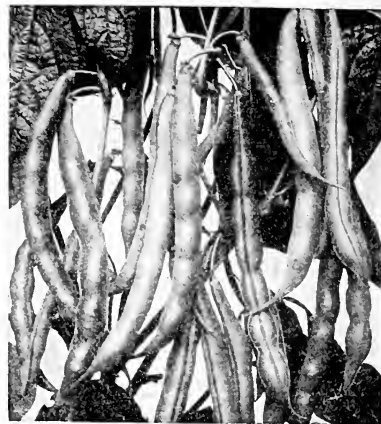
Palmetto

PALMETTO—Light green, heavy yielding early producing large clear stalks of excellent quality. Very early. Pkt. .04c; oz. 10c; ¼ lb. 30c; 1 lb. 75c.

GREEN PODDED BUSH BEANS

HOPKINS IMPROVED RED VALENTINE—A very hardy, early and productive standard sort. Pods 4½ inches long, round and creaseback, medium green, slightly stringy and of good quality. Pkt., 5c; lb., 35c, postpaid; 10 lbs. \$2.50, not postpaid.

BLACK VALENTINE—Beautiful large pods about 6 inches long, slender, round and nearly straight, fine grained, dark green in color. Seed black. An early, productive, profitable gardener's variety. Plant more vigorous and productive than Red Valentine and pods darker green. Pkt., 5c; lb., 35c, postpaid. 10 lbs. \$2.50, not postpaid.



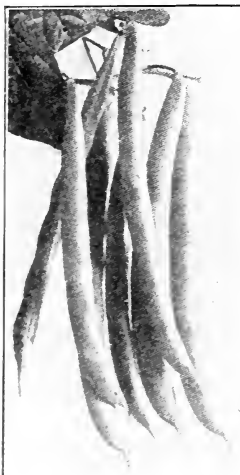
Stringless Green Pod

BURPEES STRINGLESS GREEN POD—The pods are medium green, five to six inches long, cylindrical, larger than those of the Red Valentine, but not quite as fleshy, of equally high quality and remain crisp and tender longer. Absolutely stringless. Pkt., 5c; lb., 40c, postpaid. 10 lbs. \$3.00, not postpaid.

GIANT STRINGLESS GREEN POD—Another exceptionally fine bean for home or market, perfectly stringless; pods longer than Burpee's Stringless; strong, vigorous grower, and a continuous bearer of delicious beans for weeks. Pkt., 5c; lb., 45c, postpaid. 10 lbs., \$3.50, not postpaid.

LONGFELLOW—Moderately early and productive. Pods dark green, 6 to 7 inches long, very slender, straight and round; very slightly stringy, tender, fine grained, attractive and of good quality. Pkt., 5c; lb., 35c, postpaid. 10 lbs. \$2.50, not postpaid.

BUSH WAX BEANS



Pencil Pod Wax

Color greenish-white with silvery shade. Used mostly for canning. Crop failure.

IMPROVED GOLDEN WAX—One of the best beans in cultivation. Pods are long, nearly straight, broad and flat, and golden yellow; seed white, more or less covered with two shades of purplish red. Pkt., 5c; lb., 40c, postpaid. 10 lbs., \$3.00, not postpaid.

PROLIFIC BLACK WAX—Early; pods round, about five inches long, fleshy, brittle and stringless, deep yellow in color and attractive. A standard sort. Pkt., 5c; lb., 35c, postpaid. 10 lbs. \$2.50, not postpaid.

PENCIL POD WAX—Early and very productive. Pods large, 5 to 6 inches long, round, straight and creaseback, strictly stringless, free from fiber, fleshy and brittle; of highest quality; color very clear yellow. Pkt., 5c; lb., 35c, postpaid. 10 lbs., \$2.50, not postpaid.

CRYSTAL WHITE WAX—Pods small, about 3½ inches long, round and curved with crease in back, very fleshy and brittle, silvery shade. Used mostly

BUSH LIMA BEANS

HENDERSON'S DWARF LIMA—The earliest variety of dwarf Lima Beans, fully two weeks earlier than any other variety. Plants about 16 inches high and very prolific. Beans are small. Recommended to anyone desiring early lima beans. Pkt., 5c; lb., 35c, postpaid. 10 lbs., \$2.50, not postpaid.

SPECKLED BUSH LIMA—This variety is generally known as "calico or speckled" butter bean. The beans are of fine quality, either green-shelled or dry. It is very prolific and does well in the driest weather. The seed is sort of a brownish color. Pkt., 5c; lb., 40c, postpaid.

POLE LIMA BEANS

CAROLINA OR SIEVA—Beans small and white on the order of Henderson Bush Lima. Plant of large growth, very early, vigorous and productive. Pkt., 5c; lb., 40c, postpaid.

POLE SPECKLED LIMA—This fine Butter Bean is better adapted for the wants of the Southern farmer than any other variety. It is a certain and abundant cropper. The vines are strong growers and cling well to the poles or trellis. Bear early and late. Both pods and beans are larger than the old white Carolina or Sieva Butter Bean. The beans are speckled in color, white spotted with red but are of the very highest quality, both in the green and dry state. Pkt., 5c; lb., 40c, postpaid.



Pole Lima

POLE BEANS

WHITE CREASEBACK—A white-seeded round green-pod Pole Bean, a prolific yielder of excellent quality. Sometimes called White Cornfield Beans. Pkt., 5c; lb., 35c, postpaid.

STRIPED CREASEBACK—A hardy and very productive green podded cornfield bean. The vines are sturdy and of good climbing habit, with small-medium, deep green leaves. The pods are long, about 6 inches, very cylindrical or completely rounded. Large Pkt., 5c; 1 lb., 35c, postpaid.

KENTUCKY WONDER (WAX)—One of the earliest of the pole wax sorts. Pods eight to nine inches long, thick, decidedly crease-back; very fleshy, brittle, but stringy. Attractive and fair quality. Color light yellow. Pkt., 5c; lb., 45c, postpaid.

KENTUCKY WONDER—An excellent green-podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. They cook very tender and melting. Seed dark brown. Pkt., 5c; lb., 35c, postpaid. 10 lbs., \$2.50, not postpaid.

ATLACIDE NON-POISONOUS WEED KILLER

ATLACIDE NON-POISONOUS WEED KILLER exterminates all undesirable vegetation—including poison ivy, etc.—as easily as watering a garden, without poison hazard to humans or animals. Simply mix with water and apply on any vegetation—weeds, grass, etc., with a sprinkling can or sprayer. Especially recommended for obtaining weed-free driveways, paths, tennis courts and gutters. 1-qt. can, 75c; 1-gal. can, \$2.00, not prepaid.

GARDEN BEETS



Detroit Dark Red

CROSBY'S EGYPTIAN — We have an unequalled strain of this superb, extra early sort. A flattened globe shape; skin very dark red, flesh a trifle lighter in color and slightly zoned; tops small. Pkt., 4c; oz., 10c; ¼ lb., 30c; lbs., 90c, postpaid.

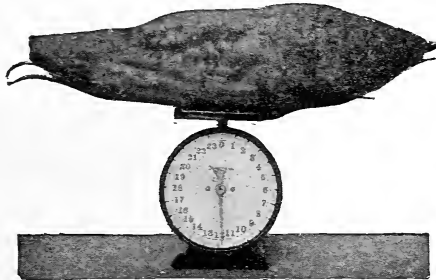
EXTRA EARLY ECLIPSE—A fine early table beet, top-shaped or tapering, globe shaped. Flesh deep crimson, zoned with pink. Crisp and sweet. Pkt., 4c; oz., 10c; ¼ lb., 25c; lb., 75c, postpaid.

DETROIT DARK RED TURNIP—Roots roundish, smooth; dark red; flesh bright red, zoned with lighter; crisp, tender, sweet, a good keeper. Pkt. 4c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

LANDRETH'S BEST—45 days, five days earlier than Detroit more ball-shaped—altogether a superior sort. Slimmer tap roots—more mouse tailed. Flesh solid, deep blood red of excellent quality, sugary. Skin smooth and free from side fibers. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

EARLY BLOOD TURNIP—A standard medium early variety of excellent quality; also good for summer and fall use. The flesh is deep red, zoned with lighter shade; sweet, crisp and tender; nearly round. Pkt., 4c; oz. 10c; ¼ lb., 25c; lb., 75c, postpaid.

SWISS CHARD OR SPINACH BEET—No other garden vegetable will produce more nutritious food from a small space than Swiss Chard. Of rapid growth. The foliage and leaf-stalks used same as asparagus or spinach. Pkt., 4c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.



Mangel Wurzel

MANGEL-WURZEL BEETS

GIANT FEEDING SUGAR OR HALF SUGAR MANGEL—A beet which is superior to Mangels for stock feeding purposes, as it is more nutritious, having a large amount of sugar. It is oval in shape and grows partly out of the ground. It is of large size and yields enormous crops. Pkt., 4c; oz., 5c; ¼ lb., 20c; lb., 60c, postpaid.

IMPROVED MAMMOTH LONG RED—The largest of all the Mangels and the heaviest cropper. Skin is red, flesh white zoned with red. This variety produces a larger amount of good feed than any other beet, and is recommended as superior to all others. Pkt., 4c; oz., 5c; ¼ lb., 20c; lb., 60c, postpaid.

BROCCOLI

CALABREZE GREEN SPROUTING—This is a distinct variety grown by Italian market-gardeners for Italian trade only. The plant forms a large solid head which remains green. After this head is cut out, a number of smooth sprouts develop from the leaf-axes, each sprout terminating in a small head about one inch in diameter. Bunched and sold as a second crop. Sow seed in frames early in spring and market in June and July. Pkt., 5c; oz. 90c; ¼ lb. \$2.75; lb., \$8.50, postpaid.

CABBAGE

VOLGA, OR RUSSIAN—A new medium sized sort, with round, solid heads, which are deep through. It is extremely hardy. Pkt., 4c; oz., 25c; ¼ lb., 80c; lb., \$2.50 postpaid.

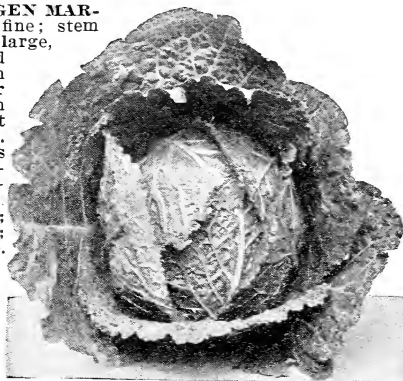
RED ROCK—The largest and surest heading red cabbage, round, solid and dark red, medium to long stem. Pkt., 4c; oz., 25c; ¼ lb., 80c; lb., \$2.50, postpaid.



Early Jersey Wakefield

early and excellent type of Early Flat Dutch, with a medium stem; heads round, flat and solid. Pkt., 4c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

COPENHAGEN MARKET—Very fine; stem short, heads large, round and solid, with few outer leaves of an upright growth. Nearly as early as Jersey Wakefield. Pkt. 4c; oz., 35c; ¼ lb., 90c; lb., \$2.50, postpaid.



Drumhead Savoy

EARLY DRUMHEAD—We recommend this sort for markets that require a very large and deep head. Plant large, with few outside leaves, stem of medium length. A sure heading variety of excellent quality. Pkt., 4c; oz., 18c; ¼ lb., 50c; lb., \$1.50, postpaid.

DANISH BALL HEAD—One of the very best winter sorts and one of the most hardy; heads round and very solid. Our selected stock of this cabbage is unexcelled. Pkt., 4c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

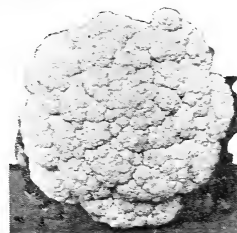
DRUMHEAD SAVOY—Heads round, compact and solid; leaves numerous, deep green and coarsely crimped. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

GLORY OF ENKHUIZEN—A dependable variety heading right after Copenhagen Market. Pkt., 4c; oz., 35c; ¼ lb., 90c; lb., \$2.50, postpaid.

CHINESE CABBAGE (Pe Tsai)—Sometimes called Celery Cabbage; resembles Cos Lettuce as much as cabbage, though with a decided cabbage flavor. Pkt., 4c; oz., 50c; ¼ lb., \$1.50; lb., \$3.50, postpaid.

CAULIFLOWER

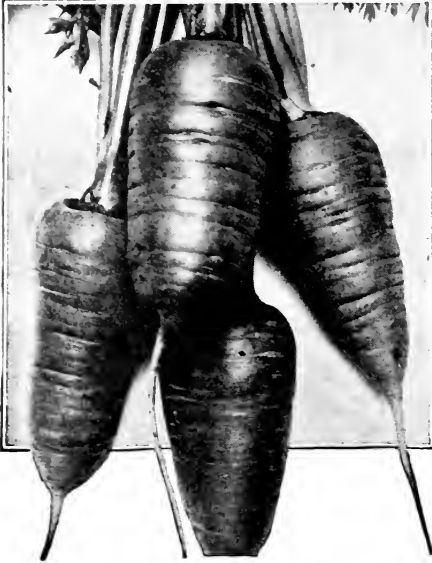
EARLY SNOWBALL—We believe this to be the best variety in existence. It is early, of dwarf compact growth and sure to produce fine heads. Very much depends on the quality of Cauliflower seed. We handle only the best. Danish-grown seed from a well known, reputable grower, which we confidently recommend. Pkt., 25c; oz., \$2.00; ¼ lb., \$5.00; lb., \$15.00, postpaid.



Early Snowball

CARROTS

Culture—One ounce is sufficient for one hundred feet of drill; two to four pounds to the acre. Carrots ought to be sown in light, fertile soil, which has been heavily manured the previous year. Sow in drill one-half inch deep; rows from 18 inches to two feet apart, thin out to two to three inches apart. Sow as early as the ground can be worked for the early crop; for late crop, sow in July.



Danvers Half Long

ORANGE DANVERS HALF LONG—Broad shouldered, cylindrical, admirable in color. Always a favorite because reliable and attractive in form, color and weight. Most popular sort. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

OXHEART OR GUERANDE—One of the most popular and best croppers among the short carrots. The shape is particularly desirable for heavy soil. The true type is about four and one-half inches long and three and one-half inches thick at the shoulder. It tapers slightly to the bottom, and is very stump rooted. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

CHANTENAY—One of the best carrots for all purposes. Roots about six inches long, blunt pointed, smooth, fine grained and sweet, a heavy yielder. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

CELERY

GOLDEN SELF-BLANCHING—The best market variety especially for early summer. The plant is naturally golden-yellow both stem and leaves, but needs to be blanched to make it brittle and fit for table use. Forms a rather small bunch. Pkt., 8c; oz., 75c; ¼ lb., \$2.00, postpaid.



Golden Self Blanching

COLLARDS

GEORGIA SOUTHERN—Plant 2 to 3 feet high, forming a cluster of tender undulated leaves at the top of its rather long stem; used as greens. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

SWEET CORN

EXTRA EARLY ADAMS—This is not a Sugar Corn, but is earlier. The ears are short, 12-rowed; and while in condition for roasting cannot be told from Sugar Corn. It will stand earlier planting than Sweet Corn and is a favorite wherever worms work badly on early corn. Pkt., 8c; lb., 25c, postpaid.

GOLDEN BANTAM—Early; golden yellow in color and of highest quality. Ears 6 to 7 inches long, 8 rowed, bearing from 2 to 4 ears to a stalk. Pkt., 8c; lb., 30c, postpaid.

COUNTRY GENTLEMAN—An especially fine quality corn, cob small, white and densely covered with long slender white grains without row formation. Pkt., 8c; lb., 30c, postpaid.

TRUCKERS FAVORITE—A splendid early white Corn coming in directly after Adams Early, but much larger. Has a deep white soft grain. Pkt., 8c; lb., 25c, postpaid.



Golden Bantam



CUCUMBERS

EARLY FORTUNE—Early, good dark color and prolific. Fruits average about 10 inches. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

ARLINGTON WHITE SPINE—One of the most popular White Spine sorts. The fruits are very uniform, averaging 7 to 8 inches. It is extra early and very prolific. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

EXTRA-LONG WHITE SPINE, OR EVERGREEN—A fine strain; smooth, frequently 10 inches long; round, handsome, very regular. Pkt., 4c; oz., 15c; ¼ lb., 50c; lb., \$1.25, postpaid.

IMPROVED CHICAGO PICKLING—Meets the most exacting requirements of critical pickle makers. Vines healthy and very productive. Fruit the right size, shape, color and quality. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 85c, postpaid.

CLARK'S SPECIAL—This special strain developed a period of years for critical market garden trade has outstanding merits as a main crop Cucumber. First, it is a good shipper and will hold its color and firmness when handled over long distances. Second, it has a very attractive deep green color, being the darkest green Cucumber that we know on the market today. Third, it is uniform in length, running from 8 to 10 inches, and smooth in appearance, having very few white spines. On account of its small seed pockets it is of excellent quality for slicing. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., \$1.00, postpaid.



Kirby's Stay Green

KIRBY STAY GREEN—"Kirby" is the earliest of the White Spine type; fruit seven to eight inches long, cylindrical in shape. Color a beautiful dark green from stem to blossom end, which is retained longer than any variety we know of. Vigorous grower, enormous yield, shipping quality unexcelled, and always commands the highest market price. Pkt., 8c; oz., 12c; ¼ lb., 45c; lb., \$1.25, postpaid.



Evergreen
White Spine

BURRELL'S EARLIEST OF ALL—Earlier than any other strain of white spine and as well colored as any cucumber grown. The fruit is 6 to 7 inches long, very dark green with pale green stripes about one-third the length from the blossom end. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

IMPROVED EARLY WHITE SPINE—Vines vigorous, fruiting early and abundantly. Fruit good-sized, straight and smooth. Splendid for table use and especially desirable for pickles. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

IMPROVED LONG GREEN—Uniform in size, straight, smooth, and deep green in color. A great favorite for slicing. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

EGG PLANT

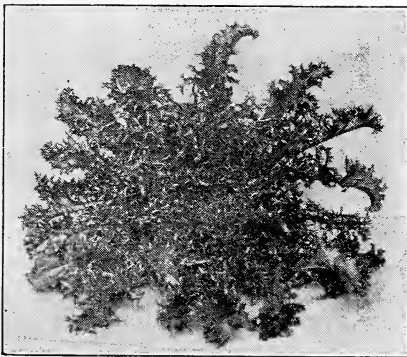
BLACK BEAUTY—Rich dark purple, large and symmetrical, maturing a little earlier than our Improved Large Purple, but usually not quite as large. Very desirable for the market, as the fruit holds its color for a long time. Pkt., 4c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00, postpaid.



Black Beauty

IMPROVED LARGE PURPLE (Spineless)—This variety is a general favorite both for market and home garden. The plant is spineless, large and spreading, with light green foliage. It usually produces four to six large, oval fruits of a splendid dark purple color. The vigor and productiveness and fine quality of the fruit makes it a most profitable variety for market gardening. Pkt., 4c; oz., 50c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

ENDIVE



Large Green Curled

Culture—Same as Lettuce. Seed may be sown any time during the year. When plants are well started, thin out to 10 inches apart or they may be transplanted. One ounce will sow 100 foot row.

LARGE GREEN CURLED—Has very curly leaves, the mid-ribs being white and whitish, and the outer edges very much indented and crested. A very attractive plant and one of the best varieties. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

EVER WHITE CURLED—The plants are moderately dense, with divided leaves, which are very light yellowish-green in color, even the outer ones being very light. This variety blanches readily to an attractive creamy white. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.

KALE

DWARF CURLED SCOTCH—A finely curled, spreading, low growing variety, very hardy and much used for greens. This sort sometimes called Norfolk, is grown extensively in the South for shipment, and is largely planted for the home garden. The leaves are long and attractive bright green. This sort is often used for garnishing. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

KOHL RABI



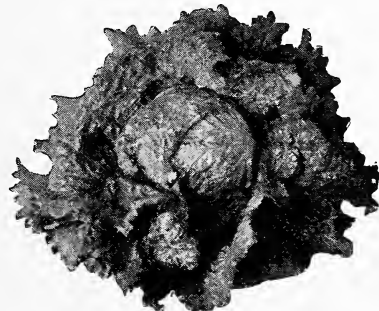
Early White Vienna

EARLY WHITE VIENNA—A turnip-like bulb, formed above ground, combining somewhat the flavor of cabbage and turnips. The bulb is large enough to be used in 10 to 12 weeks from time to sowing, and is most tender and deliciously flavored before fully matured. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

LARGE GREEN—This sort is also called Large White. It is hardy, quite late, and used for feeding stock. Bulbs large, weighing 8 to 10 pounds when fully grown; whitish green in color, leaves large and very numerous. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

LETTUCE

EARLY PRIZE HEAD—Forms a mammoth plant, in which even the outer leaves are crisp and tender; color bright green tinted with brownish-red. It is of superb flavor and very hardy. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.



Satex Special New York

LETTUCE

(Continued)

HANSON—A fine large-heading variety. Leaves curled on the edges, light yellowish-green in color. The head is crisp and brittle and flavor excellent. Stands warm weather extremely well. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.00, postpaid.

SATEX SPECIAL NEW YORK—(The standard head lettuce grown so largely in California and misnamed by the produce trade as Iceberg). Produces immense heads as solid as a cabbage. The interior is beautifully blanched, creamy-white, crisp, delicious and very tender. It is a very strong, robust growing variety. The outer leaves are attractive deep green, broad, frilled at edge. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

BIG BOSTON—50 Days. A popular market variety used largely in the South to grow winter lettuce for the northern markets. A light-green cabbage variety, slightly tinged with brown in the head. Has a fine golden buttery head. Pkt., 4c; oz., 12c; ¼ lb., 35c; lb., \$1.00, postpaid.



Early Prizehead

Cos—Forms oblong heads of large size. Considered by many as superior to any other kind. An entire distinct type of lettuce. Sometimes called Romaine Celery Lettuce. Pkt., 4c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

ICEBERG—A large crisp lettuce, always tender. Iceberg stands hot weather remarkably. Give each head 1½ inches in row. The color is light green lightly tinged with brown. Try this either for home or market garden. A little larger than Los Angeles and similar. Pkt., 8c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

NEW CHICKEN LETTUCE—Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut it starts to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk three or four feet high, just loaded with leaves. Pkt., 4c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.



Southern
Giant Curled

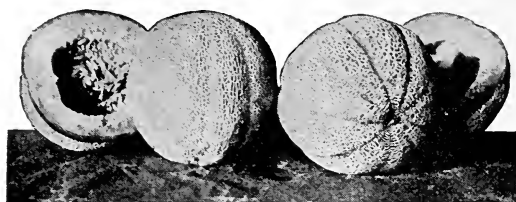
LARGE SMOOTH-LEAVED—30 days. An excellent sort with very large, light green, plain or comparatively smooth leaves, borne well above the ground. This sort is preferred by many, as it is more easily prepared for the table than the rougher-leaved varieties. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 60c, postpaid.

CHINESE—Leaves twice the size of White English; sweet and pungent. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 60c, postpaid.

MUSTARD

SOUTHERN GIANT CURLED
—30 days. Leaves are large, light green with tinge of yellow, much crimped and frilled at edges. Plant is upright and slightly spreading in growth. This variety is highly esteemed in the South for the market, as well as for the home garden on account of its vigorous growth, hardness and good quality. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 60c, postpaid.

MUSKMELON



ROCKY FORD, OR NETTED GEM—The most largely cultivated variety in use. Grown in great quantities in Colorado. Fruit is slightly oval, finely netted and slightly ribbed. Flesh thick, green, very sweet and of fine quality and high flavor. Pkt., 4c; oz., 8c; 2 ozs., 15c; ¼ lb., 30c; lb., \$1.00, postpaid.

BURRELL'S SUPERFECTO—A muskmelon that has become very popular in the last few years. An almost round, heavily netted, slightly ribbed melon. A good shipper. Pkt., 4c; oz., 10c; ¼ lb., 35c; lb., \$1.00, postpaid.

Select Seed—1-lb. sealed bag, \$1.60, postpaid.

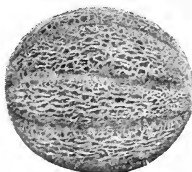
PINEAPPLE—One of the largest and sweetest varieties on the market. It is deep ribbed and heavily netted. It is twice as large as the Rocky Ford. The flesh is deep green, and of a most excellent flavor. Pkt., 4c; oz., 16c; 2 ozs., 25c; ¼ lb., 40c; lb., \$1.25, postpaid.

HONEY DEW—The delicious honey-like flavor of this new melon has met with instantaneous public favor and created a sensation wherever used. The fruit is of large size, weighing 8 to 10 pounds each. The rind is perfectly smooth and cream colored. The flesh is from 1½ to 2 inches thick, light green in color, very sweet and juicy. Pkt., 8c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

CASABA-GOLDEN BEAUTY—Golden Beauty is bright yellow, about globular, with wrinkled skin, slightly pointed at stem end. The fruits are about 6 to 8 inches in diameter. The flesh is pure white and very thick. Pkt., 4c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

HONEYBALL—It is the result of a cross between Texas Cannon Ball Cantaloupe and California Honey Dew Casaba. Resist sun scald better than most melons; a little larger in size than Rocky Ford; round and has thick wall of delicious green meat clear to the rind; small seed cavity, high sugar content and delicious flavor; a splendid shipper. Pkt., 8c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

BURRELL'S GEM—An excellent small melon of the Netted Gem type; somewhat later than that variety and a fourth larger; fruit oblong, distinctly but not deeply ribbed and well netted; flesh deep salmon, of fine quality. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.10, postpaid.



Pollock No. 25

POLLOCK'S NO. 25—Best described as a salmon fleshed Rocky Ford, being identical in every way except color of flesh. It is rapidly superseding the green fleshed variety in the large melon growing districts of the South and West. Pkt., 4c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

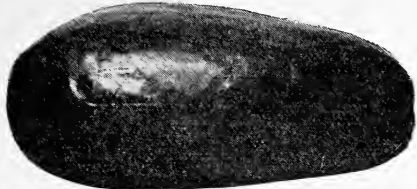
TEXAS CANNONBALL CANTALOUPE—Medium in maturity and size and of flattened, rounded shape. In flavor it is a first-class, and its dense netting makes it almost sun and insect proof, this being an immense advantage where insects are troublesome and melons liable to sunscald. Is almost all meat, seed cavity small. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.10, postpaid.

EXTRA SELECT ROCKY FORD—70 days. This seed is selected out of hand-selected fruit and is superior to the ordinary run. Flesh light green and of a delicate spicy flavor. Melon well ribbed and netted. No strain of Rocky Ford is better than this, which we offer as Extra Select. Pkt., 4c; oz., 20c; ¼ lb., 70c; lb., \$2.00, postpaid.

WATERMELON

GYPSY OR GEORGIA RATTLESNAKE—The melon is long, smooth, distinctly striped with light, mottled and wavy dark green stripes. Flesh bright scarlet and very sugary. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

HALBERTS HONEY—Fully equal to Kleckley's Sweet, which it resembles. It is more even in outline, is blunter at the end, and the skin is of a richer, darker color. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.



New Wonder

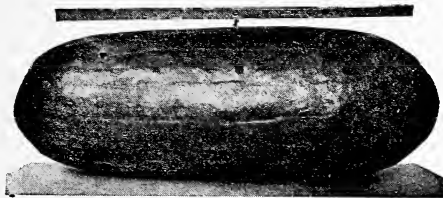
WONDER MELON—Here is a watermelon that every grower in the South will plant sooner or later. In quality of flavor there is nothing that will compare with it. A large and long melon resembling the Tom Watson. The rind is rather thin, but tough, cutting a big red heart of the finest melon meat you have ever tasted. White seed, with few to the melon. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

DALE—This splendid large melon is oblong in shape. The tough skin is a dark green color irregularly striped with lighter green. Flesh is dark red in color, fine grained, sweet and luscious. White Seed. An excellent shipper. You will find our strain of this excellent melon to be the best. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.00, postpaid.

DALE (Special)—This seed is selected from the finest melons in the field. Every melon being of very heavy weight and true to type. We can recommend this melon to any one desiring the best in Dale Watermelon Seed. Pkt., 8c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

KLECKLEY SWEET—80 days. A very desirable variety for the home garden or nearby markets. Fruit medium-sized, oval, and skin dark green, flesh bright red and sweet. Skin is brittle. It is the very sweet, honey-like flavor that makes it especially distinct from all other varieties. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.00, postpaid.

FLORIDA FAVORITE—Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

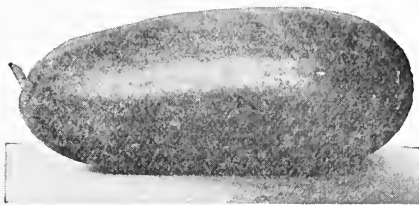


Tom Watson

TOM WATSON SPECIAL—85 days. Long, dark green. More tracery on skin than Kleckley Sweet, and longer. Fine variety, cream-brown seed, flesh deep red, finest flavor, no core. Often weighs from 50 to 60 pounds to the melon. One of the most popular shipping melons on the market. Pkt., 4c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

NEW EXCEL—85 days. Fruit long and of mammoth size. Skin a solid green. Rind thick and tough. Meat blood-red. Contains less seed than usual. This excellent melon stands dry weather better than any melon on the market, and will make larger melons in drought than the Tom Watson. The flesh is very sweet. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

ALABAMA SWEET—80 days. A very large, long melon of excellent quality; popular in the South, where it is grown extensively for shipping. The color is rather deep green, with dark, irregular striping. The rind is thin, but very tough. The flesh is bright red, fine grained and sweet. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 75c, postpaid.



Kleckley Sweet

IRISH GREY—New. A valuable melon, producing more melons under any condition than any other variety. Also a fine eating melon, and a grand shipper. The red flesh is very sweet and free from stringiness. The rind will not sunburn and will keep in excellent condition long after picking. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

CITRON FOR PRESERVING—90 days. A round, light and dark-striped melon, meat greenish-white; used for preserving only. Seed red and small. Tough rind. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

OKRA OR GUMBO

Culture—One ounce will sow 50 feet of drill. Sow from March to July, one inch deep in rows four feet apart for the tall and three feet for the dwarf; thin out to a foot apart.

WHITE VELVET—Round, white, smooth pods of extra large size produced in great abundance. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 50c, postpaid.

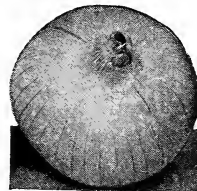
PERKINS MAMMOTH LONG POD—This variety is about three feet high, very early and productive. The pods are deep green, very long, slender, slightly corrugated, very tender and of good quality. This a desirable market as well as home garden sort. Pkt., 4c; oz., 8c; ¼ lb., 20c; lb., 50c, postpaid.

ONION SEED

Culture—Sow seed from August to September. To make large onions from seed, as soon as the plants are as large as a goose quill, transplant four inches apart in 18-inch rows; this will increase the yield and make large onions. Five pounds will plant an acre.

WHITE OR YELLOW BERMUDA—This is the standard variety, and is grown very largely among the large Texas onion growers. It is more hardy, less affected by disease, and more prolific than the other onions. Pkt., 4c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00, postpaid.

CRYSTAL WHITE WAX—This is the waxy white onion seen in our market in the early spring, and it is one of the most beautiful onions on the market. It is absolutely pure white, of the finest flavor, and will always command a premium on the market. Pkt., 8c; oz., 50c; ¼ lb., \$1.50; lb., \$4.00, postpaid.



Crystal White Wax

ONION SETS

CULTURE—Plant four inches apart in rows half an inch deep, and one foot between the rows, when cultivated by hand. Do not cover the sets entirely. All varieties can be set out in the fall as well as in the spring. One pound plants a 60 foot row.

Red Bottom Sets	.....	Lb. 30c; Bu. \$4.00
White Bottom Sets	.....	Lb. 30c; Bu. 4.50
Yellow Bottom Sets	.....	Lb. 30c; Bu. 4.50

Pounds postpaid, bushels f. o. b. San Antonio.



ONION PLANTS

CRYSTAL WHITE WAX OR YELLOW BERMUDA

100	Postpaid	\$0.25
500	Postpaid	.70
1000	Postpaid	1.15

Onion plants F. O. B. Encinal, Texas.

1000	Per M	\$0.90
6000	Per M	.75

Write for larger quantity prices.

TOMATO PLANTS

Varieties—John Baer, Earliana, June Pink, McGee, Stone and Mar-globe.

CABBAGE PLANTS

Varieties—Early Jersey Wakefield, Charleston Wakefield, Stein's Flat Dutch and Copenhagen Market.

100	Postpaid	\$0.55
500	Postpaid	1.35
1000	Postpaid	2.10

Cabbage and Tomato Plants F. O. B. Cotulla, Texas.

1000	Per M	\$1.25
5000	Per M	1.15

SWEET PEPPER PLANTS

Varieties—Magnum, Dulce, Ruby King, Ruby Giant, Worldbeater, Chinese Giant and Neopolitan.

HOT PEPPER PLANTS

Varieties—Small and Large Cherry, Long Red Cayenne, Red Chili and Anaheim.

EGG PLANTS

Variety—Black Beauty.

100	Postpaid	\$0.60
500	Postpaid	1.90
1000	Postpaid	3.25

Pepper and Egg Plants F. O. B. Cotulla, Texas.

1000	Per M	\$2.50
5000	Per M	2.40

No plants shipped C. O. D.

PARSLEY

Plain Or Single—A very hardy variety. The leaves are flat and not curled. The best flavored variety. Pkt. 4c; oz. 5c; ¼ lb. 25c; lb. 75c, postpaid.

Champion Moss Curled—A very finely curled, green and very ornamental variety. Pkt. 4c; oz. 10c; ¼ lb. 35c; lb. \$1.00, postpaid.



PARSNIP



Hollow Crown

Hollow Crown—An excellent variety for the table. The roots are long, with smooth, white skin, uniform in shape, tender and of the best quality. The variety is easily distinguished by the leaves growing from the depression on top or crown of the root. Pkt. 4c; oz. 5c; ¼ lb. 20c; lb. 65c, postpaid.

GARDEN PEAS

First and Best—One of the earliest tall varieties, with smooth, round peas, which ripens almost at one time. Grows two to two and one-half feet high, seed yellow-white, pods straight, short and well filled. Quality best of the smooth-seeded early varieties. Pkt. 5c; lb. 35c, postpaid. 10 lbs. \$2.50, not postpaid.

Thomas Laxton—Excepting color of foliage and pods, in growth this is identical with the Gradus, two or three days later, but much more productive. Pkt. 5c; lb. 35c, postpaid. 10 lbs. \$2.50, not postpaid.

White Marrowfat—A very heavy yielding late variety. Pods large and well filled. The dry peas are of large size and excellent for cooking. Pkt. 5c; lb. 35c, postpaid.

Laxtonian—A dwarf pea with large handsome pods. It is slightly earlier than Gradus, maturing about the same time as Thomas Laxton. Vines medium dark green and medium heavy of foliage. Pods 3½ to 4 inches long, slightly curved. Will bear more abundantly at top of vines, making it easy to pick, very heavy yielder, altogether a fine pea for private and market gardeners. Pkt. 5c; lb. 35c, postpaid. 10 lbs. \$2.50, not postpaid.

Alaska—A blue pea of excellent quality. The earliest of all the blue sorts. A desirable early pea for market gardeners, growing from 2 to 2½ feet and very productive. Pkt. 5c; lb. 30c, postpaid. 10 lbs. \$2.00, not postpaid.

Canada Field—Seed small, white; for field culture only. Height 4 feet. Vine moderately stout and medium green; pods light green, 2¼ inches long, square ended, six small, light green peas in pod; matures with Telephone. Pkt. 5c; lb. 25c, postpaid.

Landreth's Extra Early—A critical gardener wants the best strain as respect earliness, size of pod. Flavor, uniformity of ripening, vigor and uniformity in habit of the plant. All these desirable qualities can be found in this pea. This type will produce peas fit for table in 44 to 50 days, according to soil and climatic conditions of the season of their growth. Pkt. 5c; lb. 35c, postpaid. 10 lbs. \$2.50, not postpaid.



Alaska

Bliss Everbearing—An old standard late, main crop variety. Height 3 feet. Vine and foliage sturdy and strong, dark green; pods usually in pairs, medium green, 3 inches long, straight and pointed, containing 4 to 5 light green peas of good quality; matures following Telephone. Pkt. 5c; lb. 35c, postpaid. 10 lbs. \$2.50, not postpaid.

SWEET PEPPER

Magnum Dulce—140 days. The largest of all the Sweet Peppers, sometimes growing six to seven inches in length, and five to six inches in diameter. Very prolific. Plant about three feet high. Fruit deep green when young, crimson when fully matured. Flavor very mild. The most popular variety for market gardeners, and also for home gardens. Pkt. 4c; oz. 50c; ¼ lb. \$1.60; lb. \$5.00, postpaid.

Pimiento or Perfection—A medium early, prolific, perfectly mild variety with extremely thick flesh. On account of its thick flesh it will hold up for a long time and is an excellent sort for canning whole. Pkt. 4c; oz. 40c; ¼ lb. \$1.25; lb. \$3.50, postpaid.

Ruby King—This variety grows to an extraordinary large size. When ripe, a handsome, bright, ruby color; remarkably mild and pleasant to the taste. For stuffing, no other variety can equal it. Pkt. 4c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00, postpaid.



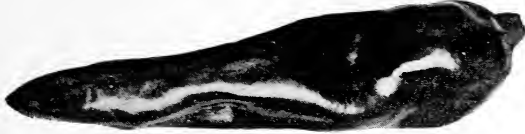
Ruby King

SWEET PEPPER

WORLD BEATER—This is without doubt, the finest introduction in peppers in ages. It is a cross between Chinese Giant and Ruby King, having the shape of the Ruby King, except that it is broader at the pointed end and almost the size of the Chinese Giant. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

CHINESE GIANT—Plant dwarf, fruit of mammoth size, very broad, but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. Our stock is pure and is as good as can be obtained. Pkt., 4c; oz., 65c; ¼ lb., \$1.75; lb., \$5.50, postpaid.

HOT OR PUNGENT VARIETIES



Long Red Cayenne

RED CHILI—A rather small, bright red variety, about two inches long and pointed. The pods are used in making Chili sauce, and are very pungent and hot. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

LONG RED CAYENNE—110 days. A strong, pungent variety, having well pointed fruit, which is bright scarlet when ripe. A very popular variety. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

PUMPKIN



Kentucky Field

CHEESE—65 days. A very good table variety. Shape flat, like a cheese box; a good keeper. Often 15 inches across the top. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

PIE PUMPKIN—65 days. A small round, yellow sort, with fibre pinkish netting. Flesh is thick, sweet and of excellent quality. Pkt., 4c; oz., 8c; ¼ lb., 30c; lb., 90c, postpaid.

KENTUCKY FIELD—90 days. Sometimes called Large Cheese. A very large, flattened pumpkin, averaging about two feet through. When ripened the skin is a rich cream color. Flesh yellow and of fine quality. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

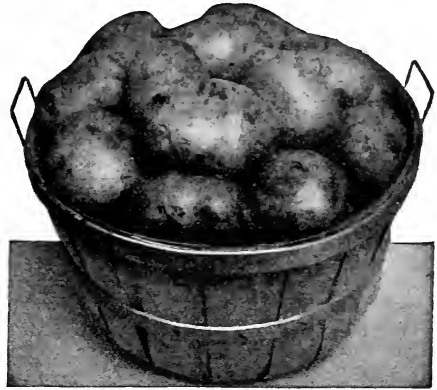


Green Striped Cushaw

GREEN STRIPED CUSHAW—70 days. Fruits very large, white crooked neck. Color, creamy white, irregularly striped or traced with green. Flesh light yellow, very thick, rather coarse but sweet. This sort is very productive and popular in some sections. Pkt., 4c; oz., 12c; ¼ lb., 40c; lb., \$1.00, postpaid.

MARROW—A very large round, flat pumpkin, brilliant vermilion orange in color, and the handsomest pumpkin in existence. The flesh is very thick and solid and is bright orange-yellow in color. The seed cavity is amazingly small and on this account there is but little seed, which means that it will never be a cheap variety. Pkt., 8c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

GENUINE MAINE GROWN SEED POTATOES



Irish Cobbler

BLISS TRIUMPH or RED BLISS—This is the most standard red variety in the Southern States. It is very early and matures quickly. The potatoes are round and uniform in shape, eyes slightly depressed and a beautiful bright red color. It is very hard, and not susceptible to disease. Peck, 90c, not postpaid.

IRISH COBBLERS—This variety is one of the most reliable and popular of the early varieties. It is of handsome creamy-white color and of excellent quality, making it most desirable for the best trade. It is a vigorous grower, ripens uniformly and a good keeper; in short, one of the best all-around early potatoes on the market. Peck, 90c, not postpaid.

RADISH

EARLY SCARLET TURNIP, WHITE TIPPED—One of the most popular and attractive short varieties. It is globe shaped, bright rose carmine with bottom and tip clear white. Stems and leaves are small. Very valuable for forcing, as well as for the garden and market. Pkt., 4c; oz., 8c; 2 ozs., 15c; ¼ lb., 20c; lb., 60c, postpaid.

FRENCH BREAKFAST—A quick growing, small olive-shaped radish about one and one-half inches long by five-eighths to three-fourths of an inch in diameter when fully grown. The color is beautiful deep rose scarlet except a little clear white about the tip. This is an excellent variety for planting outdoors for the home garden. Its small tops and earliness make it also desirable for growing under glass. Pkt., 4c; oz., 8c; 2 ozs., 15c; ¼ lb., 25c; lb., 75c, postpaid.



French Breakfast

WONDERFUL HALF-LONG SCARLET—23 days. So rapid in growth as to develop perfectly in 23 days. Grows about 2½ inches long, contrasting from a broad shoulder to a sharp point; very symmetrical and uniform in shape; color a bright scarlet, and altogether a gem. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.



CHARTIER OR SHEPHERD RADISH—A variety of Long Scarlet. Deep crimson at top, almost white at bottom. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

SCARLET CHINA—One of the best of the winter varieties. The roots are cylindrical, or largest near the bottom, stump rooted or blunt at both ends. The skin is smooth and of a bright deep rose color. Pkt., 4c; oz., 8c; ¼ lb., 25c; lb., 75c, postpaid.

LONG WHITE VIENNA—A very fine, long, white variety; quick growing and ready for use when very young. The flavor is mild and sweet. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

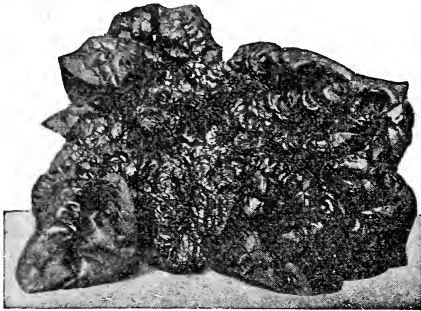
White Vienna

RADISH

LONG BLACK SPANISH—70 days. One of the latest and hardest long garden radishes; especially adapted for winter use. The roots are long, thick, almost black, somewhat wrinkled. The flesh is white, of firm texture, decidedly pungent, but well flavored. The roots when matured are usually seven to nine inches long by two or three inches in diameter at the thickest part. Pkt., 4c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

SPINACH

BLOOMSDALE—40 days. As an autumn sort it is superior to all others; but in the spring is inclined to shoot early. The leaves are twisted and bloated, giving them, when ready for shipment, an elasticity adapting them for transportation to long distances and at the same time giving the crop large measuring qualities. Pkt., 4c; oz., 8c; ¼ lb., 15c; lb., 35c, postpaid. 10 lbs., \$2.25, not postpaid.

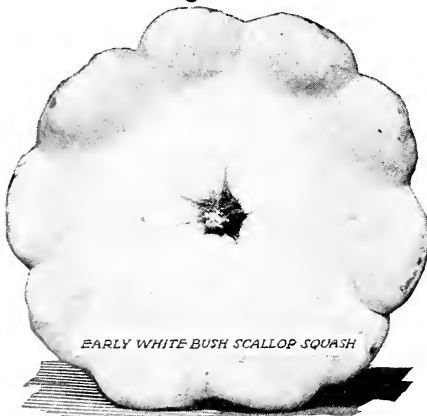


Bloomsdale

NEW LONG STANDING BLOOMSDALE—Has all the good points of the above, in addition, it will withstand the summer heat and does not go to seed. Pkt., 8c; ¼ lb., 20c; lb., 40c, postpaid. 10 lbs. \$2.75, not postpaid.

BROAD-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., 4c; oz., 8c; ¼ lb., 15c; lb., 35c, postpaid. 10 lbs, \$2.25, not postpaid.

SQUASH



EARLY WHITE BUSH SCALLOP SQUASH

EARLY WHITE BUSH SCALLOP—50 days. A very early variety, with flat, creamy white scalloped squashes, 4 to 6 inches in diameter. The vine is bush in habit and rather dwarf. This variety is the common "patty pan" squash. Pkt., 4c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

MAMMOTH WHITE BUSH SCALLOP—60 days. An early maturing, somewhat flattened, scalloped bush squash of largest size, and the handsomest of the summer varieties for home garden and market. The vines are vigorous and productive. Pkt., 4c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

YELLOW CROOKNECK—The well known summer variety. Fruit long, skin very fine and tender when young. Pkt. 4c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

COCOZELLE, ITALIAN VEGETABLE MARROW—Oblong in shape, shell dark green. Cook and serve the same as other Squash. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10, postpaid.

TOMATO

EARLIANA—90 days. Very early. Habit of vine dwarf and compact. Fruit borne in clusters of from 10 to 15 in a bunch. A remarkable variety and one which is in good favor with market gardeners. Pkt., 4c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

JOHN BAER—An early variety, maturing with Bonny Best, producing fruit equally as good as Chalk's Jewel. Color, bright scarlet; good size and smooth. The seed we offer was grown from the introducer's stock. Pkt., 4c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

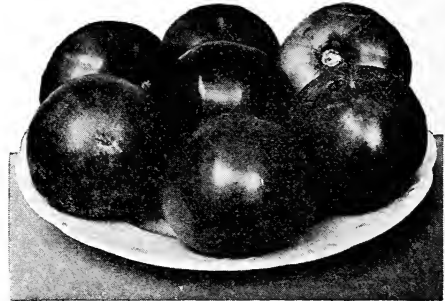


John Baer

McGEE—Well known in this state on account of its heavy-bearing qualities. It will yield splendid crops when all other varieties fail. Bright crimson, solid and good flavor. Pkt., 4c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

DWARF CHAMPION—100 days. A dwarf variety sometimes called the tree tomato on account of its upright growth and its ability to stand alone without trellising. Fruit medium-sized, smooth, uniform and of a purplish-carmine color. Pkt., 4c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.

DWARF STONE—Claimed to be the largest dwarf tomato known, almost double the size of Dwarf Champion, and is similar in habits of growth; very popular with market gardeners and home canners. Pkt., 10c; oz., 48c; ¼ lb., \$1.25; lb., \$4.00, postpaid.



June Pink

EARLY DETROIT—A new tomato of merit; fruit smooth, uniform, nearly globe-shaped, firm and of fine quality; color purplish-pink, season early. Is a fine shipping variety. Pkt. 4c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

NORTON—A main-crop, scarlet-fruited variety. Very similar to Stone, of which it is a selection. Introduced by the U. S. Dept. of Agriculture for wilt resistance. Fruits are of medium size, smooth, and solid. Norton bears well and gives a good crop. Vines make a medium to heavy growth. One of the best long distance shippers. Pkt., 4c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

AVON EARLY TOMATO—This is a scarlet fruited variety of the very earliest class. It bears as quickly as Earliana, produces fruits of good size, round or slightly flattened, smooth and free from cracks and of fine quality. It is very productive and its season is longer than other first earliest. Pkt., 8c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.

GULF STATE MARKET TOMATO—This globe-shaped purplish-pink tomato was developed from Early Detroit and is as early as that variety. It is said to be especially adapted to the Gulf States and California. The fruits are large, showing little depression around the stem, and free from cracks. Pkt., 8c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.

CHALK'S EARLY JEWEL—95 days. A wonderful new variety in that it is early and bears continuously throughout the season. The fruit is large, smooth, uniform and well ripened clear to the stem, and the flavor and quality are especially fine. Color bright scarlet. Pkt., 4c; oz., 30c; ¼ lb., 90c; lb., \$2.50, postpaid.

TOMATO

CLARK'S SPECIAL EARLY—A new excellent variety of tomato, which is now being used very extensively in the Rio Grande Valley section for shipping purposes. It is an early scarlet fruited variety, uniform in shape and carries well. Inclined to be globe shaped and bears for a very long period. Truly an excellent variety for market gardeners. Pkt., 5c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

JUNE PINK—95 days. A very early and productive pink form of Earliana. The best early pink on the market. Fruit solid and borne in profusion. Pkt., 4c; oz., 45c; ¼ lb., \$1.25; lb., \$3.75, postpaid.

BEAUTY (Livingston's) — A second-early large, smooth purple-fruited sort of good quality. Pkt., 4c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

EARLY ACME—The plants are of strong and vigorous growth; very productive fruit of medium size, perfect form, round, slightly depressed at the ends, very smooth (never rough); color a glossy red, with purplish tinge; ripens all over and through at the same time. Pkt., 4c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.

STONE—115 days. The best main-crop tomato for all purposes, and largely used for canning. Vine tall and prolific. Fruit smooth, large and uniform. Color bright scarlet. Pkt., 4c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

COOPER'S SPECIAL—An improved strain of Livingston's Globe. Fruit purple, globe shaped. It yields heavier than Globe and its carrying qualities are equally as good. Pkt., 5c; oz., 60c; ¼ lb., \$1.75; lb., \$5.00, postpaid.

MARGLOBE—Tested repeatedly and approved by the United States Department of Agriculture. Is sure to be planted extensively before long. This is what the Department says about it, "Very productive, second early variety. Fruits large, smooth, meaty, red, globular. Highly resistant to wilt and somewhat resistant to blights." Pkt., 5c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.



Yellow Pear

LIVINGSTON'S GLOBE—A large purple-fruited variety of excellent quality. Fruit large, very smooth and matures earlier than most main crop sorts. The average tomato is very deep, almost globe-shaped, and very solid. It is one of the leading varieties grown throughout Florida to ship North. Our stock of this important variety is of excellent quality. Pkt., 4c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

YELLOW PLUM—95 days. A small-fruited, bright golden yellow variety very attractive; for salads or preserves. Pkt., 4c; oz., 50c; ¼ lb., \$1.50, postpaid.

YELLOW PEAR—Same as Yellow Plum, except that it is the shape of a pear and a trifle smaller. Pkt., 4c; oz., 50c; ¼ lb., \$1.50, postpaid.

RUTABAGA

AMERICAN PURPLE TOP OR LONG ISLAND—One of the best and most popular varieties, with yellow flesh. It is yellow below ground, with purple top above, and the leaves are small. A good stock-feeder or table variety. Pkt., 4c; oz. 5c; ¼ lb. 20c; lb. 60c, postpaid.



Purple Top
White Globe

TURNIP

PURPLE TOP WHITE GLOBE—An early, medium-sized, globular shaped turnip of good quality for either table or stock. A heavy producer and good keeper. The flesh is white and of good eating quality while young. Pkt., 4c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

WHITE EGG—A sort forming root the shape and size of egg in an incredibly short period after sowing. Flesh always palatable. Pkt., 4c; oz., 10c; ¼ lb., 20c; lb., 60c, postpaid.

POMERANIAN WHITE GLOBE—Large variety, used largely for stock. Is globe shaped, large leaves, hardy. Pkt., 4c; oz., 5c; ¼ lb., 20c; lb., 60c, postpaid.

EXTRA EARLY PURPLE-TOP MILAN—An excellent medium size turnip, almost as early as White Milan, smooth white surface, purple top, flat shape, white flesh—its growth is very uniform and quality the best. Pkt., 5c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

COWHORN TURNIP—This turnip grows very long, often 12 inches or more, and 2 inches in diameter and nearly half above ground. It is very popular for stock feeding, and is clear white except a little shade of green at the top. Pkt., 4c; oz., 5c; ¼ lb., 60c, postpaid.

YELLOW ABERDEEN—A large sized, round, late maturing, long keeping, yellow fleshed turnip. It is hardy, productive, and valuable for stock feeding. The roots are yellow with purple top. The flesh is pale yellow, firm, tender and sweet. Pkt., 4c; oz., 5c; ¼ lb., 20c; lb., 60c, postpaid.

EARLY WHITE FLAT DUTCH—Strap Leaved. A medium-sized flat variety, clear white, early and of fine flavor. A fine table variety. Pkt., 4c; oz., 5c; ¼ lb., 20c; lb., 60c, postpaid.

LOUSE RESISTANT—A splendid white globe turnip which grows well in hot and dry weather. Lice do not seem to attack this variety as quickly as other turnip greens. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50, postpaid.

PURPLE TOP FLAT DUTCH—Strap Leaved. An early flat variety. White with purple top. It matures quickly and has fine grained, flesh of fine flavor. It forms early a fine root, even in shape and of the best quality. Pkt., 4c; oz., 5c; ¼ lb., 20c; lb., 60c, postpaid.

GLADIOLI BULBS

Plant in open ground when danger of frost is past. Plant eight inches apart and cover about three inches deep.

AMERICA—One of the most popular Gladioli offered; lavender pink flowers of very large size, borne on robust stems, make delicate cut flowers. Doz., 50c, postpaid.

MRS. FRANK PENDLETON—A very early variety. The flowers are of a beautiful salmon-pink with a creamy white blotch in the throat which greatly enhances its beauty. Doz., 75c, postpaid.

HALLEY—A most attractive early blooming sort, with large well-opened flowers of delicate salmon-pink with a creamy blotch on lower petals. Per doz., 75c, postpaid.

PEACE—One of the grandest white introductions of 1912. This variety seems to produce blossoms later in the season than any other variety. Doz., 75c, postpaid.



Mrs. Francis King

MRS. FRANCES KING—The magnificent flowers measure four and one-half inches across. A brilliant flamingo-pink, blazed with vermilion red. Doz., 75c, postpaid.

SCHWABEN—For size of flower and keeping qualities this Gladiolus is considered as being the best of yellows. Doz., 75c, postpaid.

TUBEROSES

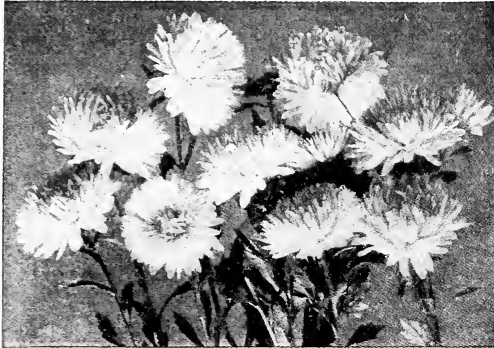
MEXICAN EVERBLOOMING—The most beautiful Tuberose that was ever brought to our attention. It begins to produce its fragrant flowers in June and blooms continually until frost. Plant them in good soil and water them occasionally during extreme warm weather, and an abundance of lovely flowers will be the reward. In the southern part of the state the bulbs may be left in the ground all winter. Doz., 40c; 100, \$2.00, postpaid.



SATEX FLOWER SEEDS

All Flower Seeds Postpaid

ANTIRRHINUM or SNAPDRAGON—Their beautiful colors and fragrance are wonderfully pleasing. Pkt., 5c; oz., 40c.



Asters

ASTERS—Queen of the annual flowers. One of the best flowers we have for cutting and bedding. They look well either in borders or near foundation of house. Colors are bright and attractive.

	Pkt.	Oz.
Queen of the Market.....	5c	60c
American Branching	5c	70c
Globe Quilled	5c	50c

BACHELOR BUTTON—Called Corn Flower by many people. Mixed Colors. Pkt., 4c; oz., 25c.

BALSAM (Touch-Me-Not)—The many colored flowers grow along the stem, intermingled with the foliage, makes a most attractive plant.

CAMELIA FLOWERED — Double flowers all colors. Covered with white polka dots. Pkt., 5c; oz., 30c.

ROSE FLOWERED—Double flowers all colors. Pkt., 5c; oz., 30c.

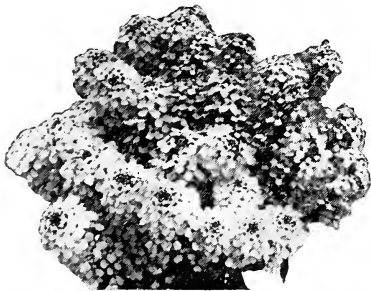
We recommend **VIGORO** as a Fertilizer for flowers, also advise the use of **SNAROL** as a protection against sowbugs, snails, etc.

BALSAM—A rapid climber bearing small bulbs.

	Pkt.	Oz.
Apple	5c	40c
Pear	5c	40c

CALIFORNIA POPPY—Color a bright orange yellow and white. Pkt., 4c; oz., 25c.

CALENDULA—Yellow and orange. Blooms from early summer to frost. Pkt., 4c; oz., 25c.



Candytuft

CANDYTUFT—A splendid border plant bearing clusters of flowers somewhat resembling plox. Colors, Rose, Carmine, Lavender and White.

	Pkt.	Oz.
Empress (White)	5c	40c
Mixed	4c	25c

GLOBE AMARANTH (Bachelor Button)—Also known as Straw Flower. Color white to crimson, resembling clover blossoms. Pkt., 4c; oz., 50c.

HOLLYHOCK—Splendid background for a flower garden and shows up well along the fence. Bearing open rose shaped flowers. Mixed colors. Pkt., 5c; oz., 35c.

HYACINTH BEANS—A rapid climber, blooms and pods are very ornamental. Colors, White, Purple or Mixed. Pkt., 4c; oz., 20c.

LARKSPUR—A tall branching variety bearing flowers in clusters similar to hyacinths. Colors Blue, White, Pink. Pkt., 5c; oz., 30c.

MARIGOLD—A showy plant with a profusion of flowers in brilliant colors of yellow and orange. Pkt., 5c; oz., 40c.

MIGNONETTE—Very fragrant. Large flowering. Pkt., 5c; oz., \$1.00.

CARNATION (Marguerite)—A half-hardy plant, blooming during the early summer. Fragrant. Double. Colors white and various shades of pink. Pkt., 5c; oz., 50c.

CASTOR BEANS (Ricinus)—The large ornamental variety. Pkt., 4c; oz., 25c.

CHINESE WOOL FLOWER—Dwarf. Similar to cockscomb bearing small balls of flowers of deep red color. Pkt., 5c; oz., \$1.00.

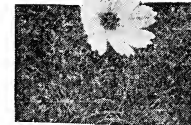
CHRYSANTHEMUM—Large, daisy-shaped, blooms with old and beautiful arrangement of colored rings surrounding centers.

	Pkt.	Oz.
White	4c	75c
Yellow	4c	75c
Mixed	4c	25c



Cockscomb

COCKSCOMB (Celosia)—Dwarf variety. Has beautiful crested head of deep rich red velvet color. Pkt., 5c; oz., \$2.00.



Cosmos

COSMOS — A tall, feathery, green stalk bearing daisy-like flowers in all shades of lavender, pink, red and white. Blooms all summer. Pkt., 5c; oz., 45c.

CYPRESS VINE—A very ornamental climber with fine feathery leaves bearing small red and white star shaped flowers. Pkt., 5c; oz., 30c.

DAHLIA—As a rule blooms first year from seed. Each plant different. Save bulbs from worthwhile plants. Pkt., 5c; oz., 75c.

FOUR O'CLOCK—Used for hedges for large beds for public foundation planting and places. Mixed colors. Pkt., 5c; oz., 30c.

FORGET-ME-NOT — A dwarf plant bearing small blue flowers. Pkt., 5c; oz., 75c.



Hollyhock

MOONFLOWER—A very rapid climber bearing large white flowers blooming at night. Pkt. 8c; oz. 60c.

MORNING GLORY (Heavenly Blue)—A beautiful climber bearing very large blue flowers in great profusion almost hiding foliage. Pkt. 8c; oz. 90c.

MORNING GLORY (Japanese Mixed)—A very reliable climber bearing flowers in many variegated colors. Pkt. 8c; oz. 40c.

NASTURTIUM (Dwarf)—Used for a border along walls, paths, etc. A constant bloomer and very attractive in color. Pkt. 4c; oz. 15c.

NASTURTIUM (Tall)—Used for arbor and trellis decoration. Flowers very rich in colors, striped and spotted with different shades. Pkt. 4c; oz. 15c.

PANSY—No description is necessary of this flower. As we all know and love it. Should be in every flower garden.

	Pkt.	Oz.
Giant Trimardeau	Sc	\$1.50
Non Plus Ultra	Sc	2.50

PETUNIA—Their richness of color, duration of bloom and easy culture will always make them popular. Pkt., 8c; oz., 60c.

PHLOX (Drummond Mixed)—A very popular annual. The flowers are brilliant and of varied colors, it blooms profusely and continuously and one of the last to succumb to the frost. Pkt., 8c; oz., 75c.

PINKS—Splendid large flowers of the most brilliant colors and markings. Constantly in bloom up to frost.

	Pkt.	Oz.
China (Double Mixed)	Sc	60c
Heddewigii (Double Mixed)	Sc	75c

POPPY—Colors very attractive and showy.

	Pkt.	Oz.
Carnation Flowered	4c	20c
Shirley Flowered	4c	30c

PORTULACA (Moss Rose)—Nothing makes a prettier display than a bed of many hued, brilliant colored Portulacas. Pkt., 8c; oz., 40c.

SALVIA (Splendens)—Flowering sage, is a very ornamental plant, flowering in spikes of a rich red color. Pkt., 8c; oz., \$1.50.

STOCKS (Ten Weeks Mixed)—Plants grow about one foot high, making a compact bush covered with splendid spikes of most brilliant colors and varieties. Pkt., 8c; oz., \$1.25.



Stocks

SWEET WILLIAM—A very popular flower forming large trusses of blossoms in a great variety of eyed and variegated colors.

Single	4c	20c
Double	Sc	50c

VERBENA—The most popular bedding plant. Grown from seed the plants bloom more profusely than from cuttings. Pkt., 8c; oz., 60c.

VINCA (Periwinkle)—An attractive and ornamental bedding plant. Splendid for borders.

White	Sc	\$2.00
Rose	Sc	2.00
Mixed	Sc	2.00

SWEET PEAS

SUPERB SPENCER SWEET PEAS—Spencer variety (Mixed) Sweet Peas will grow and blossom in any good garden soil. For best success sow early, as early as the ground can be worked in the spring. Regardless of the weather sow early, in trenches 4 inches deep; cover about 1 inch with soil, and fill the trench as plants grow. Set the support early and hoe often. The Spencer mixture which we offer contains a beautiful mixture of colors and of large, gracefully frilled blossoms.

Superb Spencer Mixed. Pkt., 10c; oz., 30c; lb., \$2.50.

Inoculate Sweet Peas with Farmogerm.

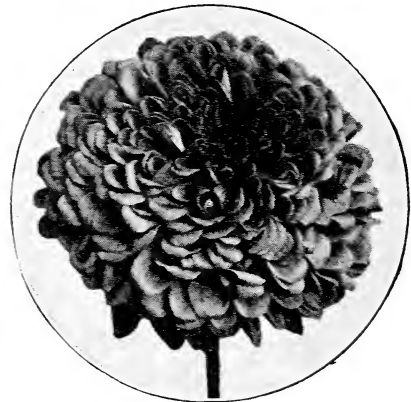


QUEEN'S WREATH

ANTIGONON LEPTOPUS (Rosa Montana, Mountain Rose or Queen's Wreath)—A lovely flowering vine bearing most profusely immense racemes of beautiful rose colored flowers. Hardy along the coast, but inland it is liable to be killed down by frost but will come away from the ground again the next spring and quickly attain considerable height. Each, 35c and 60c.

SATEX MAMMOTH ZINNIA

Don't Fail to Order Some of These Wonderful Zinnias



You may have often passed by a bed of mammoth Zinnias, and if you will ask the owner where he procured the seed of same, he will invariably answer that he procured them from us. Our strain of Mammoth Zinnias are known all over the State, and you cannot procure seed anywhere which will give you a better strain than our mammoth variety. This strain produces flowers as large as the finest Dahlias, magnificent in petalage and of the brightest imaginable coloring.

	Pkt.	Oz.
Double Lavender	Sc	75c
Double Pink	Sc	75c
Double White	Sc	75c
Double Red	Sc	75c
Double Yellow	Sc	75c
Double Scarlet	Sc	75c
Double Mixed Giant	Sc	75c

GIANT DAHLIA FLOWERED ZINNIA—Latest development in Zinnias with flowers of enormous size and resembling the decorative Dahlia very much in shape. Mixed colors. Pkt., 20c.

GIANT PICOTEE TYPE—A remarkable new and distinct class with beautiful double flowers, each petal being distinctly tipped with various shades, resembling the Picotee Carnations. Pkt., 20c; 1/4 oz., 75c.

LILIPUT—The plants form handsome little bushes and fairly bristle with tiny, short-stemmed, very double flowers hardly exceeding a daisy flower in size. They are very pretty plants; bloom all summer until late in the fall. Mixed pkt., 10c; 1/4 oz., 25c; oz. 75c.

FIELD SEEDS

The varieties of field seed listed are adapted to the climate conditions of Southwest Texas. They are grown for us by one of the best growers of field seeds in the state, and you will find them of the best quality and true to name.

NOTICE—Owing to the fact that a great many merchants sell country run seed to the trade, we are forced to put out two grades of grain sorghums, the **Satex Standard brand**, which is thoroughly re-cleaned and tested, and is put up for the trade who desire quality. If you desire the other grade, we can supply same at competitive prices. Quality Seeds pay in the long run, and we can recommend Satex Standard brand as the highest quality.

ALFALFA

HAIRY PERUVIAN SEED—Facts you should know. It is impossible to distinguish Hairy Peruvian from other varieties of Alfalfa seed. Plant five pounds more to the acre than other varieties, must have thick stand to give you good quality hay, otherwise stems will be very woody. Plants grow taller, stems larger with hair on full length of stem; also hair on under sides of leaves. Color of leaves grayish-green, with the veins in them showing very prominent. **Lb., 35c.**



Alfalfa

ALGERIA

A new grain, very superior both as a grain and as a forage crop to any of the crops now being grown. Produces in most cases from two to three times as much grain per acre as the other grains, and as much as 12 times as much fodder per acre.

It makes a large soft grain, the largest heads ever produced by any crop. The heads weighing from ¾ to 1 pound, each making as high as 8 heads to the stool.

It makes a stalk from 4 to 5 feet, with leaves about twice the size of Indian corn, and from 15 to 19 leaves to the stalk. **Pound, 20c.**

SEED CORN

GIANT STRAWBERRY—We consider this to be the finest variety of corn to grow for seed. It is very productive and makes fine big ears. First-class seed of the variety is very scarce this year. **Lb., 10c.**

HICKORY KING—Has the smallest cob of any corn grown. Makes a very large white flat grain and is very largely planted for roasting ears. **Lb., 10c.**

BLOODY BUTCHER—The standard variety of large, red grain corn. Enormous yielder. **Lb., 10c.**

SURE CROPPER CORN—A truly remarkable drought resisting power. As old as is the history of corn growing in the South and Southwest is the search for a corn able to hold up and make a crop on the scanty moisture which we have in so many fields at some period of almost every season. In Sure Cropper we have found that corn. **Lb., 10c.**

GIANT WHITE RED COB—Makes a very large ear of the finest corn. Grains very large, deep, wide and thick, cob red, very popular wherever tried. We recommend this as being the finest variety of White Red Cob Corn. Has a very large, deep, wide, thick grain. Grains of medium size. **Lb. 10c.**

GIANT YELLOW—This beautiful yellow Corn is deeply grained and very uniform in size. It is a sure cropper and good yielder. Matures in 90 to 100 days. **Lb., 10c.**

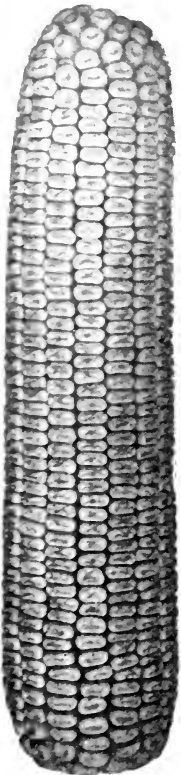
NATIVE SQUAW CORN—A drouth-resisting variety, plantable in the summer months. It has blue and white grains, therefore not so desirable by the market gardener. However, it makes a sweet and very juicy roasting ear. **Lb., 10c.**

TEXAS GROWN JUNE CORN—The stalks under favorable conditions grow from 7 to 8 feet high, and yields from 30 to 60 bushels to the acre. For best results is should not be planted until June or July, as it stands the hot weather better than any corn. Seed can be procured at any time after May 15th. **Lb., 10c.**

CHAMPION WHITE PEARL—An extra early pure white variety of dent corn. Matures in 100 days from time of planting, is very productive and the ears are exceedingly heavy. The grains are extra deep and white, and the cob is very small. A great favorite. **Lb., 10c.**

YELLOW SHOEPEG—An excellent long thin grained yellow variety, excellent drouth resister, matures in 90 days. An excellent variety for the dry land farmer. **Lb., 10c.**

DROUTH RESISTER CORN—It is a white early maturing, deep rooted, drouth resisting corn, with medium sized stalk; a corn that is easy to get a stand of, for it is a very hard variety and a fast grower. Reese Drouth Resister is an exceptionally deep rooted corn which roots almost straight down, with an abundant root system, permitting plowing within six inches of stalk and to a depth of six inches without disturbing the root system. It is almost impossible for a man to pull up a stalk of Reese Drouth Resister when in roasting ear. **Lb., 15c; Pk., \$1.50.**



Sure Cropper

SAFEGUARD YOUR CORN WITH SEMESAN JR.

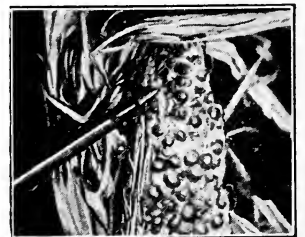
Ear, root and stalk rots that attack America's corn crop cause an annual loss of \$200,000,000, often destroying from 10 to 50% of an entire planting. The illustration shows how disease attacks the ear.

Fortunately through the disinfection of seed corn with Semesan Jr., these diseases are not only controlled but largely prevented.

A simple dusting of seed corn saves time, money and materials in planting. Three ounces of Semesan Jr. will treat one bushel of seed. A cost of only 4 cents an acre of field corn and 6 or 7 cents per acre of sweet corn. Why take chances when low cost protection is available?

PRICES

4 ozs.	\$.60	25 lbs.	\$ 37.50
1 lb.	1.75	50 lbs.	72.50
5 lbs.	8.00	100 lbs.	140.00



Diseased Ear of Sweet Corn

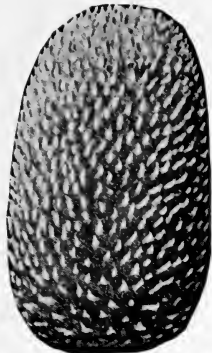
POPCORN

There is always a good market for Pop Corn, and every corn grower should plant it.

WHITE RICE—This is the best variety of white Pop Corn for popping. **Lb., 10c.**

JAP-O-RICE—A newer variety. Cob small, grains long and slender. Used by nearly all commercial poppers. A really wonderful variety. **Lb., 15c.**

QUEEN'S GOLDEN—Produces ears in great abundance on stalks nearly six feet high. It pops perfectly white. A single kernel will expand to nearly an inch in diameter. **Lb., 15c.**



Jap-O-Rice

the forage and ensilage as it is quite sweet and grows an abundance of broad, long leaves. It is a wonderful grain to stool out, not unusual for one seed to send up 6 to 10 stalks each making a fine head of large, light brown grains, which make an excellent stock and poultry food, one of the best drought resistors, of the sorghum family. Our seeds are acclimated. Drill at the rate of 3 to 5 pounds per acre. **Price: Lb., 10c.**

TRUE DARSO—This wonderful sorghum is neither saccharine nor non-saccharine. It originated in what is called a "spor" stalk brought in by a farmer in 1912 to the Experiment Station at Stillwater, Oklahoma. After 8 years experimenting Dean Knight stated it was the best silage and feed crop, and the people of Corryell County, Texas, seem to indorse same, as they are rather enthusiastic about it. It will cross with other grain sorghums if planted near them. Six pounds of seeds will plant an acre. **Lb., 10c.**

SACCHARINE SORGHUMS

NON SACCHARINE SORGHUMS

DWARF STRAIGHT NECK YELLOW MILO MAIZE—This variety is the most popular Milo Maize and stands the drought well. It is earlier than Kaffir Corn and White Milo Maize, and very prolific. Stock seems to prefer it to corn, and it has a laxative effect on them, keeping them in good condition. **Lb., 10c.**

DWARF BLACK HULL WHITE KAFFIR—It makes a straight upright growth and has a strong stem with enormous wide leaves. The heads form at the top of each stalk. For the grain sow in rows 3 feet apart, 3 to 5 pounds of seed to the acre. For fodder sow one-half to one bushel, either broadcast or in drills. **Lb. 10c.**

FETERITA—The best drought-resistant non-saccharine sorghum, and pretty well known in this state. Earlier than Kaffir Corn, and a very heavy yielder. The grain is similar to Milo, but is pure white and also larger and softer. It does not shatter badly and yields as high as 80 bushels to the acre. **Lb., 10c.**

SHALLU or EGYPTIAN WHEAT—This grain grows something like Broom Corn. It stools out from the root, making from 3 to 6 stalks. It has been planted in almost every section of Texas and has produced splendid crops. It is very productive, making an enormous yield of grain and fodder, and has given great satisfaction to every grower. Shallu or Egyptian Wheat should be sown in drills 3 feet apart, using from 5 to 10 pounds of seed per acre. **Lb., 10c.**



Japanese Honey Drip

RED TOP or SUMAC CANE—This is the most popular variety for our state, and the one is most generally planted. Seed is smaller than that of the Orange or Amber. Produces an immense quantity of fodder. **Lb., 10c.**

EARLY ORANGE—This variety has taller and heavier stalks than any variety of cane. It is not quite as early as the Early Amber, but is a better producer, and is better for syrup-making. **Lb., 10c.**

EARLY AMBER—This is the earliest sort, and makes fine hay, which is relished by all stock. **Lb., 10c.**

JAPANESE HONEY DRIP—Known in some sections as Japanese Seeded Ribbon Cane. It makes an unusually large stalk, sometimes as large in diameter as Ribbon Cane and much taller. Yields as much as four to five hundred gallons of the very best syrup to the acre. **Lb., 20c.**



Hegari

HEGARI, the NEW GRAIN SORGHUM—Some years ago when Kaffir Corn, Milo Maize and Feterita were introduced into the dryland farming crop catalog many people probably imagined that the limit in grain sorghum development had been reached; but that is almost certainly a mistake. We have abundant reason to hope for greater things yet. The new grain Sorghum Hegari, while it is too recent an introduction to justify settled conclusions, certainly promises in some respect, to outmerit all of its predecessors. **Lb., 10c.**

SHROCK KAFFIR SORGHUM—This is a comparatively new grain which was originated in Oklahoma and has been planted in Texas for several years. It is claimed to be one of the finest of the sorghums for

COW PEAS

WHIPPOORWILLS—Has brown, speckled seed, easily gathered on account of the upright, bushy growth of the plants. The most generally planted pea on the market, being one of the earliest and best varieties on the market. **Lb., 15c.**

BLACKEYE—Grown extensively, as the dry peas find a ready market during the winter. The vines furnish excellent forage and produce large quantities. **Lb., 15c.**

PINK BEANS—Grown extensively as a dry bean and finds a ready market. **Lb., 15c.**

CREAM PEAS—This is the most beautiful table Peas we have ever had the pleasure of offering our customers. It has given best satisfaction of any variety we have ever offered for table use, and very deservedly so, as there are none that can surpass it in splendid flavor. In point of yield they double the well known Blackeye, command a higher price on the market, cook quicker and are in every way superior to it as a table sort. It grows in bunch form. Peas are of a cream color. **Lb., 15c.**

PINTO BEANS—Grown mostly for a dry bean but makes a good snap bean when the pod is young and green. Pods flat and tender. **Lb., 15c.**

BROWN CROWDER—An excellent bearer and vines make a splendid forage. Planted extensively as a dried pea. **Lb., 15c.**

GRASS SEED



Sudan

SUDAN GRASS—The great hay and forage crop. This wonderful new grass seems to be taking the country by storm. This grass has been grown very extensively in Texas the past season and has been tested out in a number of other states and the verdict is unanimous everywhere it has been grown it spells success. It seems to grow successfully on all kinds of land, stands dry weather and does not blight under ample rainfall. Sudan Grass is thought to be the original wild form of the cultivated sorghums. It is an annual, the seed having to be sown every year. It looks very much like Johnson Grass when growing but has a different root growth. Johnson Grass reproduces itself from underground root stalks as well as from the seed. Sudan Grass will not sprout from the roots after frost has killed the plant. Ranges in height from 5 to 10 feet, stems small and somewhat more leafy than Johnson Grass. Like the sorghum crops it must be planted each spring and dies when the frost comes. **Lb., 15c.**

RHODES GRASS—A substantial grass of African origin and introduced into the United States a short time ago. Has proven since then as one of the best species for pasture or dry soil and is of great agricultural importance. It is a perennial sort which does not spread by underground root-stocks, but produces running branches which root at the joints, thereby producing new plants. It grows from 3 to 4 feet high, with a large number of very long, narrow and tender leaves. **Lb., 75c; 10 lbs., \$6.50; 100 lbs., \$55.00.**

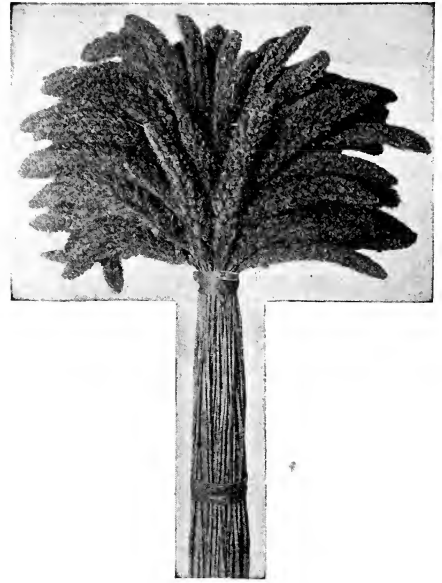
BERMUDA GRASS—Almost everybody living in this section of the country knows this grass. It is planted as a lawn grass, and nothing will stand the sun better, or will make a prettier carpet, when kept short, than this grass. It is also very valuable as a pasture and hay grass, which therefore had to be propagated by the roots. **Lb. 60c; 10 lbs., \$5.50; 100 lbs. \$45.00.**

ENGLISH RYE GRASS—Is largely sown by our landscape gardeners for winter lawns on Bermuda soil. The Bermuda blades being easily affected by frost, be-

come red and rusty looking, while English Rye during winter presents a most beautiful appearance, being of a vivid green, and as the Bermuda during April and May make its appearance it overgrows the English Rye, causing the latter to decay and act as a fertilizer to the existing grass. It should be sown from September to March at the rate of 3 to 4 bushels of seed per acre. **Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$16.00.**

MILLET

FANCY BIG GERMAN—The most popular of all the Millet for hay or seed. It matures in six to eight weeks after planting. If wanted for hay, it should be cut while in bloom, as the hay quality decreases as soon as the seed hardens in the head. Our variety of Millet is the best and you will find it superior to any variety. **Lb., 15c.**



Millet

HOG MILLET—The seed is large for a Millet and makes a rich food. Good for hogs or chickens. The seed ripens while the stem is yet green, so that if cut promptly you can get a crop of seed and also one of fodder or ensilage. **Lb., 15c.**

RAPE SEED

One of the best forage crops on the market, making excellent feed for hogs, sheep, cattle and poultry. Very similar to Collard greens, and may be cooked and eaten like Collards. Sow at the rate of three pounds to the acre.



Rape

DWARF ESSEX—This is considered the most desirable variety of Rape, and should be planted on every farm and in every garden. Furnishes rich, nutritious pasture and green feed six to seven weeks after planting. **Lb., 25c; 10 lbs. \$2.00.**

SUNFLOWER

MAMMOTH RUSSIAN—Produces very large heads sometimes 15 inches across. The seeds are valued very highly as a feed for poultry. The seed can be planted on a waste piece of ground any time in the early spring and until the middle of July. Should be sown at the rate of about three pounds to the acre. Lb., 20c; 10 lbs., \$1.50.

PEANUTS



SPANISH—The earliest variety grown, pods are small, but remarkably well filled and solid, and the yield per acre is very large. Can be cultivated with the plow. Because of its early habit and easy cultivation it is best variety to grow for fattening hogs. Lb., 15c.

WHITE JUMBO—This is the standard variety for roasting. The peanuts are three times as large as those of the ordinary Spanish peanut. The nuts proper grow in fine double jointed hulls of beautiful white appearance, are from one-half to one inch in length, and of fine flavor. An excellent variety worthy of the highest recommendation. Lb. 20c.

SEED INOCULATION



WHAT FARMOGERM IS: A pure culture of nitrogen-fixing bacteria of highest quality. By reason of the patented stopper, which admits air and excludes contaminations, FARMOGERM is guaranteed for five years—always fresh—always strong and virile. A Sensible Insurance and a Profitable Investment.

We believe in inoculation, we favor the pure jelly medium, and we believe in FARMOGERM. We recommend that all legume seeds purchased from us be inoculated before planting.

(A different culture is required for each legume group, so, when ordering, be sure to state what crops you wish to inoculate.)

NEW LOW PRICES for small seeds—Clovers, Alfalfa, etc.

¼-bushel size	\$0.35	Postpaid
½-bushel size .....	.60	"
1 -bushel size	1.00	"
2½-bushel size	2.25	"
10 -bushel size	8.00	"

Special Reduced Prices on Cultures for large-size Seeds, Soy Beans, Cowpeas, Peas, Vetches, etc.

½-bushel size	\$0.35	Postpaid
1-bushel size .....	.60	"

Special Garden Size for Garden Peas, Beans, and Sweet Peas, 25c.

STIM-U-PLANT

PLANT FOOD IN TABLET FORM

The modern efficient and scientific method of fertilizing all kinds and condition of growing plants in home garden, orchard and on farms.



STIM-U-PLANT—Is a 26-grain tablet with a guaranteed chemical analysis of 11% Nitrogen, 12% Phosphoric Acid and 15% Potash. No other plant food contains anything like as high an analysis as this.

1. They give an exact feeding unit.
2. No messy mixing.
3. No unpleasant odor.
4. Maximum efficiency because no food-value lost in scattering, leaching, or run-off of soil surface-water.
5. Makes repotting of plants unnecessary as it replaces the food withdrawn by the growing plant.

Stim-U-Plant tablets are packed in four sizes:
 *Trial Size, 15 cents. Containing 10 Tablets.
 *Small Size, 25 cents. Containing 30 Tablets.
 *Medium Size, 75 cents. Containing 100 Tablets.
 *Bucket, \$3.50. Containing 1,000 Tablets.
 Postpaid

SOILTEX

SOILTEX Tells What Your Soil Needs

With Soiltex, a new quick, easy and accurate soil testing method developed at the Michigan State Agricultural College, you can determine exactly in a few minutes whether your soil is acid, and how much lime it needs. Each outfit will make 75 to 100 tests. Pocket-size Soil Testing Outfit, with color chart and lime table, \$1.00, postpaid.

A NEW, SAFE SPRAY for Healthier Gardens

FOR FLOWERS, VEGETABLES, VINES, SHRUBS

Kills Only Insects

Assure your plants of positive protection against insects. SHEPS Non-Poisonous Plant Spray controls and kills both sucking and chewing insects, including Aphids, Thrips, Green Flies, White Flies, Mealy Bugs, Worms, Caterpillars and others.

GUARANTEED NON-POISONOUS

Absolutely safe for humans, birds, animals and plants. Sure death to insects. Will not injure the most delicate blooms or plants. Benefits soil and foliage.

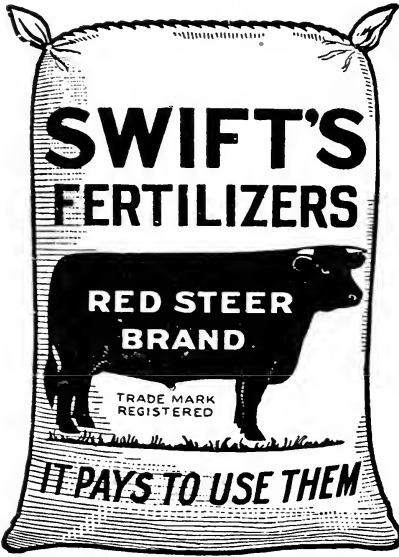
The easiest spray to mix. SHEPS Plant Spray is poured into water. Stir for 15 seconds. Add the required amount of water and you are ready to spray. 20 seconds from bottle to plant. No tedious and time-taking mixing—no soapsud solution. Full directions on each bottle.

PRICES POSTPAID

2-oz. Bottle (makes 4 gals Spray Sol.)	....	.35
8-oz. Bottle ( " " " " )	....	.75
Pint Bottle ( " " " " )	....	1.25
Quart Can ( " " " " )	....	2.00
Gallon Can ( " " " " )	....	6.35
5-Gal. Can ( " " " " )	....	30.00

Bulk Prices Quoted On Request





SWIFTS FERTILIZERS

NOTE—Prices on all fertilizers are subject to market changes. Write for quantity prices.

Acid Phosphate—16%—It gives excellent results on nearly all crops, but is especially recommended for use on grains and grasses. Lb., 4c; 100 lbs., \$1.75.

Bone Meal—Ground very fine. Acts very quickly. There is no better fertilizer for the home garden than this splendid material. Splendid for rose beds, pot plants, etc. Lb., 6c; 100 lbs., \$4.00.

Lime (Hydrated)—For the sweetening and renovating land that has become sour. It promotes growth and has a tendency to prevent weeds. Lb., 2c; 40 lbs., 50c.

Nitrate of Soda—A fertilizer very quick in action and used for the nitrogen it contains. Will mature a crop several weeks earlier and greatly improve it. Lb., 10c; 100 lbs., \$4.50.

Swift's 12-4-4—For fruit trees and small fruits, garden truck, etc. Quick in starting, lasting in effect, etc. Quick in healthy growth and developing the fruit, fine for all root crops. Lb., 5c; 100 lbs., \$3.00.

Swift's 10-4-7—This brand has been especially prepared for such crops as require a quick, strong fertilizer, should be well mixed into the soil, suitable for all garden truck especially strawberries and watermelons. Lb., 5c; 100 lbs., \$3.25.

Muriate of Potash—To be used liberally, especially for root crops. Lb., 5c; 100 lbs., \$3.50.



Better Lawns—Better Vegetables—Better Flowers

You can have better lawns, flowers, and vegetables, if you use hardy, disease-free seed and the right plantfood.

Plants, like human beings, must receive the right nourishment. VIGORO provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed or applied with an ordinary kitchen colander. Effective because it contains all of the elements of plantfood required to produce early, vigorous growth and bring fruit, flowers, and foliage to full development. Complete directions in every bag.

- For Lawns
- Gardens
- Flowers
- Shrubby
- Trees

VIGORO
Specially prepared plant food

A Swift & Company Product.

100-lb. bag	\$5.00
50-lb. bag	3.00
25-lb. bag	1.75
5-lb. bag .....	.50

New, scientific method, death to cut worms, slugs, snails, earwigs, sowbugs, grasshoppers and other annoying pests.

Water doesn't harm it, and it doesn't harm the plants or vegetation.

Good plants, seeds and bulbs are often ruined by the ravages of the above mentioned pests. Generally they do their work at night—while you sleep. They advance on vegetation and destroy the tender growth as they shoot out of the ground. Nearly everything with which they come in contact is thus destroyed.

Snarol is a scientifically prepared meal that you simply broadcast on the ground around the flowers and under the shrubs. The pest eats it as a food and is quickly exterminated. This modern pest control, unlike many others, is safe to use around pets or fowls.

Snarol is widely endorsed by leading nurseries, institutions and gardeners everywhere. It is easy to use and quick to effectively destroy the pest, which may be eating the tender shoots of your favorite flowers, vegetables or plants. Use Snarol in the garden and you will be free from the ravages of these pests. Write us today for a supply, or free 24-page booklet on Pest Control, written by Mr. A. D. Cardinet, famous entomologist, and discoverer of Snarol.

PRICES—POSTPAID

1-lb. Carton	8.50*
3-lb. Carton	1.00*
15-lb. Bag	3.75*
100-lb. Bag	15.00*



ACME INSECTICIDES FUNGICIDES



Acme Arsenate of Lead

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray. Prices: ½ lb., 20c; 1 lb., 35c; 4 lbs., \$1.00.

Acme Garden Guard

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Prices: 1 lb. sifter carton, 25c; 5 lbs., 75c.



Acme Paris Green

A rich, emerald color and of fine fluffy physical character. Containing 55% arsenious oxide, it will give quick control where extreme measures are necessary.

For use on: Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary. Prices: ¼ lb., 15c; 1 lb., 50c; 5 lbs., \$2.00.

Acme Calcium Arsenate

The cheapest arsenical insecticide on the market but of great economy and efficiency for certain purposes. The accepted dust for boll weevil poisoning on cotton; also recommended to combat chewing insects on potatoes, vegetables, cotton and certain fruit trees. Prices: ½ lb., 15c; 1 lb., 25c; 4 lbs., 70c; 100 lbs., \$8.50.



Acme Two-Way Spray

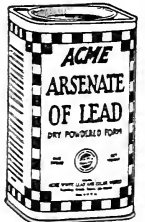
A balanced insecticide and fungicide containing 14% arsenate of lead and 83% Bordeaux Mixture. Two results with one application.

Use wet or dry on: Apple, sour cherry, currant and gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables. Prices: ½ lb., 25c; 1 lb., 45c; 4 lbs., \$1.20.



Acme Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture. Prices: 1 lb., 35c; 4 lbs., \$1.00.



Acme All Round Spray

Flowers, vines, shrubs, roses, vegetables, need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers. Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package. Prices: ¼ lb., 45c; 1 lb., 95c.



Acme Lime Sulfur

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

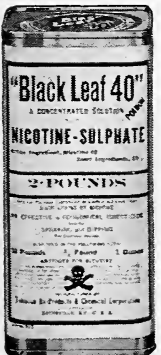
For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite. Prices: 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50; 100 lbs., \$15.00.



Acme London Purple

A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage.

For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects. Prices: ¼ lb., 15c; 1 lb., 35c; 4 lbs., \$1.00.



Acme Spray Soap

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

Its use with Nicotine greatly increases the value of that spray. Prices: 1 lb., 35c; 5 lbs., \$1.25.



Black Leaf "40"—A concentrated solution of nicotine sulphate for combating aphids or plant lice. 1 oz. bottle, 35c; ½ lb. can, \$1.25; 2 lb. can, \$3.25; 10 lb. can, \$11.85.

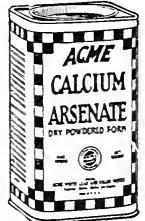
Tobacco Dust—Effective against cabbage fly and worms. Lb., 10c; 100 lbs., \$7.50.

Dry Milled Sulphur—Used as a fungicide, also for blight or mildew on roses. Lb., 10c; 100 lbs., \$5.00.

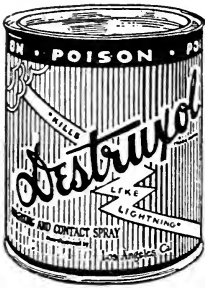
Slug Shot, Hammond's—Guaranteed to destroy potato bugs and those in tomato and egg plants, currant worms, cabbage lice and worms. 1 lb., 15c; 5 lbs., 60c.

Copper Sulphate (Blue Stone)—Used for making Bordeaux Mixture. Lb., 15c; 100 lbs., \$12.00.

Copperas (Sulphate of Iron)—A splendid neutralizer of alkali in the soil. Use one to two pounds per acre, also fine for lawns. Lb., 6c; 25 lbs., \$1.25; 100 lbs., \$3.50.



DESTRUXOL



This combination spray, containing Nicotine Sulphate and Cyanide, seems to be what we have been after for some time, making it possible through the fumes given off by the Cyanide to reach insect life on the under side of the foliage. Our tests have shown it effective when used at proper temperatures and conditions against common garden pests as aphids, thrip, lice, red spider, leaf roller hoppers, mildew and mealy bug. It is most effective under temperatures of 70 degrees and above, the warmer the weather the better, as the fuming action is

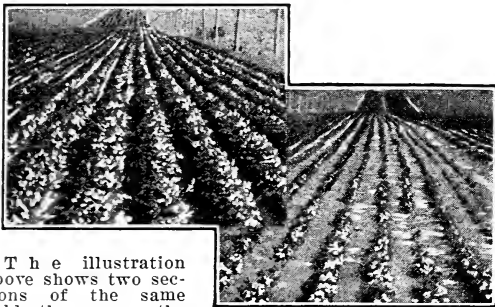
greater under higher temperature. Our tests of this product would indicate, there is little chance of burning or checking growth even though used at double strength. Use one large teaspoonful of Destruxol to one gallon of water.

1 oz. makes 5 gallons spray.....	\$.40
2 oz. makes 10 gallons spray.....	.65
1/4 pt. makes 25 gallons spray.....	.90
1/2 pt. makes 50 gallons spray.....	1.65
1 pt. makes 100 gallons spray.....	2.50
1 qt. makes 200 gallons spray.....	4.25

Must be sent via express.

SEMESAN

Choose Your Field!



The illustration above shows two sections of the same field, the one on the left was planted with Semesan-treated parsley seed. Notice the difference in yield as compared with the untreated section on the right.

Recommended by Government experts, agricultural schools, county agents and large growers in every section of the country. The only organic mercury fungicide that can be used in liquid or convenient dust form.

PRICES

SEMESAN

2 oz., 50c; 8 oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50; 50 lbs., \$122.50; 100 lbs., \$240.00.

SEMESAN JR.

For Treating Seed Corn

4 oz.	\$.60
1 lb.	1.75
5 lbs.	8.00
25 lbs.	37.50
50 lbs.	72.50
100 lbs.	140.00

SEMESAN BEL

For Seed Potatoes and Bulbs

1 lb.	\$ 1.75
5 lbs.	8.00
25 lbs.	37.50
50 lbs.	72.50
100 lbs.	140.00



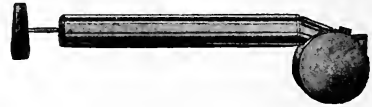
Ask for Pamphlet

CERESAN

For Treating all Small Grain

8 oz.	\$.50
1 lb. ....	.75
5 lbs.	3.00
25 lbs.	12.50

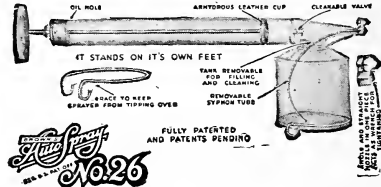
Spray Pumps



We carry in stock two styles of Hand Sprayers. No. 2 and No. 4. They are made of good grade material, and will give good service.

Pt. No. 2 Hand Sprayer (not postpaid).....35c
 Qt. No. 4 Hand Sprayer (not postpaid).....50c

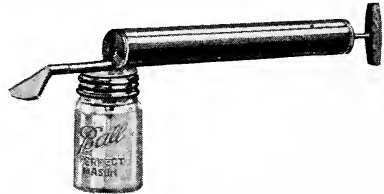
It Sprays Continuously



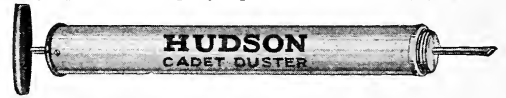
The Continuous Sprayer has a feature which will give you a continuous spray as long as there is any air left in the tank, and for this reason is used a great deal, as it is not fatiguing to operate same.

Continuous Sprayer (not postpaid).....\$1.25

LOWELL POWDER GUN



Lowell Powder Gun—This sprayer is easy of operation. Fill reservoir with dry powder, such as Hammonds Slug Shot, Bug Death, Paris Green, Hellebore, Powdered Arsenate of Lead, etc. Size of spray, regulated by operation of plunger. Elbow reversible, enabling operator to spray up or down. Price, \$1.00.



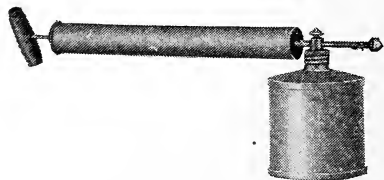
A strong constructed, very efficient duster for the home gardener. Dusts any kind of powder. Weight 1 lb., each 50c.

DUSTER BROWN No. 2

A very practical, inexpensive duster of new design. It is of simple construction, single acting. USES—For spraying dust on small garden plots, rose bushes or in any place where dust is to be applied in small quantities. It is especially adaptable for use in applying insect powders. Shipping weight 2 lbs.

1 Pint size75c

THE G-V CONTINUOUS SPRAYER



The G-V Continuous Variable All-in-One Sprayer is the only sprayer on the market that can be used as a fire maker, pipe thawer, flame sterilizer and oil generator besides being a perfect sprayer for insecticides, disinfectants, lubricating oil, paints and lacquers.

G-V No. 1, Tin—Shipping weight 2 lbs.....\$1.50
 G-V No. 2, Brass—Shipping weight 2 lbs..... 2.50

SPRAY PUMPS VERMOREL ORANGE DUSTER



Annoyance and loss of time due to choking is entirely eliminated thru correct agitation insured by the brush agitator.

Single Action, Bellows Type.

Very light and compact in construction. Weight eleven pounds; capacity six quarts—nine to fifteen pounds of material.

Price\$15.00

VERMOREL DOUBLE ACTION DUSTER

For applying sulphur, arsenate of lead, calcium arsenate, Bordeaux Mixture, nicotine dust, etc., either of these models will give excellent results.

Double action. Differs from Orange Duster principally in the fact that it functions both on up and down strokes, thus giving forth a semi-continuous flow.

Price\$20.00

VERMOREL ECLAIR No. 1 KNAPSACK SPRAYER

Has no plunger nor complicated mechanism. Its simple diaphragm pump eliminates the usual pump troubles. Pressure can easily be maintained at 40 pounds.

In reliability efficiency the Eclair No. 1 has no equal. Its ease of operation makes spraying a real pleasure.

Furnished in either brass or copper.

Price\$20.00



BROWN AUTO SPRAY



Has a tank made of heavy non-corrosive sheet brass or galvanized steel, air pump and syphon tube of seamless brass tubing; pump handle of sturdy malleable iron. The air pump located inside solution tank is made absolutely airtight by a locking device of collar and locking nut of brass. Capacity of tank 3½ gallons. Shipping weight 12 pounds.

No. 9B—Brass tank..\$9.00

No. 9D—Galvanized tank 6.50

No. 50D—Galvanized, 2 gal. 4.50

Shipping Weight 7 lbs.

HUDSON PERFECTION SPRAYER

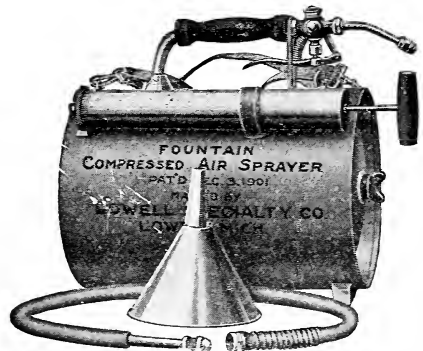


Has a tank made like a steam boiler. The all-riveted seams give the necessary strength for developing a high pressure, which is absolutely essential for good results. This all-brass pump is placed inside the tank and is easily removed.

For work of any kind requiring a high pressure compressed air sprayer the Perfection is supreme. It can be used around the house and yard, in the barnyards and outhouses, on truck farms, in vineyards, potato, onion and melon fields, and in all sizes of orchards. Shipping weight, 12 pounds.

No. 140G—Galvanized Tank, 1½ Gal.....\$4.50
No. 140B—Brass Tank, 1½ Gal..... 6.50
No. 110G—Galvanized Tank, 3½ Gal..... 6.50
No. 110B—Brass Tank, 3½ Gal..... 9.00

LOWELL COMPRESSED SPRAYER



The Lowell Fountain Compressed Air Sprayer is well adapted for the fruit grove, farmer, stockman, poultryman, florist, and for use of general disinfectants. It is the strongest small tank sprayer ever made, being constructed of heavy sheet brass or galvanized steel.

No. 111 Brass, 3 gallon.....\$8.75
No. 110 Galvanized, 3 gallon..... 6.50

Shipping weight 12 lbs.

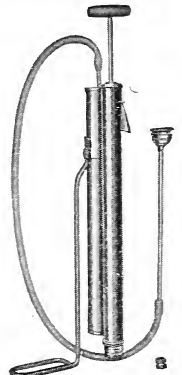
LOWELL BABY FOUNTAIN COMPRESSED AIR SPRAYER

Capacity of tank, one gallon

No. 120\$4.50

BROWN BUCKET PUMP

A medium priced bucket pump, capable of doing all the spraying for the average poultryman and farmer. Made of good material and with proper care will give long service. \$2.75 not postpaid.



ANGLE FOG NOZZLE



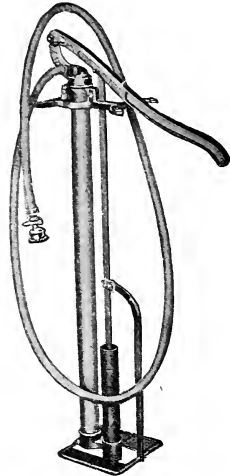
This nozzle is especially recommended for spraying the underside of the leaves of vine crops. Each, 75c.

HUDSON BUCKET PUMP



The best all-around Bucket Pump on the market. Made of good heavy material, and will last a life-time. It is the best all-around pump for the average poultryman\$5.00

Shipping weight 7 lbs.



BROWN BARREL SPRAY PUMP

Brown's Auto-Spray No. 4—Because of its special design this pump is light in weight and consequently it is comparatively inexpensive. However, it is durable and sturdy in construction. Auto-Spray No. 4 accommodates one lead of hose although it can be used with an attachment for using two nozzles in a cluster. The long air chamber stores up reserve pressure so that nozzle throws a long continuous spray. Agitator is automatic in operation and functions as long as the pump is being operated.

Pump cylinder 1½ inches in diameter. Valves at bottom of pump are of brass and are in a brass casting. Plunger head brass. Casting on top of pump and air chamber of iron. Packing is a graphite composition. Shipping weight 25 lbs. Price \$12.00.



HUDSON BARREL SPRAY PUMP

In our No. 4, we have developed a pump that will meet every requirement of a perpendicular Barrel Pump. It is powerful, light and durable and will develop better than 250 pounds pressure with ease. Can be used with either one or two lines of hose.

No. 4A—Outfit consists of No. 4 Pump, 12½ feet ½ inch Sprayer Hose and Fog Nozzle\$14.00

GARDEN TOOLS

FOUR TINE SPADING FORKS



Old X—Spading Fork. Four tempered steel tines. Strap ferrule. Iron D handle. \$1.25 each, shipping weight 5 pounds.

Old S. P.—Spading Fork. Similar construction as Old X a little lighter built. \$1.00 each, shipping weight, 5 pounds.

Jumbo—Spading Fork. Four tempered steel tines. Iron D. Handle Strap Ferrule. One of the best built forks on the market. Shipping weight, 6 pounds; \$2.25 each.

STEEL GARDEN HOES



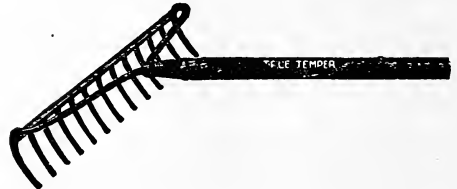
R7—Shank Pattern. Standard Quality. Strong and Durable. Tempered 7-inch Steel Blade, 4 1-3-foot hardwood handle. 65c each; shipping weight 3½ pounds.

SMO 8—Solid Socket Steel Garden Hoe. Tempered 8-inch steel blade, one-piece steel socket. Selected 4 1-3-foot hardwood handle. \$1.00 each; shipping weight, 3½ pounds.

No. 2P—Weeding Hoe. Sheet steel blades, iron shanks. 3-inch blade. Two prongs, 4½-foot handle. 60c each; shipping weight, 2½ pounds.

No. 1P—Weeding Hoe. Sheet steel blade. Iron shank. 3-inch blade, one prong, 4½-foot handle. Weight 2½ pounds; 60c each.

STEEL GARDEN RAKES



SB14—Steel Garden Rake. 12 spring tempered teeth. Hardwood handle. 65c each; weight 2½ pounds.

B14—Solid bow steel rake. 14 curved teeth spring tempered. 5½-foot hardwood handle. \$1.00 each; shipping weight 3½ pounds.

MOE'S GARDEN TROWELS

No. 80 Garden Trowel. One-piece pressed steel. Handsomely finished in black baked enamel. Length of blade 6 inches. Ground and polished points. Each, 20c; shipping weight 8 ounces.



MOE'S TRANSPLANTING TROWELS

No. 81—Transplanting Trowel. One-piece pressed steel. Handsomely finished in black and baked enamel. Length of blade 6 inches. Width 1¾ inches. Ground and polished points. Each, 20c; shipping weight 7 ounces.



MOE'S GARDEN WEEDER

No. 82—Garden Weeder. One-piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made. Ground and polished points. Each, 20c; shipping weight, 7 ounces.



LONG HANDLE SHOVEL



No. KL02—Knox-All No. 1 Northern Ash handles. Blades 9½x11¼ inches, weight 5 pounds each. \$1.40 each; shipping weight 6 pounds.

SPRINKLING CANS

Made of heavy galvanized iron

6 quart, shipping weight 2 ½ lbs.....	\$0.80
8 quart, shipping weight, 2½ lbs.....	.95
10 quart, shipping weight 3¼ lbs.....	1.10
12 quart, shipping weight 4 lbs.....	1.25

RUBBER GARDEN HOSE



50 ft. 1/2 inch Comcl. 4-ply, weight 9 lbs. \$4.00
 50 ft. 1/2 inch Leader 5-ply, weight 11 lbs. 4.25

MOLDED RUBBER GARDEN HOSE—SEAMLESS NON-KINKABLE—DURABLE

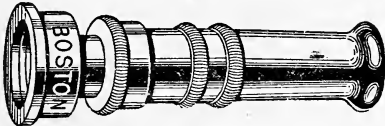
Made with two seamless double braided jackets over a tube of high grade rubber incased in a heavy moulded rubber outside cover. We recommend this hose for long service.

50 ft. 1/2 inch Molded, 12 lbs. \$4.50
 50 ft. 3/4 inch Molded, 13 lbs. 5.00
 50 ft. 1 inch Molded, 17 lbs. 5.50
 Add 25c for couplings if wanted in 25 ft. lengths.
 Clincher Hose repair, weight 2 ounces. \$0.10
 Clincher Hose coupling, weight 4 ounces. .25

RUBBER HOSE WASHERS

Made of good grade rubber, will fit 1/2 and 3/4 inch hose. 10c per dozen; weight 2 ounces.

HOSE NOZZLES



HOSE NOZZLE—Boston Pattern Brass Hose Nozzle. 75c each; shipping weight 10 ounces.
PEORIA—Same pattern as Boston but lighter construction. Shipping weight 8 ounces. 65c each.

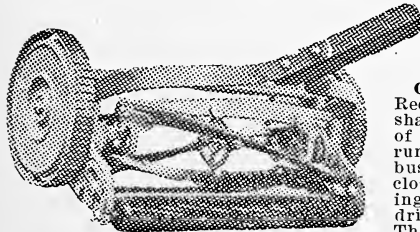
GARDEN SPRINKLERS

RING Sprinkler—Made entirely of brass and distributes water evenly over a large area. 85c each. Shipping wt. 2 pounds.



CRESCENT SPRINKLER—Same type as ring sprinkler, only Half Moon in shape. Each 85c
REVOLVING SPRINKLER—11 inches in height with two 6 1/2 inch revolving arms. Each \$1.50
RAIN KING—Can be used as a revolving or stationary sprinkler with adjustable tip to throw a misty or solid stream of water. Each \$3.50
PASADENA—Screws on end of hose, has a six inch spike so that it can be set in any position. Throws a fan shaped stream of water. Each 25c

LAWN MOWERS

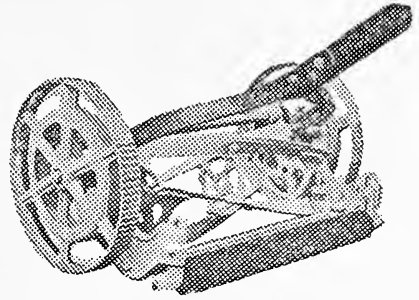


CADET—Reel knife shaft is made of steel and runs in bronze bushings. Enclosed gearings. 8-inch driving wheel. Three crucible

steel blades. Hardwood handle and roller.
 14 inch, shipping weight, 35 lbs. \$7.50
 16 inch, shipping weight, 37 lbs. 8.00

COLONIAL LAWN MOWER—A first class ball bearing machine which can be purchased at a price within reach of all. 8-inch driving wheels. 4-blade revolving cutter insuring fineness and evenness of cut, adjustable bearings.

14 inch, weight, 38 lbs. \$10.00
 16 inch, weight, 40 lbs. 10.50



GREAT SOUTHERN LAWN MOWER—Open side frame and drive wheels reduce the weight, making it a light and easy mower to handle. Height of wheels 10 inches. Large open four blades revolving cutter. Coldwell's patented adjustable ball bearings.

14 inch, weight, 45 lbs. \$12.50
 16 inch, weight, 48 lbs. 13.50

AMAZON LAWN MOWER—A strictly high-grade ball bearing Lawn Mower. Large driving wheels and fine cut gears insure ease and quietness of running. Large diameter revolving cutter with five blades, patented adjustable ball bearing.

14 inch, weight, 45 lbs. \$13.50
 16 inch, weight, 48 lbs. 14.50

GREAT STATE SENIOR—A precision built lawn mower. Height of wheels 10 1/4 inches. Four blade cutting reel with special frame construction and extra rear tie bar, self-adjusting ball bearing, self sharpening. A lawn mower of unequalled value.

14 inch, weight 45 lbs. \$11.50
 16 inch, weight 48 lbs. 12.25

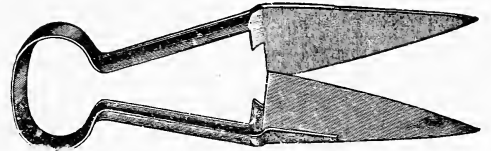
GREAT STATE JUNIOR—Built on the same principle as the GREAT STATE SENIOR but on a smaller scale. Height of wheels 8 inches. Four blade reel, self-adjusting ball bearing.

14 inch, weight 38 lbs. \$10.50
 16 inch, weight 40 lbs. 11.00

ADJUSTABLE GRASS CATCHER

Designed to fit any size or style of mower and can be attached or detached in a moment. Made of strong canvas and galvanized iron bottom. To fit any mower, 12 to 18 inches. \$1.00 each.

GRASS SHEARS



Hand forged from cutlery steel. Blades 6 inches long, ground and set and full polish.
 Plain Hand Forged, weight 12 ounces. \$.35
 Polished Hand Forged, weight 12 ounces. .50
 Keen Klip Grass Shears, weight 1 pound. 1.00
 Doo Klip Grass Shears, weight 1 pound. 1.25

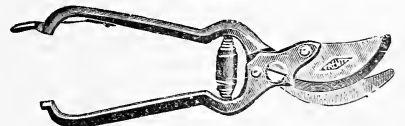
HEDGE SHEARS



Blades hand forged crucible steel, notched, off-set shank. Tangs bolted clear through the wooden handles.

6 inch, Plain handle, weight 4 pounds. \$1.00
 6 inch, Polished handle, weight 4 pounds. 1.50
 8 inch, Plain handle, weight 5 pounds. 1.50
 8 inch, Polished handle, weight 5 pounds. 2.00

PRUNING SHEARS



California pattern. Length 9 in. tempered tool steel blade. Volute spring. Adjustable ratchet nut. Black japanned handles. No. 313. Price each, \$1.00. Weight 1 pound.

PRUNING SAW

PRUNING SAW—The ideal saw for pruning, having a 15-inch curved blade. \$1.25 each.

CYCLONE SEED SOWER



A machine of very simple construction. This seeder will sow any seed that is sown broadcast, such as Oats, Wheat, Rye, Millet, Clovers, Grass Seeds, etc. It can be very easily adjusted to suit the seed being sown. We sell a world of them every year and our customers say they give good satisfaction. **\$2.25 each;** customers paying transportation charges. Mailing weight, 6 pounds.

MASTER RAPID PLANT SETTER

Makes transplanting a pleasure instead of a labor. Will set, water and cover in one operation, such plants as Cabbage, Cauliflower, Celery, Pepper, Tomato, Sweet Potatoes and Strawberries. One man can set 10,000 plants daily. You work in an upright position all the time; no stooping and no lame backs. Each, **\$6.00.** Shipping weight 7 pounds.



HUDSON GARDEN PLOW



A counterbalance plow, with a 24-inch high wheel made of the very best material and most careful workmanship. This is a good strong, durable tool and can be used in the largest gardens. Is very popular and the best of its kind. Shipped with tools as shown. Weight 28 pounds.

No. 242, each **\$4.00**

*RED SEAL RAT DEATH



Red Seal Rat Death is not new or an experiment but has been successfully used in all work done by the International Exterminator Company who for 21 years have specialized in ridding institutions and large buildings of these pests. However, this is the first time it has been offered for sale to the home consumer and is filling a long felt want. It not only kills rats and mice but embalms and dries them up, thus leaving no odor. 2 oz. can, 50c; 8 oz. can, **\$1.50.**

POLYCHROMED FLOWER POTS

These flower pots are processed in different colors of paints, giving each pot a different design and shade, making a very attractive display and showing off potted plants to a great advantage.

FLOWER POTS		POT SAUCERS	
2 in.	4c	4 in.	6c
3 in.	5c	6 in.	8c
4 in.	9c	8 in.	15c
5 in.	10c	10 in.	25c
6 in.	15c	FERN POTS	
8 in.	25c	6 in.	15c
10 in.	50c	8 in.	20c
		10 in.	35c

FLOWER POTS

We pack as carefully as possible but they are shipped at purchaser's risk of breakage. Shipping charges not prepaid. Add 10% to these prices for packing charges.

Each		Each	
2-inch	\$0.03	9-inch .....	.35
3-inch .....	.03	10-inch .....	.40
4-inch .....	.05	12-inch .....	.75
5-inch .....	.06	14-inch	1.15
6-inch .....	.10	16-inch	1.50
8-inch .....	.20		

POT SAUCERS

Each	
4-inch	\$.04
6-inch .....	.05
8-inch .....	.10
10-inch .....	.15
12-inch .....	.20
14-inch .....	.35
16-inch .....	.40



FERN OR BEGONIA POTS

They are not so deep as the regular flower pots and are used a great deal for growing ferns and Begonias in; also asparagus plants, etc.

Each		Each	
6-inch	\$0.10	12-inch .....	.40
8-inch .....	.15	14-inch .....	.55
10-inch .....	.25	16-inch .....	.75

STONE JARS WITH LIDS

Splendid for preserving or pickling meats, kraut and cucumbers, etc.:

Each		Each	
1 gallon size	\$0.35	6 gallon size	1.55
2 gallon size .....	.55	8 gallon size	2.00
3 gallon size .....	.80	10 gallon size	2.25
5-gallon size	1.35		

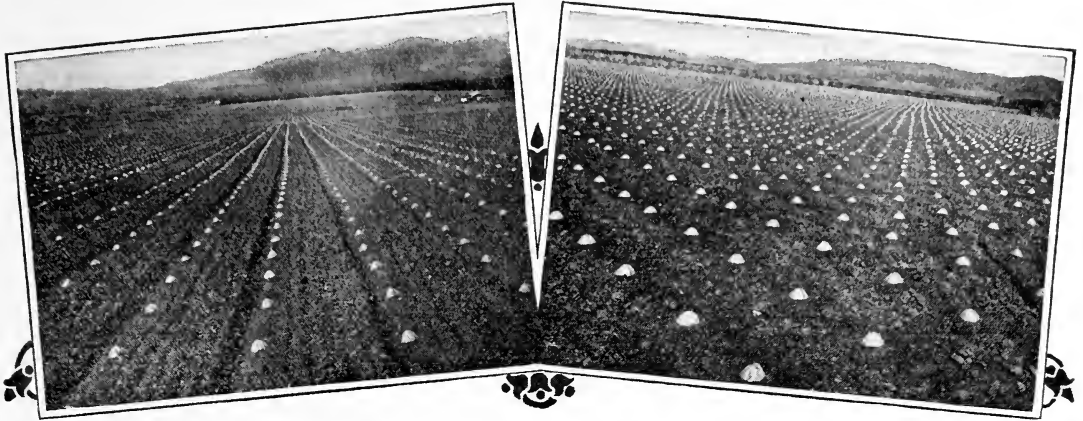
STONEWARE FOR RABBITS & POULTRY

Each	
1 gallon Water Jug	\$0.25
2 gallon 2-Piece Fount .....	.80
1 gallon 2-Piece Buttermilk Fount.....	.90
Round Open Crock for Rabbits .....	.15
Round Crock with Lip for Rabbits.....	.20

NOTE: Florists and Nurserymen write us for quantity prices on flower pots, we will quote you special price on lots of 100 or 1000. Shipment made direct from pottery.

SPAGNUM MOSS

Spagnum Moss—Used for hanging baskets or packing plants or bulbs for shipping purposes. **Lb., 30c.**



Germāco Hotkaps

**INDIVIDUAL
HOT-HOUSES
FOR EVERY PLANT**

"Hotkaps" Furnish Each Young Plant With Complete Protection From Wind, Rain, Frost and Insects. Now Have Hardier Crops That MATURE EARLIER.

Ask us about the interesting new invention, "Hotkaps."

They are individual hothouses for each plant, economically priced, to insure against the crop hazards of frost, rain, wind and insects. They are made of strong, durable, especially prepared waxed paper, light in weight, easy to use, easily ventilated.

"Hotkaps" bring crops to earlier maturity. Many write us that they have been first to market by from one to three weeks, and as a result have been able to get higher prices.

Farmers quickly appreciate them. Once you've tried them, you'll always use them. They afford the best crop insurance, and bring you more profit.

"Hotkaps" are packed 1,000 to the roll.

Prices: Packed 250 Hotkaps in case with garden setter, \$4.00; packed 100 in case with garden setter, \$2.00; 1,000, \$10.00; 5,000, at \$9.75 per 1,000; 10,000 at \$9.50 per 1,000. "Hotkap" Setters, each \$2.50. Postage extra.

Prices on smaller quantities—100, \$1.50, postpaid.

Makes
Chicks
Grow
Faster—
Lay
Earlier

FLEX-O-GLASS

PAT. PENDING

**Gives CHICKS
actual sunshine
Indoors**

TRADE MARK REG.

**Grows PLANTS
Quicker
and Stronger**



© 1926 F.M.Co.

Better
Than
Glass
for
Hot
Beds

Admits ULTRA-VIOLET Rays

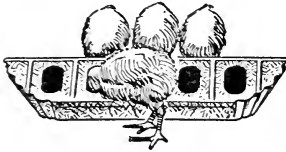
Build a FLEX-O-GLASS scratch shed or brooderhouse front easily. In it every chick will stay healthy, scratch and exercise, be full of pep, free from rickets, and they will grow like weeds, because FLEX-O-GLASS admits energizing, health-producing Ultra-Violet sun's rays (glass stops them). Science has proved that FLEX-O-GLASS also brings amazing winter egg yield and fertile hatching eggs. Using 15 yards for 300 chicks, or for 100 hens. For replacing or repairing glass windows, enclosing porches and storm doors. Brightens any room. Also used on curtain rollers to scatter healthful sunshine to every corner of room.

Ultra-Violet and Infra-Red (Heat) Rays which pass thru FLEX-O-GLASS makes plants grow much faster than when under glass. Have stronger plants for transplanting. Have earlier plants to sell. Fifteen yards of FLEX-O-GLASS covers a hot bed of 135 sq. ft. Frames are lighter, much cheaper, better, and easier to handle than glass frames.

This newly discovered product is made on a strong cloth base, especially processed to make it weather-proof and beneficial for health. Just cut with shears and nail on. Lies flat. Stays bright. Lasts many seasons. Exceptionally durable. Can be patched.

1 Yard, 35c; 10 Yards, \$2.90; 25 Yards, \$7.25.

Poultry Supplies



*OAKES' CHICK FEED TROUGHS

These troughs are ideal for feeding chick starter to baby chicks. Trough is stamped out

of one piece of heavy galvanized steel, without seams. Very easy to keep clean. The grate is a separate piece and slides on and off easily. Prevents waste of feed. Made of galvanized steel for dry feed and heavy charcoal tin for feeding milk.

MASH FEEDER

- *No. H71 (Galvanized) 10-inch, each.....25c
- *No. H72 (Galvanized) 20-inch, each.....40c
- *No. G71A (Tin) 10-inch, each.....30c
- *No. G72A (Tin) 20-inch, each.....50c

*OAKES' NEW CHICK TROUGH



A new inexpensive chick trough. Made of galvanized iron with galvanized cross wire welded on. Ends are soldered on so that trough can be used for either feed or water. Easy to fill and clean. Cross wire prevents chicks from getting into trough or soiling feed.

- *No. H51 20-inch, each25c
- *No. H-51A 24-inch, each.....30c

*HUDSON DOUBLE FEEDING TROUGH



Made of best quality galvanized iron, accurately stamped with dies. No sharp or rough edges to injure the chicks. Made in three sizes.

- No. 58—Length 12 inches, weight 1¼ lbs., each.....40c
- No. 59—Length 18 inches, weight 1½ lbs., each.....55c
- No. 60—Length 24 inches, weight 2 lbs., each.....65c

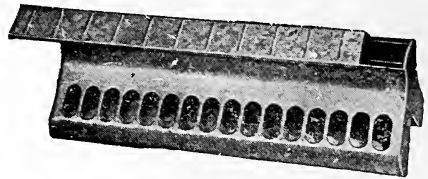
HUDSON ROUND CHICK FEEDER



A great feed saver and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning.

- No. 11. Diam. 6 inches, with 8 holes, each.....12c
- No. 11E. Enameled. 6 inches, with 8 holes, each.....20c
Shipping Weight 1 Pound
- No. 12. Diam. 8¼ inches, with 12 holes, each.....25c
- No. 12E. Enameled. 12 inches, with 12 holes, each.....40c
Shipping Weight 1 Pound

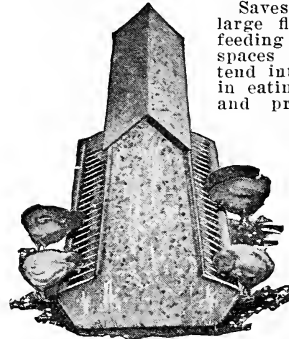
*OAKES INEXPENSIVE CHICK FEEDER



This feeder is made in three sizes, 21 inches, 35 inches and 42 inches in length. Sloping top prevents roosting and slides off for filling or cleaning. V-shaped bottom throws feed toward the outside and prevents clogging. 21-inch size has 32 feeding spaces. 35-inch size has 50 feeding spaces. 42 inch size has 68 feeding spaces.

- *H-36—(21 inches) Weight 4 lbs, each, postpaid\$1.20*
- *H-37—(35 inches) Weight 8 lbs., each, postpaid 1.80*
- *H-375—(42 inches) Weight 10 lbs., each, postpaid 2.25*

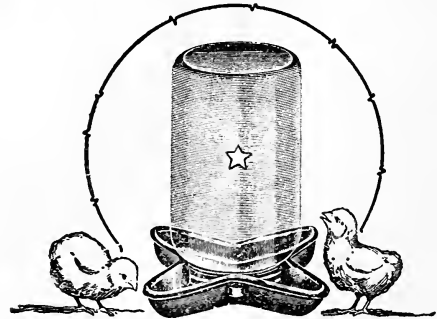
*OAKES' CAPACITY CHICK FEEDER



Saves time, labor and feed for large flocks of chicks. Double feeding space with 25 feeding spaces on each side; wires extend into hopper so that chicks in eating shake down the mash and prevent clogging; hinged lid on top; capacity, 45 pounds of mash. Length, 30 inches, height 12 inches, width at bottom, 11 inches.

- No. *H-800, as shown above, each, postpaid\$4.20*
- No. *H-848, 48-inch size, capacity 75 pounds, postpaid \$6.00*

STAR FOUNTAIN AND FEEDER



Made of a single piece of heavy metal. No solder, no seams, no loose parts, chicks can not drown. Fits any Mason Jar in 1 pint, 1 quart, and 2 quart sizes. No. 32—(Glass jar not included); shipping weight, 6 ounces. Each\$0.10
No. 132 Star Buttermilk Feeder—Each.....\$0.12

*OAKES' BOTTOM FILLED FOUNTAIN



Consists of a cone-shaped can and a stamped pan, which forms trough from which fowls drink. Both parts made of galvanized sheet steel and well soldered.

- *No. H-78—1 qt. Each\$0.30
- *No. H-79—2 qts. Each..... .45
- *No. H-80—3 qts. Each60
- *No. H-45—1 gallon. Each..... .75



OAKES' JAR FOUNTAINS

Made from 2 materials, extra heavy galvanized iron, charcoal tin. No solder used; very substantial pan with heavy rolled edge; electric welded center; can be used for chick feed as well as water. Charcoal Tin Fountain is designed for dispensing buttermilk and sour milk especially. We do not furnish the glass jars.

- *No. H69—Galvanized; shipping weight, 8 oz.
Each\$0.10 Dozen.....\$1.00
- *No. H69A—Charcoal Tin; shipping weight, 7 oz.
Each\$0.12 Dozen..... 1.32

***OAKES' AUTOMATIC FOUNTAIN AND FEEDER**

A sanitary, automatic device for water, grain, grit, etc. Fits half-gallon, quart or pint Mason jar. Pan is hinged to wire so it is not necessary to remove can in order to refill it.



- *No. H68. Each10c

***OAKES INEXPENSIVE GALLON FOUNT**



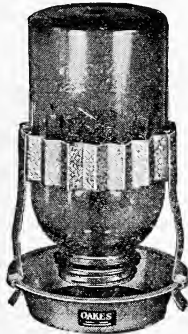
Made from heavy galvanized iron in two pieces. Top made with handle for carrying. Base pulls off to fill. Pressure of air and grooves in pan hold weight of water and fountain may be carried by handle without fear of spilling.

- *No. H100—1 gallon; shipping weight, 4 lbs. Each....50c
- *No. H100A—with wire coil....60c

***OAKES' BUTTERMILK FEEDER**

A perfect Feeder for sour milk, buttermilk, water, hard grain or grit. The container is made of aluminum, the only metal in which sour milk can be fed with safety. It is rust-proof and non-corroding. The Handy is adjustable, simple to operate and durable. Shipping weight, 1 lb.

- Each\$0.40
- *G70A—Holds 1 qt. jar.
- *G70B—Holds 1/2 gallon jar.
(Glass jar not included)

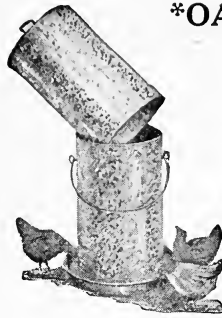


***LARGE ROUND BUTTERMILK FEEDER**



It is 12 inches in diameter and 1 3/8 inches deep. Holds three pints of liquid feed. Made from heavy dairy tin; rustproof; has twenty-two feeding holes making 36 inches of feeding space. Chicks can not waste the feed or get in it and get wet or contaminate the feed or liquid.

- Top is cone shape to prevent chicks from getting on it. Easy to take apart for cleaning.
- *No. H-82, each, postpaid\$0.75



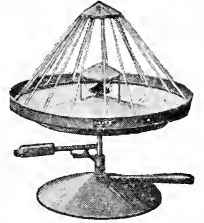
***OAKES' "CAPACITY" FOUNTAIN**

Keeps a plentiful supply of clean, fresh drinking water always available. Drinking space all around can; fountain filled from top; bail for carrying. Used with stand for growing fowls, or can be used without stand for baby chicks. Can also be equipped with heater for winter service.

- *No. H-5—5 gallon fountain, postpaid\$3.75

***OAKES' NEVER DRY WATERER**

Automatically controlled flow of water. Easily attached to hose or water pipe. Will take care of large or small flock. Nothing to get out of order. Fowls can not scratch dirt or litter into it, nor get into the water, or roost on this device.



- *No. H-35—Each, postpaid....\$4.90

***NEVER DRY CHICK WATERER**



Connects with city water pressure or storage tank or barrels, providing a continuous supply of fresh water at all times. Float valve regulates flow. Perforated cover protects water and provides plenty of drinking space.

- *No. H-21, Weight 4 lbs., each, postpaid.....\$1.95

HAWES' AUTOMATIC WATER VALVE

THESE SIMPLE VALVES SOLVE THE WATERING PROBLEM



-for watering poultry and small stock

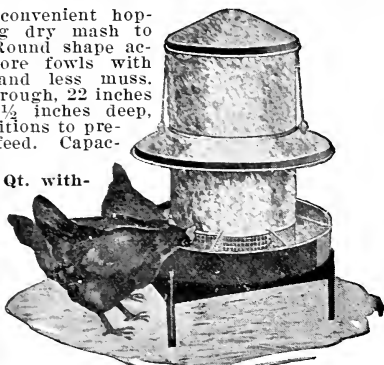
At last, a trouble-proof water valve that works automatically! It is so simple in design, so perfect in operation you will marvel you did not think of it yourself. Easy to attach—nothing to get out of order. A hollow metal float rests on the surface of the water, and as level rises and falls, valve automatically closes and opens. This insures a constant supply of pure, clean drinking water—a vital factor in successful poultry and small stock raising.

- Simplicity. Each\$1.00
- Combination with individual shut-off. Each..... 1.25

*OAKES' MAMMOTH ROUND FEED HOPPER

A compact, convenient hopper for feeding dry mash to large flocks. Round shape accommodates more fowls with less fighting and less muss. Seamless steel trough, 22 inches in diameter, 3 1/4 inches deep, divided by partitions to prevent waste of feed. Capacity 100 pounds.

- *No. H-10, 65 Qt. with-
out stand \$7.50
- *No. H-11, 65
Qt. with stand
as shown \$8.25
- *No. H-511, 36
quart without
stand.....\$3.50
- *No. H-510, 36
Quart with
stand\$4.00



*OAKES' BEST-YET SELF-FEEDER

Saves poultryman's time, labor and feed. Strong and durable. Made of heavy galvanized steel. Fowls feed from either side, thus doubling feeding space. Length 36 inches, capacity 100 lbs. Stand elevates feeder 16 inches from floor. Has adjustable grate, which feeds any mash uniformly. Provided with hinged lid over both hopper and trough.



- making it rat, mouse and dirt proof. Great feed saver.
- *No. H-55, with stand as shown above, each.....\$10.75
- *No. H-56, same, without stand, each..... 7.75

*OAKES' FEEDER FOR LARGE FLOCKS



The 8-foot trough has a capacity of 2 bushels, the 4-foot holds 1 bushel.

- *No. H-1A, without lid, 96-inch.....\$4.80
- *No. H-4A, without lid, 48-inch..... 2.60

*OAKES' GROWING CHICK FEEDER

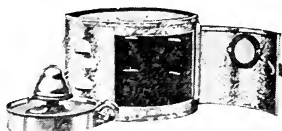
This new feeder is decidedly popular in all parts of the country for feeding dry mash and all kinds of ground feed to growing chicks and mature fowls. Fills from the top. Feed flange can be raised or lowered to feed either fine or coarse feed. Feed cannot be thrown out and wasted. Cannot clog, as all feed is forced out under the openings by the V-shaped bottom. Chicks feed from both sides. Lid is hinged. Tippler prevents roosting on top.

NOTE THESE LOW PRICES

- *No. H-29, length 35 inches, 32 qts., wt. 17 lbs.....\$3.00
- *No. H-30, length 42 inches, 42 qts. wt. 22 lbs..... 4.25

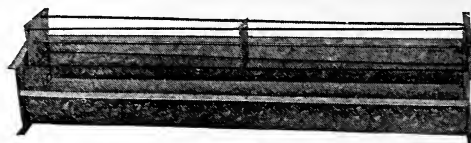
*OAKES' "O. K." FOUNTAIN HEATER

Suitable for any kind of drinking fountain and for any size up to four gallons. Insures warm drinking water at all times. Heater of galvanized iron with chimneyless kerosene burner — stands firmly, and fowls cannot overturn it.



- *No. H-44\$1.75

*OAKES' NEW FEED TROUGH FOR LARGE FLOCKS



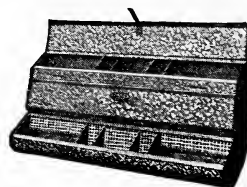
This feeder has a revolving reel of galvanized strips to prevent hens from getting into trough and scratching feed out. Easy to clean. Four foot length holds one bushel of dry mash. Eight foot length holds two bushels.

- *No. H-26, 48-inch, each\$3.00
- *No. H-27, 96-inch, each 5.00

*OAKES' IMPROVED HANDY HOPPER

Hinged lid keeps out rats, mice and dirt. Swinging front, adjustable to any kind of dry mash, eliminates clogging. Hopper 15 inches high, 4 1/2 inches wide and made in four lengths.

- *No. H-12, length 12 inches\$1.75
- *No. H-13, length 18 inches 2.25
- *No. H-14, length 24 inches 2.75
- *No. H-15, five compartments, length 36 inches 3.90



*OAKES' FEEDER FOR GROWING CHICKS



Made of steel, four feet in length, capacity about 12 quarts. Wires 2 inches apart prevent fowls getting into trough.

- *No. H-6A, without lid\$1.75



Just Paint it on the Roosts!

—Before the chickens perch. Only a small paint brush and a can of "Black Leaf 40" are needed. While chickens roost, fumes are slowly released and penetrate the feathers; killing lice. Eliminates individual handling of birds. Ask your dealer or write us.

Tobacco By-Products & Chemical Corp., Inc., Louisville, Ky

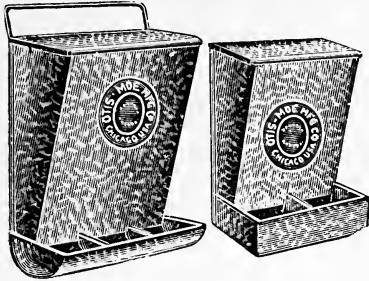
"Black Leaf 40"

Kills Poultry Lice

PACKING AND PRICES

- 1-oz bottle\$0.35
- Covers 12 to 15 running feet of roost.
- 1/2-lb. bottle 1.25
- Covers 90 to 120 running feet of roost.
- 2-lb. tin 3.25
- Covers 385 to 480 running feet of roost.
- 10-lb. tin11.85
- Covers 1,900 to 2,400 feet of running roost.
- Cannot be mailed.

GRIT AND SHELL BOXES

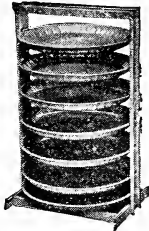


Grit, shell and charcoal have now become a recognized essential part of the diet insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive boxes. Can also be used as a feed hopper for little chicks.

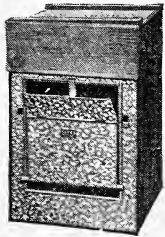
- No. 45—For baby chicks, each, postpaid.....\$0.45
Shipping Weight 1 Pound
- No. 46—For grown birds, each, postpaid.....\$1.10
Shipping Weight 3 pounds

***OAKES' "SUN-LITE" OATS SPROUTER**

Made of galvanized iron, each 18-inch perforated pan or tray can be removed separately. No lamp or fuel required. Put in the oats, moisten a little daily and in three or four days you can feed sprouts. Sections and trays can be purchased to increase capacity as desired.



- *No. H-63, 6-tray, each, post-paid\$6.50



***OAKES' SINGLE FRONT FOR TRAP NEST**

You can use this front to make a trap nest out of any ordinary orange box, small drygoods box, etc. Entirely practical but inexpensive. Opening 9x10½ inches.

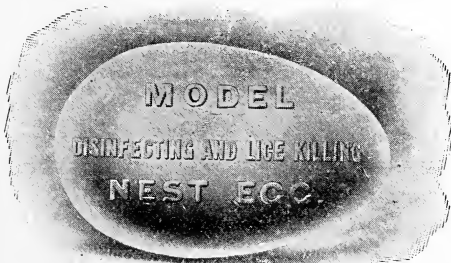
- *No. H-59, each35c

SURE-TRIP TRAP NEST FRONT

The Practical Trap Nest is a profitable addition to every poultry plant, because it weeds out the drones and cuts down the feed bills for the man who wants to keep only those birds that produce. Strongly built of good lumber, as light in weight as consistent with strength and durability—with a trap that works noiselessly and surely. Each, 35c; 100, \$30.00. Weight 1 pound each.



NAPHTHALENE NEST EGGS



This egg is used not in reality as a nest egg, but is put into the nest to remove and kill the lice. If one of these nest eggs is placed in a nest with the nesting material, it will remove all vermin, if put in a corner of the nest under the setting hen, it will keep her free from lice and mites.
Weight 2 pounds, Per Dozen75c

GLASS NEST EGGS

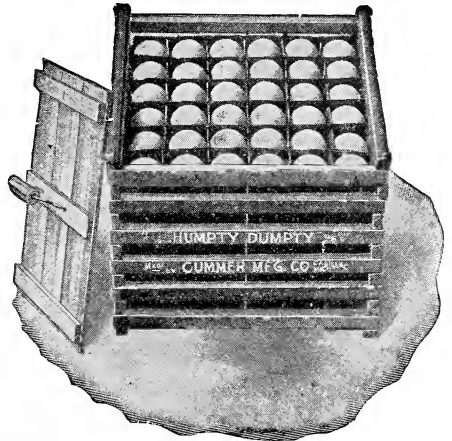
Made of white porcelain, natural in appearance, and uniform in size. Will not easily break. They induce the hen to lay where she should—in the nest.
Weight 1 pound, Per Dozen30c

OAKES' EGG SCALE



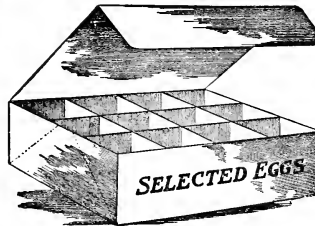
In many localities eggs are now being bought and sold according to weight. Indiana has been using 22 ounces to the dozen eggs; just right for our No. F-53, while No. F-54 will fit any standard. Oakes' Egg Scales are durable (constructed of steel) and simple; no springs—nothing to get out of order.
*No. H-54—Oakes' Graduated Egg Scale, each.....75c

HUMPTY DUMPTY EGG CARRIER



A very light, strong and convenient egg crate and carrier. Made of hard wood slots securely fastened. The lid with handle, springs into position when crate is filled. Collapsible, 12 dozen size. 90c; Parcel Post weight 7 pounds.

YARD EGG BOXES FOR RETAIL TRADE

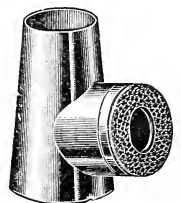


This is an ideal box for the retail egg trade, holding 1 dozen, presenting the goods to the customer in an attractive package with the minimum amount of trouble for the seller. They knock down in very compact shape.

- 3x4 Eagle, weight 12 pounds, per 100.....\$ 1.00
- 3x4 Eagle, weight 105 pounds, per 1,000..... 8.50
- 2x6 Seminole, weight 17 pounds, per 100..... 1.50
- 2x6 Seminole, weight 155 pounds, per 1,000..... 13.00

OAKES' EGG TESTER

Used to test fertility to eggs during first week of incubation. Use on an ordinary lamp. No. 2 burner, in a dark room. It will illuminate interior of egg so that you will know if the chick is alive. Also shows size of aircell. Each, 25c*
Shipping weight, 1 pound



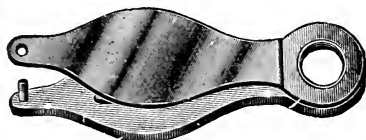
AUTO COOP

Made of best galvanized wire, with every intersection of wire permanently welded by electricity which is the only lasting method of joining steel wire. Safe, convenient and clean to carry poultry to market. Fits on running board of any automobile. Built with two decks. Can also be used as a flat coop as both decks are hinged and form bottom of coop when laid on side. Size 13x26x41. Weight 21 lbs. f. o. b. San Antonio.



Each\$3.75

OAKES' POULTRY PUNCH



A popular and practical punch. Makes a clean perforation and does not bruise the foot.

No. 38—Oakes' Punch, each, 2 oz.\$0.20

MOE'S IDEAL POULTRY PUNCH



A new improved punch. Works easily, cuts clean, and does not pinch the foot. Length 3 1/2 in. Nickel plated.

No. 39—Moe's Ideal Punch. Each\$0.35

*BANDETTES

Bandettes are easily applied single-handed; simply open out Bandette, hook it on leg, and allow it to close around the bird's leg; should not fit tight.

Bandettes are made in 5 colors; Blue, red, yellow, green, pink. Two sizes; No. 9 for Leghorns, and No. 11 for Rocks, Reds, etc.

Bandettes are sold only in unbroken sets of 25 in one color: 1-25, 26-50, 51-75, 76-100, and so on.

* 25	\$.60
* 50	1.10
* 100	2.00
* 500	9.50
1000	18.00



*COLORED LEG BANDS



Made of celluloid, in fast colors. Keep their shape. Light in weight and very durable. Quickly put on or removed. Put up regularly 50 bands of a size and color in a bundle. Colors: White, black, red, pink, green, blue, purple and yellow.

No. 4—For Baby Chicks.....	50 \$0.25*	100 \$0.40*	1000 \$3.50
No. 7—For Bantams .....	.35*	.60*	5.00
No. 8—For Leghorns and Anconas .....	.35*	.69*	5.00
No. 11—For Large American.....	.40*	.75*	6.00
No. 12—For Asiatic Hens.....	.45*	.80*	6.50

*WING BANDS



*Wing Bands—Double clinch open.....Each, 1c; 100, 75c

*ECONOMY POULTRY BANDS



Poultry Sizes. The Standard poultry sizes with two large black numbers from 1 to 100, with black ink on celluloid. Size No. 3 (For Leghorn Hens.) 3c each. Size No. 4 (For Rhode Island Red, Plymouth Rock, and Orpington Females, and Leghorn Males.) One-half inch wide, two and one-half inches long from slot to shoulder. 3c each, 100, \$2.25. Shipping weight 8 oz.

*ALUMINUM PIGEON BANDS

Made of aluminum with stamped numbers. OpenEach, \$0.01 100, \$0.50 ClosedEach, .02 100, 1.75

*MOE'S ALUMINUM LEG BANDS

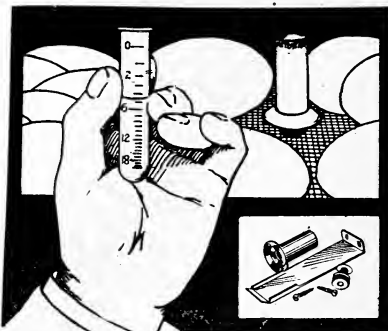


Made of sheet aluminum with large raised numbers, easy to read from a distance. Adjustable for any size fowl. Numbered 1 to 4999, as wanted.

12 bands.....	\$0.15	100 bands.....	\$0.70
25 bands.....	.25	500 bands.....	3.50
50 bands.....	.40	1000 bands.....	6.00

NOTE—We can get you any style leg band you desire and numbered up to 1,000. It will take from one to two weeks to fill these special orders. 25% of amount of order required when sending in order.

*PATTERSON AND YOUNG MOISTURE GUIDE

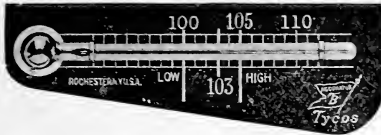


This moisture guide solves the moisture problem with your incubator. The holder is fastened to the egg tray and the guide is filled with water to the top line. The graduated scale shows how much moisture should evaporate from the egg each day. If evaporation is too fast, moisture should be added; if too slow, more air should be given. Full directions go with each guide. Attachments are included for all turning trays. Every owner of an incubator should have this moisture guide. Weight 3 oz. Each, \$1.00.

SALT—SALT

25-lb. sacks Fine Salt, each.....	\$0.40
100-lb. sacks Fine Salt, each.....	1.10
100-lb. sacks Stock Salt, each.....	1.00
50 lbs. Block's Sulphur Salt, each.....	.65
50 lbs. Block's Plain Salt, each.....	.55
4-lb. Sulphur Bricks, each.....	.15
100-lb. sacks Ice Cream Salt, each.....	1.00
Salt Spools for Rabbits	1.00
15c each, 2 for 25c; 10 for.....	1.00

TESTED INCUBATOR THERMOMETER



- No. 5776—Incubator Thermometer—Genuine "Tycos" on flexible brass legs. White figures and graduations on black finished scale. Packed 1 in box, shipping weight 6 oz. Each\$0.75
- No. 5778—Genuine "Tycos" without legs. Shipping weight 6 oz. Each.....\$0.75
- *No. 90—Incubator Thermometer—Mounted on porcelain stand and frame, with black engraving. Easy to read. Packed 1 in box, shipping wt., 6 oz. Each....\$0.75
- No. 80—Incubator Thermometer. Each\$0.50
- Buckeye Incubator Thermometer. Each\$1.00
- No. 25—Brooder Thermometer. To be hung on canopy. Each.....\$0.25
- No. 125—Buckeye Brooder Thermometer. Each\$1.25



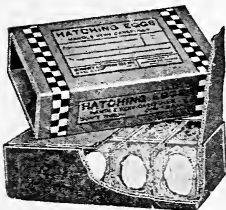
BROODER THERMOMETER

No. 5792—Genuine "Tycos" thermometer. To be inserted through a hole in the top of the brooder so the bulb is in the actual brooder temperature, and the scale is outside for easy reading. Weight 6 oz. 75c

INCUBATOR LAMP WICKS

Made of felt. The best wick to use in your incubator lamp. State width of wick when ordering. Each, 5c; doz., 50c; weight 2 oz.

ANDERSON EGG BOXES FOR SHIPPING



Made of extra heavy corrugated cardboard; built so as to stand rough handling and carry your setting eggs safely.

- 15 egg size. Each.....\$0.30
- Weight 1½ Lbs.
- 15 egg size. Doz.....\$3.00
- Weight 15 Lbs.

- 30 egg size, weight 2½ lbs. Each.....\$0.45
- 30 egg size, weight 26 lbs. Doz. 4.50
- 50 egg size, weight 3½ lbs. Each55
- 50 egg size, weight 39 lbs. Each..... 5.50

ANDERSON CHICK BOXES

The Original Anderson Master Breeder Baby Chick Pullman



Light in weight yet the strongest and safest chick box made. A very attractive checkered border box with a light blue inside liner. The result of 25 years chick box building. Approved by all Baby Chick Associations.

- 25 chick size. Each....\$0.10
- 50 chick size. Each.... .15
- 100 chick size. Each.... .20
- 25 chick size, 25 to bundle. Each07½
- 50 chick size, 25 to bundle. Each11
- 100 chick size, 15 to bundle. Each15

LOCAL DELIVERY BOXES

- 15 chick size, 100 to bundle. Each.....\$0.03½
 - 25 chick size, 100 to bundle. Each..... .04
- (Prices subject to paper markets and change without notice).

CHICK BOX SUPPLIES

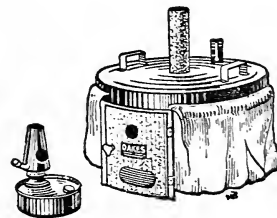
STAPLERS AND STAPLES

- Acme No. 1—Hand Power Stapler, holds 100 staples Automatic feed, anti-clogging device. Shipping weight 9 lbs. Price\$7.50
- No. 1—Staples for same, box of 5,000\$1.50
- Tin Hand Staples, per box of 1,000..... 1.10
- Piercing Tool for use with tin or copper coated staples, to guide the staples into the box. Each.....\$0.35
- Master Breeder 6 inch Redwood sticks, per 1000...\$4.00
- Master Breeder stick glue, per 1 gal. can.....\$1.50
- Wood Wool Pads, per 1000\$9.00

Brooders

*OAKES' "ECONOMY" HOVER

LAMP-HEATED

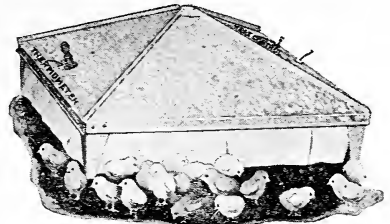


Simple in construction, made of steel throughout and durable. Can be lifted by its two handles without disturbing the lamp and used anywhere with perfect safety as it stands on a level floor; no platform or other preparation necessary. Only a small flame is required, as the lamp is inside and no heat is lost. The curtain is double and made of outing flannel.

Postpaid

- No. G-102—18-inch drum, 50 to 75 chicks.....\$ 6.50
- No. G-103—22-inch drum, 100 to 125 chicks..... 10.00

*OAKES' NEW AND IMPROVED ELECTRIC BROODERS



The canopy and legs are made of high quality galvanized steel of four pieces bolted and spot-welded together. The 32 inch canopy will support the weight of an average sized man.

Top is lined with asbestos and has Celotex deck above the heating element to retain the heat, in the 32 and 42 inch sizes. In addition to the Celotex insulation there is a metal heat deflector which distributes the heat.

Ventilation is provided through a series of draft chutes located above the heating element.

Each brooder is equipped with special Wafer thermostat and electric cut-off switch provides automatic regulation of the heat at all times.

Special thermometer, eight feet of drop cord, curtains, and pilot light furnished as regular equipment with all brooders.

Delivered

- No. F 90—22" Brooder complete, 100 chick.....\$12.00
 - No. F 91—32" Brooder complete, 300 chick..... 16.00
 - No. F 92—42" Brooder complete, 600 chick..... 20.00
 - No. G-920—52" Brooder complete, 1000 chick..... 24.00
- Automatic Heat Control. No attention required.

*OAKES' BLUE-FLAME OIL BROODER

TWO STYLES—THREE POPULAR SIZES

The Oakes Blue-Flame Oil Brooder is the outcome of several years of careful investigation and experiment. Many different types of blue-flame burners were designed and tested in their experimental poultry plant, in order to secure the very best burner that could be produced.

The new Oakes Blue-Flame Oil Brooder is now offered to our customers in the belief that it represents the safest and most satisfactory brooder of this type now on the American market.

The circular hover is strongly built of rigid galvanized steel, with strong steel legs. It is perfectly ventilated, and inspection of the burner is provided by the circular opening shown in the photographs on this page. When the burner requires cleaning the hover is lifted by means of the handle shown.



TWO STYLES

Heat is supplied by means of an improved blue-flame kerosene burner which does not require a wick. This makes a hot, smokeless flame that gives off neither odors nor gas. The housing about the flame protects the chicks. Glass oil reservoir is outside of the hover and shows the amount of oil in the reservoir. It will burn for 24 to 40 hours with one filling.

The Oakes Blue-Flame Oil Brooder is made in two styles. The Regular Style has no heat regulator and the height of the flame is regulated by hand. The Automatic Style has a very efficient regulator which permits the oil to feed faster and make more heat when the temperature is reached.

Both styles are covered by the usual Oakes guarantee of good material and good workmanship.

AUTOMATIC BLUE-FLAME BROODER

No.	Size	Each
H-180	55 lbs. 34 in.	\$13.75 Delivered
H-181	60 lbs. 42 in.	15.00 Delivered
H-182	65 lbs. 52 in.	16.50 Delivered

REGULAR BLUE-FLAME BROODER

No.	Size	Each
H-180A	55 lbs. 34 in.	\$12.90 Delivered
H-181A	60 lbs. 42 in.	14.00 Delivered
H-182A	65 lbs. 52 in.	15.00 Delivered

LIVE AND GRO BROODER

50 Chick Unit



These brooders are built to raise a small flock of chicks of not more than 50. Where a person does not desire to go to a great expense for brooder when they only wish to raise a small flock. Side walls and top are constructed of heavy corrugated cardboard with a smooth finish. Bottom is made of hardware cloth so that chicks are kept off the floor and creates a sanitary condition. Brooders come equipped with water and feed trough. May be heated with charcoal or electrical current. If you have electrical current, advise the electric heat. This Brooder comes equipped with a complete drop with 8 foot of cord. Size of Brooder 18x22x6. Kindly specify kind of heat desired when ordering, charcoal or electrical. \$2.50 each, postpaid.

BUCKEYE "COLONY" BROODERS RAISE EVERY RAISABLE CHICK

The Buckeye Oil-Burning Brooder has the new improved Burner that gives the maximum amount of heat with the minimum consumption of oil. It is a wick burner and the oil is fed by gravity. Buckeye is self-feeding and self-regulating; it doesn't clog; it doesn't flare up; it doesn't go out. Can be safely operated on any floor. Has "Diafram" Heat Conveyor, so attached to the canopy that it insures the radiation of heat to the very outside of the brooding area.

No.	Capacity	Canopy	Shipping Weight	Price
No. 27-A	200 chicks	34-inch	40 lbs.	\$16.75
No. 80	350 chicks	42-inch	50 lbs.	17.50
No. 81	560 chicks	52-inch	60 lbs.	18.50



Buckeye Oil Burner

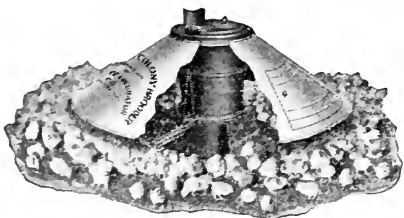
BUCKEYE COAL BURNING BROODER

DOUBLE CHECK DRAFT—REVOLVING HOVER

The new Buckeye Brooder has a Double Check Draft. It controls the fire with 50% greater efficiency; controlled by the Buckeye Thermostat which is self-regulating. It so operates as to prevent the fire from going out from underheating and from overheating. The new Hover is Revolving. It saves time, work and trouble. Every attention is given the brooder by simply turning the Hover door to the desired position.

SPECIFICATIONS OF BUCKEYE COAL-BURNING BROODERS

No. 117—42" Hover, Up to 350 chicks,	75 lbs.	\$14.75
No. 118—52" Hover, Up to 500 chicks,	95 lbs.	18.50
No. 119—56" Hover, Up to 1000 chicks,	130 lbs.	22.50

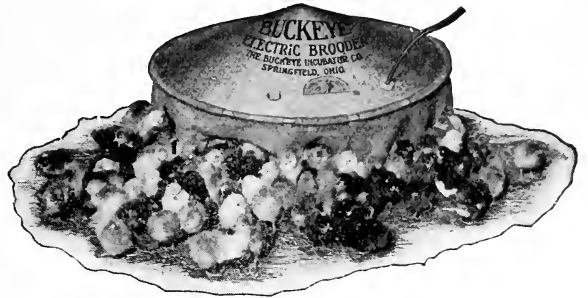


BUCKEYE ELECTRIC BROODER

After four years' experimental and development work the Buckeye Electric Brooder has been perfected. Poultrymen can now secure a brooder heated by electricity that will give them maximum of brooding satisfaction without the disadvantages that have heretofore been common with brooders of the electric type.

Buckeye Electric Switches are dependable. The heating elements are sturdily constructed, built to last and automatically controlled and are designed for 100 to 125-volt current.

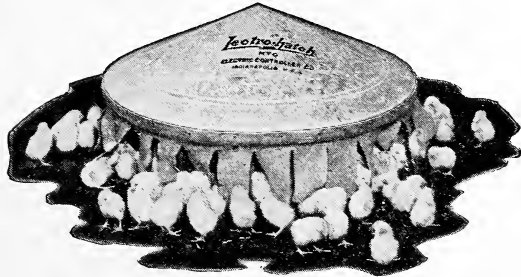
Buckeye Electric Brooders are made in four sizes, with capacities of 50, 100, 200 and 300 chicks respectively. These brooders will actually take care of this quantity of chicks. Do not be fooled by large ratings of competitive brooders. With electric brooders it is necessary to use a curtain as shown in the illustration. If you compare the diameter of Buckeye canopies and chick rating with the diameter of canopies of competitive brooders and their chick rating, the accuracy of Buckeye rating is easily determined.



Chick capacity
 Diameter of Canopy
 Price

No. 90	No. 91	No. 92	No. 93
50	100	200	300
26 in.	36 in.	46 in.	56 in.
\$14.50	\$19.75	\$24.75	\$29.50

Made in Two Popular Sizes
 150-Chick and 500-Chick



Lectro-hatch ELECTRIC BROODERS

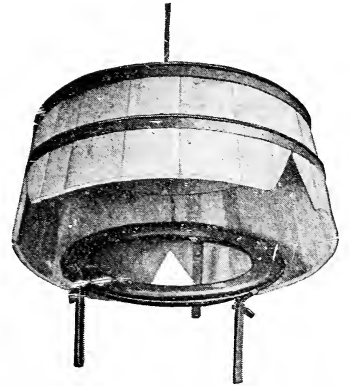
The Lectro-hatch Brooder has the same principle of reliable heat and automatic temperature control as the Lectro hatch Inebaur. Night or day the temperature in your brooder never varies. There are no ups or downs—no frozen or roasted chicks. Chicks breathe free, pure air all the time. Pure air, unchanging heat and no crowding will prevent a big part of your usual chick losses. Lectro-hatch Brooders are strongly built of heavy galvanized metal, with heavy felt curtain—sturdy, attractive, efficient, and durable.

150 chick size	\$18.00
(28 inch diameter)	
500 chick size	23.50
(40 inch diameter)	

It's all Brooder—No Lamp, No Stove!

*OAKES' OUTFIT for Home-Made Electric Brooder

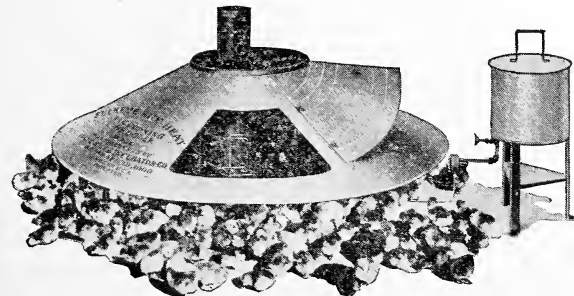
Now you can make your own Electric Brooder at very small cost. Simply use the Oakes outfit illustrated below in connection with a wooden tub, half barrel, or wooden box and you'll have a thoroughly dependable electric brooder at a very economical cost. Outfit consists of heater complete with legs and 8 feet of drop cord with detachable plug. We do not furnish tub shown in illustration. Works on 110-volt A. C. or D. C.
 *No. G-93—Each\$3.25 Postpaid



BUCKEYE "RITE-HEAT" OIL BURNING COLONY BROODER

A large-capacity oil-burning brooder that does everything a coal-burning brooder will do. It will care for large flocks of chicks. It is sensational in its chick-saving ability. It is amazingly easy and simple to operate. It gives a tremendous amount of heat. The heat is radiated down to the chicks—to every inch of the brooding area—with greatest efficiency. It requires a surprisingly small amount of fuel. It saves chicks where other brooders fail. It vastly increases poultry profits.

It heats a large area and heats it abundantly. It gives surpassing results under almost any weather condition. There is no limit to the



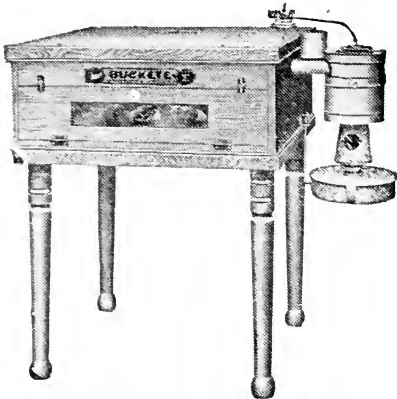
amount of heat it will produce. It will care for big broods of chicks regardless of sudden changes in the weather outside.

The "Rite-Heat" oil burner is a triumph in oil burner design. It provides a clean, hot flame that is thoroughly reliable and dependable. It consumes perfectly every drop of oil. There is positively no carbon.

The Buckeye "Rite-Heat" Thermostatically Controlled Regulator is the simplest, most dependable ever devised for brooder use. It responds instantly to the slightest change. It insures ideal temperature under the hover at all times.

No.	Canopy	Weight	
101	—48 inch;	500 chick size;	108 lbs.....\$26.50
102	—62 inch;	1000 chick size;	118 lbs..... 31.50

BUCKEYE INCUBATORS AND BROODERS



Buckeye "Standard" No. 3

Buckeye Incubators are the result of over thirty-five years of study and experiment. There are no other incubators like them. Buckeye "Standard" Incubators are made with double-thick case. Heat insulation is practically perfect. The hot water circulating tank is of pure copper—it will never rust or corrode. The automatic regulator assures uniform temperature at all times without any attention whatever. The lamp is supplied with either an oil or gas burner—each one efficient, economical in operation, dependable and fire-proof. Buckeye "Style E" Incubators are a little more simply constructed and a little less expensive in price—but they contain all the essential features of Buckeye design.

Note this: Both Buckeye "Standard" and Buckeye "Style E" Incubators carry the same unlimited guarantee—to hatch every hatchable egg every time and under all conditions. You can select either type of Buckeye Incubator and be sure of the best possible hatching results.

CAPACITIES AND WEIGHTS "Standard"

No. 1—120 eggs, 110 lbs.....	\$30.00
No. 2—175 eggs, 135 lbs.....	35.00
No. 3—250 eggs, 200 lbs.....	46.50
No. 4—350 eggs, 230 lbs.....	55.00
No. 5—600 eggs, 325 lbs.....	87.50

"Style E"

No. 14— 65 eggs, 55 lbs.....	\$16.50
No. 16—110 eggs, 85 lbs.....	22.50
No. 17—210 eggs, 125 lbs.....	30.00

Lectro-hatch

ELECTRIC INCUBATORS

"DO IT ELECTRICALLY!" Lectro-hatch incubators and brooders have made poultry raising safe, easy and certain. Chicks hatched by electricity have the appearance of being a week old the day they're hatched. Even heat and fresh, pure air gives the chick every advantage for life, growth and development that Nature intended.

65 egg size.....	\$23.50
150 egg size.....	38.00

When ordering Lectro-hatch incubators or brooders, state voltage of your electric current.

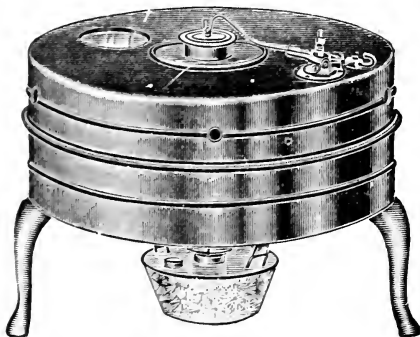


RELIABLE BABY GRAND INCUBATOR

It is double-walled with a circulation of warm air between walls, windows in top to see thermometer without opening machine. It is self-regulating and a positive success. Can be shipped by parcel post, express or freight, packed all in a carton ready to operate.

Price\$5.00

Capacity, 50 chicks. Weight 18 pounds.



50-Egg Hot Air

Stops
Losses
Now!



Money-
Back
Guar-
antee

COCCIDIOSIS

REMEDY

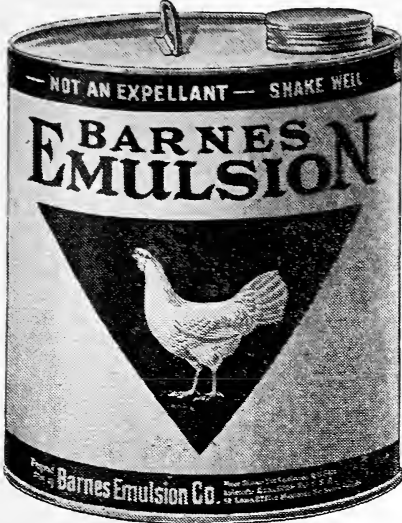
Dead Chicks Lose You Money
S-P Coccidiosis Remedy Will
Keep Them Alive

Given in the drinking water. No starving of birds—no inconvenience. Easy to apply, is an excellent preventive. One box treats 100 to 125 chicks. Simply dissolve in the water.

Price, per box, postpaid\$1.00

COMMON SENSE vs WORMS

"COMMON SENSE vs. WORMS" is the name of a 32-page booklet, brimful of interesting information for poultry-folks whose chickens are backward in growth and development, have pale faces and shanks, and stand around droopy, with eyes closed. If there is a steady and comparatively high mortality in your flock; if some of your birds "go light," then die; or if they are affected with brownish diarrhoea, the cause is likely to be from intestinal worm infestation.



Other effects of worm infestation include: irregularity in egg laying, going lame, or developing "staggers," and particularly a condition of low vitality so they easily catch colds, sneeze, have watery eyes, canker, roup and chicken pox.

TO CONTROL THE WORM EVIL

you have your choice of EXPELLING them by dosing your birds with tobacco, nicotine and other vermifuges—OR feeding Barnes Emulsion to your birds in their water or mash. The main objection to EXPELLING the worms is that THOUSANDS of WORM EGGS are also apt to be expelled, to be picked up by the birds, causing a re-infestation more disastrous than ever. WHEREAS THE ACTION OF BARNES EMULSION IS TO AID IN SOOTHING AND HEALING THE INFLAMED INTESTINAL TRACT and build health and vitality in the fowl while at the same time preventing round worm larvae, in the intestinal tract, from developing into worms. TO PROVE THE MERIT AND WONDERFUL EFFECTIVENESS OF EMULSION TO YOUR OWN SATISFACTION, you need only to obtain a can of it and make a comparative test as explained on page 13 of the booklet.

"Common Sense vs. Worms"

*Prices: Qt., \$1.00; Gal., \$3.00; 5-gal. Keg, \$12.50; 30-gal. Barrel, \$58.50.

Delivered anywhere in the U. S. only

DISINFECTANT
PURIFIER



The Sure Germ Killer

GERMICIDE
DEODORANT



STERILAC has overcome all disadvantages of other chlorine disinfectants and germicides. It comes in powder form—and you do not have to pay heavy freight charges on water which can be added just as well by you as by anyone else.

Being in powder form, there is less possibility of deterioration when subjected to air than when held in suspended form in water.

It may be used in either hot or cold water, whereas in the past, such germicides deteriorated when placed in hot water.

STERILAC is 45 times stronger than carbolic acid as a germicide, yet it can be used without danger of poisoning.

STERILAC is especially effective for colds, roup, chicken pox and infectious bronchitis. A one-pound bottle of STERILAC will make 480 gallons of sufficient strength for most purposes. Each gallon of solution will cost about one cent.

STERILAC is the most efficient disinfectant and deodorant for the dairy: the perfect sterilizer for the home. Write for Sterilac Booklets: "Sterilac for the Poultryman," "Sterilac for the Dairyman," "Sterilac in the Home." Used by such well-known poultrymen as Dixie Poultry Farm, Brenham, Texas. Roy McDonald, Dallas, Texas. Claremore Hatchery, Claremore, Okla. P. E. Payne, Stephenville, Texas.

*2-ounce bottle, postpaid\$1.00 *16-ounce bottle, postpaid\$ 4.50
*8-ounce bottle, postpaid 2.50 *5-pound can, postpaid 16.75

NOTICE

Five ounces of Sterilac will make a gallon of concentrated solution equal in strength to the best sodium hypochlorite on the market. If you have been accustomed to using sodium hypochlorite you may find it convenient to make up a stock solution by adding five ounces of Sterilac powder to a gallon of water. Then use this concentrated solution as you have been accustomed to using sodium hypochlorite solutions.

*CONKEY'S POULTRY REMEDIES

Your money cheerfully refunded if any Conkey remedy does not satisfy. Conkey's Poultry Book Free if you call at our store or mailed for 6 cents in stamps to cover postage for mailing.

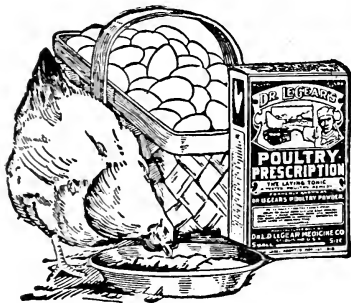
All Conkey and LeGear Remedies Postpaid except Dips and Y-O.



- *Conkey's Salvo (Sorehead Remedy)Pkg., 25c-50c
- *Conkey's Old Reliable Powder (Roup Remedy).....Pkg., 25c-50c-\$1.00-\$2.35
- *Conkey's Pills (Roup Pills)Pkg., 25c-50c-\$1.00
- *Conkey's Diatex (White Diarrhea Remedy)Pkg., 25c-50c-\$1.00
- *Conkey's Cholera RemedyPkg., 25c-50c-\$1.00
- *Conkey's Balmo (Canker Special)Pkg., 50c
- *Conkey's Limberneck RemedyPkg., 50c
- *Conkey's Rheumatic RemedyPkg., 50c
- *Conkey's Blackhead RemedyPkg., 50c
- *Conkey's Poultry Worm RemedyPkg., 25c-50c
- *Conkey's Poultry ConditionerPkg., 25c-50c
- *Conkey's Poultry LaxativePkg., 25c
- *Conkey's Scaly Leg RemedyPkg., 25c
- *Conkey's Gape RemedyPkg., 25c
- *Conkey's Head Lice OintmentPkg., 10c-25c
- *Conkey's Lice FixPkg., 25c-50c
- *Conkey's Flea SalvePkg., 25c
- *Conkey's Poultry TonicPkg., 25c, 50c, pail, \$1.60
- *Conkey's Nox-i-cide (Dip and disinfectant) Pt., 50c; Qt., 80c; 1/2 Gal., \$1.30; Gal., \$2.00.

Conkey's Y-O, to be mixed in mash feeds, 1 lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.00

*LE GEAR'S POULTRY AND STOCK REMEDIES



*LE GEAR'S POULTRY PRESCRIPTION

Helps to make hens lay and to keep poultry healthy. A good general Tonic and Remedy for many ailments of poultry. It is especially beneficial during the Moulting, in the breeding season and during the winter time.

Put up in 30c, 60c, and \$1.20 packages, \$3.50 pails.

*DR. LE GEAR'S DIP AND DISINFECTANT

An excellent Antiseptic, Disinfectant, Germicide and Deodorant for both home and stable use. Good for Lice, Fleas, Sheep Scab and many forms of Ticks, Itch and Mange on Horses, Cattle, Hogs, Sheep, Goats, Dogs and Poultry.

Put up in 8-oz. bottle, 30c; quart, 75c; half gallon, \$1.15; one gallon, \$2.00.

Special—Bring in your empty cans and let us fill it with *LeGear's Dip and Disinfectant at \$1.25 per gallon.



- *Dr. LeGear's Stock Powder30c, 60c and \$3.50 pails
- *Dr. LeGear's Hog Prescription3 3/4 lb. pkg., 75c, 25 lb. pail, \$3.75
- *Dr. LeGear's Healing Powder30c
- *Dr. LeGear's Lice Killer Powder30c
- *Dr. LeGear's Chick Tablets30c
- *Dr. LeGear's Poultry Bowl Regulator30c
- *Dr. LeGear's Gall Remedy30c
- *Dr. LeGear's Poultry Worm Pills50c, \$1.00
- *Dr. LeGear's Kamala Pills\$1.00
- *Dr. LeGear's Nicotine Pills50c
- *Dr. LeGear's Screw Worm Killer30c

*Germo CHOLERINE



Recognized by small users, as well as big commercial houses, who maintain feeding stations and poultry ranches, as one of the foremost remedies and tonics on the market. CHOLERINE should be purchased in quantities adaptable to the size of your flock. 3 oz., 35c; 16 oz., 60c; 32 oz., \$1.00.

*Germo GERMOFORM

The regular inhaling of the diffused germicidal gases from GERMO FORM is the most efficient and practical method for prevention and quick relief of Roup, Colds, Bronchitis, Pneumonia, Diphtheria, Influenza and All Infectious Poultry Diseases of Head, Throat, and Respiratory Organs.

GERMO FORM imparts a clean odor, purifies the air, and allays offensive and disagreeable odors. Because of the specially refined stabilized formaldehyde base and the added ingredients, GERMO FORM is decidedly less irritating and retains its potency for a maximum period. 8 oz., 50c; 16 oz., 90c.



***GEO. H. LEE CO., PRODUCTS**



***EGG-O-LATUM**

Rub a fresh egg with Egg-o-latum. Set it away on end in a cool dry cellar and it will keep perfectly fresh for one year. Price, 50c, postpaid.

***LEE'S SMOKE FLAVOR**

The modern way of curing sausage, hams and bacon. No smoking necessary. Does away with the worry of having your meat house and smoke house go up in flames and saves lots of time and worry and cures your meat better. 12 oz. bottles, 50c; not mailable.



***LEE'S LICE KILLER**

It kills by vapor and contact. It gives double service. Painted on the roost it kills insects with which it comes in contact, and the vapor arising kills lice on the bodies of the chickens as they roost over night, also the insect causing scaly leg. Not mailable. Price—Quart can, 60c; ½ gallon, 90c; gallon can, \$1.50; 5 gallon, \$6.75.

***LEE'S EGG MAKER**

Hastens the moult, tones up the system, stimulates the egg-producing organs without injury and lengthens the period of egg production. 2 lb. pkg., 50c; 5 lb. pkg., \$1.00.

***GERMOZONE**

Is a most effective remedy for diseases affecting the skin and semi-exterior mucous membrane of man, fowl or beast.

For Poultry—Roup, colds, canker, chicken-pox, sore head, swelled head, cholera, bowel trouble, etc.

For Stock—Cuts, sores, wounds, sore eyes or mouth, saddle or harness galls, swelling skin diseases, etc.

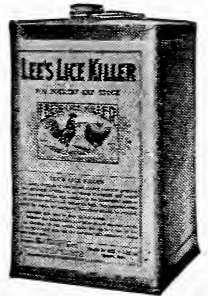
4 oz. at.....\$0.40 Quart Size\$1.50
12 oz. at......75 ½ Gallon 2.50
Gallon \$4.50

***GERMOZONE TABLETS (Mailable)**

Small size, 20 tablets.....25c Large size, 75 tablets.....65c

***LEE'S HEALING POWDER**

Splendid for cuts and sores on animals.....25c



RID YOUR POULTRY OF WORMS

***LEE'S GIZZARD CAPSULES**

An Insoluble Capsule carrying a triple combination worm medicine for Tape worms, Round worms and Pin worms. Being insoluble, it passes through the mouth, throat, crop and stomach of the fowl to the gizzard where it is ground up like a grain of corn, pouring the full strength, undiluted medicine directly into the intestines upon the worms.

It is five times as effective as worm remedies given in the food or drink, which dilutes and weakens them; it is three and a half times as effective as soluble capsules dissolving in the crop, or liquids deposited in the crops with a syringe.

Poultry authorities and medical scientists have welcomed the "Gizzard Capsule" as the most forward-reaching step in furthering the fight against intestinal parasites of poultry.

ADULT SIZE

One for full-grown chickens. (not bantams.)
One for full-grown turkeys.
Two for turkeys over fifteen lbs.
One Adult Size Equals Three Chick Size

CHICK SIZE

One for chicks 1 to 2 lbs. Including bantams.
One for turks 2 to 4 lbs.
Two for chicks 2 to 4 lbs. Including bantams.
Two for turks 4 to 6 lbs.

ADULT SIZE

* 50 Capsules, pkg.....\$ 1.00
* 100 Capsules, pkg..... 1.75
* 500 Capsules, pkg..... 7.00
*1000 Capsules, pkg..... 12.00

CHICK SIZE

* 100 Capsules, pkg.....\$1.00
* 500 Capsules, pkg..... 4.50
*1000 Capsules, pkg..... 8.00

POSTPAID



FOR THE DAIRYMAN

Epsom Salts—Well known cathartic. Bowel regulator for stock and poultry. 1 lb. 10c; 3 lbs. 25c; 14 lbs. \$1.00; 100 lbs. \$4.50.

Milk Bottle Caps—Will fit any standard milk bottle. 25c per lb.; 10 lbs. \$2.25.

Butter Cartons 85c per 100, weight 3 lbs.; \$7.50 per 1,000, weight 30 lbs.

Butter Paper—For wrapping 1 lb. moulded butter. 35c per lb.; 3 lbs. \$1.00.

Flowered Sulphur—For feeding with salt, etc. 1 lb. 10c; 10 lbs. 75c; 100 lbs. \$4.50.

For Prices on Salt See Page 34.



Rids poultry of all blood sucking lice, mites, fleas, blue bugs, cleans them of all intestinal worms and parasites. It is also a wonderful poultry tonic, blood purifier, health builder and egg producer. It contains lots of sulphur, compounded scientifically with other health building ingredients. Known remedies for preventing disease. "Prevention is cheaper than cure." Keep your flocks free of insects and intestinal worms and their system in good condition through the winter and you will get good hatchings and strong chicks in the spring. A supply to last through the winter and spring will cost very little. Give it a six days trial at our risk. Money back if not pleased. 50c and \$1.00 bottle, postpaid.

Dr. Hess Stock and Poultry Preparations

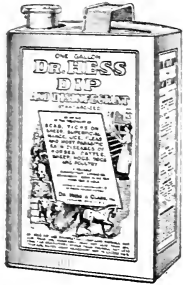
DR. HESS & CLARK, INC.

GUARANTEE A PROFIT OR YOUR MONEY BACK.

DR. HESS' POULTRY PANACEA

Helps to make poultry healthy and to make hens lay. Not a stimulant, but a tonic that tones up the dormant egg organs, brings back the scratch and cackle, and compels each hen to put her share of eggs in the market basket.

Always buy according to the size of your flock: 100 lb. drum, \$12.00; 50 lb. drum, \$6.50; 25 lb. pail, \$3.50; 15 lb. package, \$2.25; 12 lb. package, \$1.75; 7 lb. package, \$1.25; 5 lb. package, 85c; 3 lb. package, 65c; 1½ lb. package, 30c. Postpaid.



DR. HESS STOCK TONIC IMPROVED—WITH MINERALS ADDED

A Conditioner and Worm Expeller

Promotes health—makes hogs, cows and sheep more profitable—keeps horses and mules in good condition.

Rids hogs of worms, makes the runts thrive and the whole herd gain faster.

Contains tonics to whet the appetite of cows, laxatives to keep the bowels in order, diuretics for the kidneys, and the needed minerals usually lacking in ordinary rations.

Always buy according to the number of animals you have. 100 lb. drum, \$12.00; 50 lb. drum, \$6.50; 25 lb. pail, \$3.50; 15 lb. package, \$2.25; 10 lb. package, \$1.50; 5 lb. package, 85c; 3½ lb. package, 65c. Postpaid.

DR. HESS HOG SPECIAL

A Splendid Conditioner and Worm Expeller for Hogs

Rids hogs of worms. Makes the runts thrive and the whole herd gain faster. Contains tonics to whet the appetites, laxatives to keep the bowels in order, diuretics for the kidneys, and the needed minerals usually lacking in ordinary rations. 100 lb. drum, \$12.00; 25 lb. package, \$3.50; 15 lb. package, \$2.25. Postpaid.

DR. HESS DIP AND DISINFECTANT

Kills hog lice, sheep ticks, and other animal parasites. For general disinfecting about stables, dairy barns, poultry houses, and the household. It is standardized, always uniform in strength. Makes a milky-white emulsion. 1 gallon, \$2.25; ½ gallon, \$1.30; quarts, 75c; pints, 50c.

DR. HESS FLY CHASER

—has the odor of the pines

Pleasant to folks, but repelling to flies and mosquitoes. Prevents the summer milk slump. Besides being a most efficient fly repellent, it is a disinfectant, antiseptic and deodorant. Will not taint the milk; will not strain or gum the hair. It is a skin cleanser. 5 gallons, \$8.25; gallon, \$1.75; ½ gallon, \$1.00.

DR. HESS ROUP TABLETS

For Roup, Diphtheria, Chicken Pox, Canker and all catarrhal diseases in poultry. Given in the drinking water. It is antiseptic, slightly astringent, non-irritating. It dries up the mucous discharges and heals affected parts. 225 Tablets, \$1.00; 100 Tablets, 50c. Postpaid.

DR. HESS WHITE DIARRHOEA TABLETS

For Common Diarrhoea, Bacillary White Diarrhoea, Coccidiosis, or any form of bowel trouble affecting poultry. Used as a preventive and as a treatment. Given in the drinking water. 225 Tablets, \$1.00; 100 Tablets, 50c. Postpaid.

DR. HESS LOUSE KILLER

Kills lice on poultry, horses, and cattle; sheep ticks; bugs on cucumber, squash, and melon vines; slugs on rose bushes, ants. Non-poisonous; can be used in safety on edible plants. Sold in sifting-top cans. 2½ lb. can, 60c; 1 lb. can, 30c. Postpaid.

DR. HESS HEALING POWDER

An Antiseptic Treatment for Open Wounds and Abrasions

For veterinary use it is a recognized remedy for galls, cuts, thrush, mud sores, burns, wire cuts, ulcers, foul in the feet, fistula, chapped teats and surface wounds of every description. It also prevents proud flesh. Being a powder, stable dirt and dust will not stick to it.

Put up in handy adjustable, sifting-top cans. 10 oz. can, 50c; 4 oz. can, 25c. Postpaid.

DR. HESS POULTRY WORM POWDER

Quick in Action—Sure in Results

Placed in the morning mash for ten days it frees your poultry of worms on full feed without shock or evil effects to the system. Repeat in three weeks to prevent reinfestation. When used and prescribed will not check the growth of chicks or throw hens into moult or off production.

10 lb. package, \$3.25; 4 lb. package, \$1.50; 1½ lb. pkg. 60c. Postpaid.



McCLELLAN'S RABBIT REMEDIES

	Postpaid		Postpaid
Bronki-ol Inhalant, 8 ozs.	\$.50	Rabbit Canker Remedy .....	.50
Bronki-ol Inhalant, 1 pint.....	.75	Finesan, 1 gallon	3.00
Bronki-ol Inhalant, 1 gallon.....	3.00	National Ear Marker	1.00
Rabbit Diarrhea Conditioner.....	.50	Salt Spools, 15c each, 2 for 25c	
Rabbit Round Worm Emulsion.....	.50	Roll of 10 spools	1.00



THE POWDER OF MANY USES

Carbola is a white paint and powerful disinfectant combined in powder form. It is ready to use as soon as it is mixed with water. It can be easily and quickly applied to building interiors with brush or spray pump. Disinfects and dries pure white. Does not flake or peel off. One pound covers 100 square feet.

Carbola makes buildings light, clean, sweet-smelling and sanitary. Helps to prevent contagious diseases among live stock and to keep poultry, cattle, horses, etc., free from lice, mites and other parasites. Recommended by leading agricultural colleges, experiment stations and health authorities for use in poultry houses, stables, dairies, hog pens, cellars, garages, dog kennels, rabbit hutches, factories, warehouses, out-buildings, on trees and tree trunks, and in the garden.

5 pound package	\$3.85
10 pound package	1.50
50 pound bag	5.50

McCLELLAN'S POULTRY REMEDIES



McClellan's Crexafowl Liquid.....\$0.50

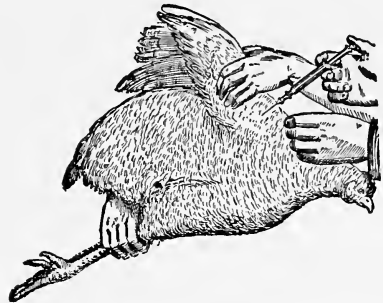
A Tonic for Chickens, Turkeys, Ducks, and Rabbits. We recommend this preparation for treating diarrhea due to dietetic conditions.

McClellan's Crexafowl Powder

A conditioner for Poultry, Ducks, Turkeys and Geese.

1½ pound package	\$0.30
12 pound package	1.80
30 pound package	4.00

AVIAN BACTERIN Vaccination Pays

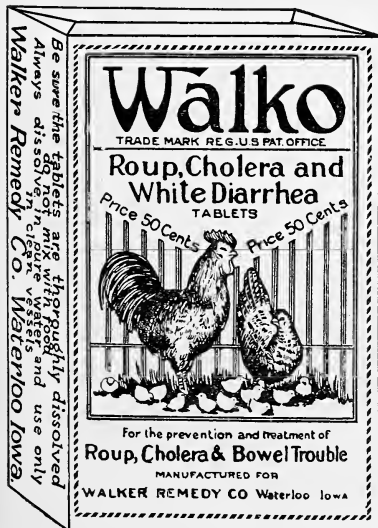


Stops poultry losses. Increases profits. Best preventive and treatment of mixed infections in poultry, including diphtheria, roup, colds, canker, cholera and their complications.

Vaccinate with Avian Mixed Infection Bacterin.



60 doses	\$2.00
120 doses	3.00
250 doses	5.00
500 doses	7.50
Quitman Syringe	1.50
10-dose Glass Syringe	1.25



***WALKO**—Especially valuable for white diarrhea among incubator chicks. Tends to increase strength and vitality and should be given in drinking water as a preventive from the time chicks are out of the shell. 50c and \$1.00 pkgs. *Postpaid.

Gold Leaf Tobacco Powder—Controls round worms in poultry, 2 lbs. 30c; 10 lbs. \$1.00; 100 lbs. \$7.50.

LILLY'S NICOTINE AND LLOYD'S REAGENT

A splendid preparation for intestinal worms. Do not give to birds under eight weeks of age. Bottle of 100 capsules, \$1.00.



BURREL-DUGGER REMEDIES

Sold Under a Positive Money Back Guarantee
If Not Satisfied



*DON SUNG

Chinese for Egg-laying
It is a concentrated medicine—no needless bulk or filler—ready to add to your wash feed. It has a direct tonic action on the egg-laying organs and doesn't force or hurt the hens in any way. It produces more eggs by first putting the hen in good health, and then helping to maintain that health.

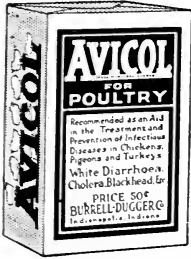
Small size, 50c; Large size, (3 times the 50c size), \$1.00; Special size (6 times the \$1.00 size), \$5.00.* Postpaid.

*AVICOL

For White Diarrhoea in Chicks and Blackhead in Turkeys

Avicol does the work in 48 hours. Almost from the very moment you drop the first Avicol tablet in the drinking water, the sick chicks start to get well. Usually, in a short time, the very ones that seemed too weak and sick to live another day, are running around as lively as crickets, full of pep, hungry, healthy, scratching and pushing for a place at the feeding trough.

Price, 50c; Special Large size, (almost 3 times 50c size), \$1.00.* Postpaid.



Roup-Over

"The Over-Night Roup Remedy"

FOR ROUP, CANKER AND COLDS

Use Roup-Over at the very first symptoms of Roup or colds in your flock. It clears the air passages and brings relief with magic quickness. Easily used, both for individual treatment and in the drinking water for flock prevention.

Price, 50c; Large Size (3 times 50c size), \$1.00.*

*TALCUMIZED SODIUM FLUORIDE



"I Need T. S. F."

It kills both old and young lice, including unhatched lice present at the time of treatment. Talcumized Sodium Fluoride (called "T. S. F.") is made especially for poultry use." It is less irritating than straight Sodium Fluoride, penetrates the plumage more thoroughly, and comes packed in a moisture-proof, shaker-top package bearing the U. S. Government's directions for using. Small Sizes (for 50 chickens), 40c; Large Size (twice the 40c size), 70c; Special Size (5 times 70c size), \$2.65. The above prices include packing and postage.*

CARBOLINEUM

is a pure, unadulterated high boiling anthracene oil—a carbolineum of the highest grade—meeting Uncle Sam's requirements in every respect and it is

Sure Death to Mites and Blue Bugs

Can be applied with a brush, like paint, or sprayed on as preferred. It should not be applied to the chickens. One gallon will go over an ordinary chicken-house, size 8x12. ½ gals. 90c; 1 gal. \$1.50.



Note These Remarkable Qualities



Powerful. By Government Method of test B-K has over ten times greater germ-killing strength than carbolic acid. Much stronger than coal tar disinfectants—much safer.

Safe. B-K is colorless, leaves no stain on floors, walls or utensils. Does not soil animal's hair.

Deodorant. B-K destroys foul odors—leaves no odor of itself.

Cheap to Use. B-K is so strong that much water is used in diluting. One gallon B-K makes 200 to 500 gallons of solution ready for use according to the purpose.

Stops and cures Roup, Canker, Scaly Legs, Bumble-foot, Chicken Pox, Black Head in Turkeys and other contagious poultry diseases.

FOR YOUR SHOW BIRDS

B-K removes all stains—keeps plumage, skins and combs clean and bright—destroys nits and eggs of lice. Keeps the flock healthy and snappy.

Greatest Household Purifier, Cleanser, Deodorant Germ Destroyer.

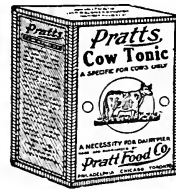
Non-Poisonous, Colorless, Leaves no Odor. Circular on request.

Trial size, 60c; quart, \$1.25; gallon, \$3.00; 5 gallons, \$12.50. Express only.



COW TONIC

This splendid tonic is made specially for cows. It contains no filler and no antimony, arsenic or dangerous minerals. Mixed with the feed it helps the digestion, regulates the bowels, tones up the reproductive system, helps prevent abortion, costs little and pays you big profits. Absolutely guaranteed. Try it. 50c.



Pratts Bag Ointment50c



POULTRY REGULATOR

24 oz. Package.....25c

4 lb. Package50c

CREOSOTE DIP—An excellent liquid spray or paint to put on your poultry house to keep them free from all vermin. ½ gallon 65c; 1 gallon \$1.00, not mailable.

POTASSIUM PERMANGANATE—An excellent germicide used extensively in drinking water for poultry to keep them in healthy condition. Has a very soothing effect on the membranes and linings of chicken's throat and intestines and is therefore very extensively used in curing diseases of these tracts. Price, 65c per lb. Not mailable.

SODIUM FLUORIDE—A preparation highly recommended by the U. S. Government for the control of poultry lice. May be used as a dip or dust. Lb. 35c.

CRUDE CARBOLIC ACID—Used by many poultrymen as a spray for the control of vermin in poultry houses. Gallon, \$1.50; 5 gallons, \$6.25.

COD LIVER OIL—To be used in poultry mashes. Experience has proven that Cod Liver Oil is very beneficial to poultry when mixed in fresh with mashes, but is of no value where it is mixed in and exposed to the air for a considerable length of time. ½ gallon \$1.10; 1 gallon, \$2.00.

NUX VOMICA—To be mixed into poultry feed to kill hawks and rats. Will not affect poultry. Lb. 35c.

SULPHUR—Sublime Flowered for feeding in egg mash. Lb. 10c; 3 lbs. 25c; 14 lbs. \$1.00; 100 lbs. \$5.00.

EPSOM SALTS—Well known cathartic. Bowel regulator for poultry and stock. Lb. 10c; 3 lbs. 25c; 14 lbs. \$1.00; 100 lbs. \$4.50.

VERMIDINE

THE INSTANT POULTRY WORMER
THE IODINE PROTEIN COMPOUND

Losses in poultry and turkeys due to seemingly unknown causes have been proven in a majority of cases to be caused by worms infestation which devitalized the poultry or turkeys and made them susceptible to disease. VERMIDINE, The Instant Poultry Wormer—has been called THE LIFE SAVER OF POULTRY. Its action is rapid and positive in eliminating worms and the iodine content counteracts the toxic poisons and destroys germs and organism present in the intestines.

Prices F. O. B. San Antonio

Quart—\$1.65. Doses 32 adult chickens or 16 adult turkeys.
Gallon—\$5.50. Doses 128 adult chickens or 64 adult turkeys.

Chicken Doser—each \$1.25—for chickens and youngpoults.
Poult Stem—each, 25c—for Bantams, small poults and chicks.
Turkey Doser—each, \$2.00—MUST be used for adult TURKEYS.



SEMI-SOLID BUTTERMILK

Semi-solid Buttermilk— $\frac{1}{4}$ bbl. per lb. 6 $\frac{1}{2}$ c; $\frac{1}{2}$ bbl. per lb. 6c; 1 bbl. per lb. 5 $\frac{1}{2}$ c.
We do not ship less than $\frac{1}{4}$ barrel of Semi-solid Buttermilk.

O. K. POULTRY LITTER

In general use by progressive poultrymen



This litter does away with the lack of sanitation that is usually evident in poultry houses. It is a labor-saver; prevents dampness; is absolutely sanitary, prevents the spread of disease, absorbs offensive odors; keeps the birds clean; makes an ideal dust bath; keeps the house warmer in winter and cooler in summer. It is economical. Though the original cost may be slightly higher than other litters, it outlasts others two or three times and saves the labor of handling. It prevents fire because it will not blaze. It takes an intense heat even to make this litter smoulder. After being used in the poultry house, it makes a most valuable fertilizer. Many poultrymen sell their O. K. Poultry Litter manure mixture to gardeners, florists and nurserymen at a high price. It does not injure the birds if eaten. One bale will cover 240 square feet with 1-inch of litter. Bales weigh approximately 180 lbs. \$5.00 per bale, F. O. B. San Antonio.

POULTRY AND STOCK FEEDS

All prices quoted f. o. b. San Antonio, Texas, and subject to change without notice.

Mr. Poultryman—Write for our monthly price list. It will save you money.

	Lb.	25 lbs.	100 lbs.
Oyster Shell (Reef Brand) fine and coarse	\$0.02 $\frac{1}{2}$	\$0.50	\$1.00
Pearl Grit, fine and coarse .....	.02 $\frac{1}{2}$	.50	1.25
Meat Scraps .....	.06	1.25	4.50
Tankage .....	.06	1.25	4.50
Bone Meal .....	.05	1.10	3.75
Linseed Meal .....	.06	1.15	4.25
Alfalfa Meal, Triple XXX Pea Green .....	.04	.85	2.50
Charcoal, fine and medium .....	.05	1.00	3.50
Pepper Seed .....	.05	1.10	4.00
Rolled Oatmeal .....	.08	1.25	6.00
Blood Meal .....	.11	2.50	9.00
Dried Buttermilk .....	.06	1.25	4.25
Ground Oats Groats .....	.04	.75	2.50
Fine Ground Oats .....	.04	.75	2.40
Coarse Ground Oats .....	.10	1.75	5.00
Sulphur .....	.10	2.00	4.50
Epsom Salts			

STRAIGHT FEEDS

Straight Feeds—For the benefit of our customers who mix their own feeds, we carry a full line of straight feeds. Cotton Seed Meal, Alfalfa Meal, Unbolted Meal, Shorts, Wheat Bran, Corn Bran, Rice Bran, Yellow Corn Chops, Ground Oats, etc. Owing to market changes we cannot quote prices in this catalog, and will be pleased to send prices on request.



RED CHAIN Feeds Are Superior Feeds.

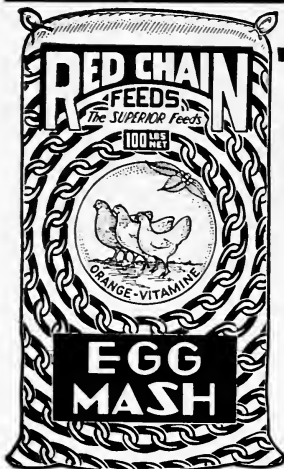
You're Entitled to Know

W-H-Y

We Recommend

RED CHAIN FEEDS

—as being SUPERIOR to all others!



MORE than seven years ago, we started selling RED CHAIN — the Superior Feeds to the poultry keepers and dairymen of San Antonio and vicinity.

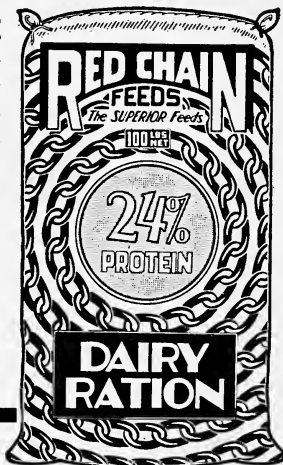
We were confident, then, that RED CHAIN was the best feed on the market because we were familiar with the ideals of Gaylord J. Stone, president of Universal Mills, and we knew that he would never compromise with quality.

The passing years have proved the outstanding superiority of RED CHAIN Feeds. Our customers, right here in San Antonio, tell us that they make larger net profits from feeding RED CHAIN, than from any other feed—regardless of price.

That's the answer to why we recommend RED CHAIN! It produces better results and larger profits for our customers—and our business grows and prospers as RED CHAIN makes more satisfied customers for us!

We have RED CHAIN Feeds for:
HORSES — COWS — PIGS — POULTRY
PIGEONS—RABBITS—SHEEP—STEERS

RED CHAIN Feeds Are Superior Feeds.



RED CHAIN EGG MASH

With Buttermilk, Dehydrated Orange Peel and Pulp.

Our experiments with dehydrated orange peel and pulp in RED CHAIN Egg Mash, and the experience of competent and successful poultrymen, show that it:

- Increased the growth of the young stock.
- Increased the health and vigor of the flock.
- Increased the profitable laying period of hens.
- Increased the egg production.
- Increased the keeping quality of the egg.
- Increased the price received per dozen for the eggs.
- Increased the fertility.
- Increased the hatchability.
- Increased the sale of brooder chicks.

POULTRY—properly bred, fed and cared for—is just as certain of returning satisfactory profits as are government bonds.

MARTIN SCREW WORM KILLER



Martin's Screw Worm Killer—Kills the worms quickly without any bad effects on the wound and assists as a fly repellent. 2½ oz. can, 25c.



FOR BLUE BUGS
MARTIN'S POULTRY TONE

Martin's Poultry Tone is a Tonic to be fed to poultry that have been exposed to blood sucking insects. Poultry that have been exposed to blood sucking insects show a loss in vitality, and in some cases the vitality of the fowl is reduced to where they become weak and in some instances can not walk. Martin's Poultry Tone is to be mixed in bran or dry mash as per directions on package. 1 lb. Pkg., 50c; 2¼ lb. Pkg., \$1.00; 5 lb. Pkg., \$1.75.

Martin's Liquid Bug Spray—A stainless insecticide with a pleasant odor used for bed bugs, roaches, mosquitoes, etc. Pints, 40c; quarts, 75c.



Cheap-paint Hum-Bug

DON'T buy cheap-per-gallon paint that saves less than \$4 for first cost, and costs \$210 more than quality paint to keep the house painted for 5 years! See the Cost Chart at this store!



—highest quality paint, gives low 5-year cost, keeps out moisture and decay, saves repair bills. See the Cost Chart.

PAINT BRUSHES

All brushes set in rubber.

MANDARIAN

1 inch	25c
1½ inches	30c
2 inches	40c
2½ inches	50c

FULTON

1½ inches	50c
2 inches	75c
2½ inches	90c

ARKAY

2½ inches	\$1.25
3 inches	1.50
4 inches	2.00

SAVABRUSH

Restores old paint brushes that are filled with dried paint, package sufficient for two moderate size brushes. Package, 10c each.

NOTE:—We carry highest grade of linseed oil, turpentine, sand paper, etc. Can supply you with any Pittsburgh product such as Roof Paint, Barn Paint, Stains, etc.



WATERSPAR QUICK DRYING ENAMEL

WATERSPAR QUICK DRYING ENAMEL is designed to meet the present day demand for a product embodying the characteristic of quick drying without the least sacrifice in the essential properties of brushing hiding, adhesion or durability.

Householders will be delighted with the ease with which it can be used, with the wonderful finish produced, and the convenience and utility imparted to it by its high speed drying. It dries for use in four hours to a very pleasing high satin gloss. It is designed chiefly for household use on furniture, toys, wagons, refrigerators, flower boxes, cabinets, interior fixtures and many similar objects. Suitable for interior floors, can be walked on in six hours. Also a splendid enamel for automobiles.

COLORS

No. 71—White.	No. 77—Cream.
No. 72—Black.	No. 78—Peacock Blue.
No. 73—Tangerine.	No. 79—Quaker Gray.
No. 74—Canary Yellow.	No. 80—Clover.
No. 75—Niagara Green.	No. 81—Walnut Brown.
No. 76—Chinese Red.	

1-32 gallon, 30c; 1-16 gallon, 55c; 1-8 gallon, \$1.00; ¼ gallon, \$1.80.

WATERSPAR VARNISH

A general all-purpose varnish suitable for inside or outside use. Colorless, brilliant and durable. WATERSPAR VARNISH is long in oil. Dries with a tough and elastic film that withstands hard usage, whether on floors, woodwork or other surfaces. Surfaces finished with it may be submerged in water month after month without turning white.

COLORS

Transparent.	No. 6—Mahogany.
No. 4—Dark Oak.	No. 11—Light Oak.
No. 5—Walnut.	

1-16 gal., 50c; 1-8 gal., 90c; ¼ gal., \$1.50; ½ gal., \$3.00; 1 gal., \$5.75.

PLASCO

READY MIXED PAINT

PLASCO is a prepared paint suitable for either interior or exterior surfaces. It is especially made to meet the demand for a paint that is priced somewhat lower than the highest quality product, but which will give satisfactory service. It works easily, covers well, has excellent body and dries with a good oil gloss in from 12 to 18 hours.

COLORS

No. 1—Light Cream.	No. 18—Light Blue.
No. 3—Straw.	No. 22—Blind Green.
No. 5—Buff.	No. 21—Lemon.
No. 11—Light Grey.	No. 30—Outside White.
No. 13—Lead Color.	No. 31—Inside Flat White.
No. 17—Nile Green.	

1-16 gallon, 35c; ¼ gallon, 95c; 1 gallon, \$3.25.

FLORHIDE ENAMEL

A Liquid Floor Enamel for Interior and Exterior Use. FLORHIDE ENAMEL is made for protecting and decorating interior and exterior floors and interior upright surfaces, wood, cement, stone, plaster or metal where a high gloss enamel finish is desired.

COLORS

No. 1—Light Yellow.	No. 8—Brown.
No. 2—Dark Yellow.	No. 9—Fawn.
No. 5—Light Drab.	No. 10—Dark Slate.
No. 6—Dirt Color.	No. 11—Dixie Gray.
No. 7—Lead Color.	

¼ gallon, \$1.10; ½ gallon, \$2.00; 1 gallon, \$3.75.

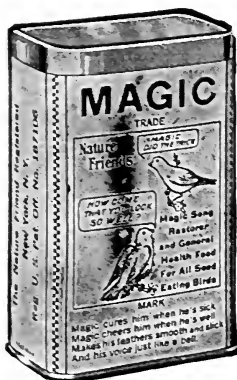
WAGON AND TRACTOR ENAMEL PAINTS

A high gloss enamel paint for use on all vehicles and exterior surfaces. The pigments are selected for fineness of particles and permanence of color. They are given the same fineness of grind as all high grade enamels. Flows freely, covers exceptionally well and dries in about 18 hours.

COLORS

No. 1—Black.	
1-16 gallon, 40c; 1-8 gallon, 65c; ½ gallon, \$1.10.	
No. 2—Green.	No. 4—Yellow.
No. 3—Vermillion.	No. 9—Gray.

1-16 gallon, 45c; 1-8 gallon, 75c; ¼ gallon, \$1.25.



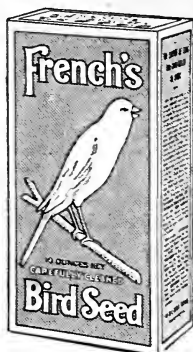
*MAGIC SONG RESTORER

THE IDEAL SONG AND HEALTH FOOD

A mixture which we are glad to recommend to our customers as producing the best results. Containing more expensive ingredients than other song restorers. Contains egg flakes unexcelled for young birds.

30c package.....25c

CANARY BIRD FEEDS



Pkt.	
French's Mixed Bird Seed.....	12c
French's Gravel.....	10c
	Lb.
Mixed Canary Seed.....	15c
Composed of Hemp, Canary, Rape and Millet.	
	Lb.
Plain Canary Seed	15c
Mixed Parrot Feed	15c
Hemp Seed	10c
Rape Seed	15c
Poppy Seed	30c
Siberian Millet Seed	10c
Sunflower Seed	15c
Cuttle Fish Bone, oz. 10c.....	65c
Canada Peas	10c

SPRATT'S BIRD REMEDIES



Spratt's Egg-Flake and Fruit.....	
1 lb. package	25c
Spratt's Mixed Bird Seed, pkgl.....	25c
Spratt's Sing Song, per tin.....	15c
2 for	25c
Spratt's Orange Color Food, pkg.....	25c
Spratt's Moulting Food, pkg.....	25c
Spratt's Cod Liver Oil Cage Bird and Nestling Food, pkg.....	15c
Spratt's Bird Lice Destroyer, pg.....	25c
Spratt's Finch Mixture.....	25c
Spratt's Parrot Mixture.....	20c
Spratt's Polli-Crackers	20c



BURNETT'S BIRD REMEDIES

Burnett's Bird Food	25c
Burnett's Louse Powder	25c
Burnett's Bird Tonic	15c
Burnett's Parrot Tonic	15c
Burnett's Bird Gravel	18c

Burnett's Salt Cat

Burnett's Parrot Seed

Mrs. Haflin's Chemical Bone Builder.....



California bred. Every bird shipped in good plumage and condition.

This is the most popular and most desirable variety for keeping in captivity. It is known throughout the world as the Budgerigar or Undulated Grass Paroquet. They are quite small birds, the body being only about the size of a canary. The tails are long and graceful, making the entire length of the bird from seven to nine inches. The color is a beautiful shade of light green, handsomely mottled with dark green, yellow and with spots of blue on the head.

Pair

PHILADELPHIA BIRD FOOD CO.

Red Manna, each, 15c; 2 for.....	25c
Red Gravel, small size.....	15c
Red Gravel, large size.....	25c
Silver Gravel, small size.....	15c
Silver Gravel, large size.....	25c
*Mocking Bird Food	40c
*Bird Bitters	25c
*Song Restorer Drahotas	25c
*Mite Powder for birds.....	25c
Nesting Hair in boxes.....	10c
Nesting Food, box	25c
*Orange color food	25c
*Moulting Pepper	25c



MEXICAN DOUBLE YELLOW-HEAD PARROTS



The best of the parrot family when properly trained. The birds should be bought when they are young and trained as one desires them to talk. Old birds do not learn to talk readily. Trained birds are very much more expensive than the untrained, yet they are comparatively easy to train.

July and August
Birds, Each

September and October Birds, Each

HALLERS BIRD REMEDIES



Scaly Leg Oil	25c
Feather Restorer	25c
Health Food	25c
Cuttle Bone and Holder.....	10c
*Song Restorer	25c
Bird Cage Wash	25c
Bird Bath	25c
Parrot Tonic	25c
Bird Nesting	10c
Mocking Bird Food	35c
Lice Powder	25c
Bird Pie, 15c, 2 for.....	25c
Moulting Food	25c
Bird Bitters	25c

For Prompt Service Add Sufficient Postage for Delivery. (See page 1.)

CANARIES

"There is nothing more cheerful and pleasing than a sweet singing canary."

St. Andreasberg Rollers and Hartz Mountain Females

Grade 1	\$10.00	Grade 1	\$ 2.00
Grade 2	8.00	Grade 2	\$ 1.50
Grade 3	7.00		

F. O. B. San Antonio.

REMEMBER, if you are not satisfied with any bird you may purchase from us, return it and we will replace with another.

Bird Cages and Stands

BIRD CAGE STANDS

- No. 55—Duco Half Moon, height 5 ft. 5 inches.....\$2.50
- No. 36—Duco Full Moon, height 5 ft. 5 inches..... 3.00
(Colors—Red and black, green and black, blue and gold.)
- No. 29—Two Tone, Brass Half Moon..... 3.75
- No. 30—Two Tone, Brass Full Moon..... 4.50
(Colors—Red, blue and green.)

BIRD CAGES—ALL BRASS

- No. 2625, Diameter 10¼ inches, Height 12 inches. Price.....\$2.75
- No. 7004, Diameter 9¼x6¾ inches, Height 12¼ inches. Price.... 3.25
- No. 1275, Diameter 11 inches, Height 13¾ inches. Price..... 3.75
- No. 2275, Diameter 11 inches, Height 14 inches. Price..... 3.75

BRASS—TWO TONE

Brass Body. White or Colored Cups, Wire Seed Guard, Colored Base and Top in Red, Green or Blue.

- No. 2274, Diameter 10¼ inches, Height 13 inches. Price.....\$3.25
- No. 585, Diameter 10¼ inches, Height 14 inches. Price..... 3.60
- No. 485, Diameter 10¼ inches, Height 14 inches. Price..... 3.60
- No. 2275, Diameter 11 inches, Height 14 inches. Price..... 3.75
- No. 3274, Diameter 10¼ inches, Height 14 inches. Price..... 3.75
- No. 3275, Diameter 11 inches, Height 15 inches. Price..... 4.25

BRASS—TWO COLOR

Green and black, blue and gold, red and black.

- No. 4274, Diam. 10¼ in. Ht. 14½ in. Price.....\$3.75
 - No. 2274, Diam. 10¼ in. Ht. 14 in. Price..... 4.00
 - No. 2276, Diam. 11 in., Ht. 14½ in. draw base. Price... 5.00
 - No. 686D, Diam. 11 in., Ht. 14 in., drawer base..... 5.50
 - No. 2066, Diam. 11 in., Ht. 14 in., solid color..... 5.00
 - No. 2040, Diam. 10 in., Ht. 18¼ in. Price..... 8.75
 - No. 2045, Diam. 10 in., Ht. 18 in. Price..... 9.25
 - No. 2030, Diam. 10 in., Ht. 17½ in. Price.....10.00
- All Cages Complete with cups, perches, etc., as illustrated.

TRAVELING CAGES

- No. 91, Diam. 7½x5½, Ht. 5½ in. Square Japanned.\$1.75
- No. 91½, Diam. 7 in., Ht. 6½ in. Round Japanned... 2.00

PARROT CAGES

- No. 70, Diam. 12 in., Ht. 20 in. Tinned Wire.....\$6.00
- No. 80, Diam. 14 in., Ht. 23 in. Tinned Wire..... 7.50
- No. 85, Diam. 15½ in., Ht. 24 in. Tinned Wire..... 8.50

BREEDING CAGES

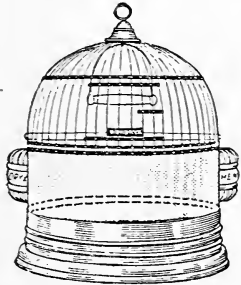
- No. 86S, Diam. 17¼x8¾ in., Ht. 14 in.....\$5.00
- No. 86, Diam. 19½x10 in., Ht. 14¾ in..... 5.50
- No. 87, Diam. 22x11 in., Ht. 16½ in..... 6.00
- No. 88, Diam. 24x12½ in., Ht. 17 in..... 7.00

CAGE SUPPLIES

- Canary Bath House, each.....\$0.75
- Egg Food Cup, each05
- Opal Bath Tubs, 4½ inches, each..... .20
- Opal Bath Tubs, 5¼ inches, each..... .25
- Wall Brackets, nickel, 12 inches, style Q, each..... .20
- Wall Brackets, Brass, 12 in., style I, each..... .25
- Cage Springs, medium, No. 16, each..... .15
- Small, No. 145, each10
- No. 282, Brass chains and springs, each..... .30
- Feed Cup, Opal. Open or closed top, each..... .15
- Feed Cup, Crystal. Open or closed top, each..... .15
- Non-Breakable Feed Cups25
- Bird Nests, Hendryx15
- Bird Nests, Lindemann10
- Nesting Hair10
- Perch Stock, per foot10
- Leg Bands, each01
- Cage Swings10
- Spratt's Mite Traps25



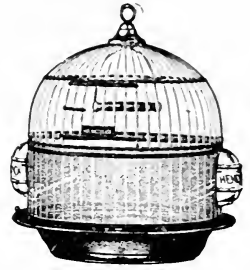
No. 55
Half Moon



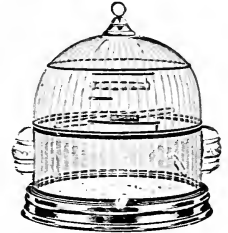
No. 4274



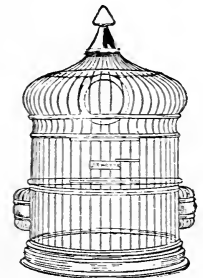
Nos. 70, 80, 85 Parrot Cages



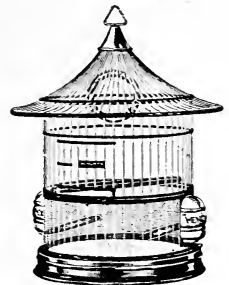
No. 1275



No. 2274



No. 2040



No. 2030



Dog Supplies

DOG COLLARS



- No. 1002—Smooth Grain Leather, Lock Tongue Buckle, Nickel Name-plate, $\frac{5}{8}$ in. wide, sizes 12 to 16 inches.....\$0.35
- No. 305—Smooth Grain Leather, Assorted Colors, Felt Lined, Plain Buckles, Nickel Trimmings, sizes 9 to 12 inches, $\frac{3}{8}$ in wide..... .60
- No. 302—Smooth Grain Leather, Assorted Colors, Nickel and Brass Trimmings, Lock Tongue Buckles, $\frac{3}{4}$ in. wide, Felt Lined, $1\frac{1}{4}$ in. wide, unlined, sizes 13 to 19 inches..... .75
- No. 1005—Smooth Grain Leather, Lock Tongue Buckle, Nickel Name-plate, $1\frac{1}{4}$ in. wide, sizes 19 to 23 inches..... .75
- No. 301—Smooth Grain Leather, Assorted Colors, Nickel and Brass Trimmings, Lock Tongue Buckles, Lined and Unlined, $\frac{7}{8}$ to $1\frac{1}{4}$ in. wide, sizes 15 to 21 inches..... 1.00

SPRATT'S COLLARS

- Smooth Grain Leather, Lock Tongue Buckle. Brass Nameplate.
- No. 16— $\frac{1}{2}$ inch wide, sizes 12 to 15 inches.....\$0.75
 - No. 17— $\frac{5}{8}$ inch wide, sizes 12 to 16 inches..... .85
 - No. 18— $\frac{3}{4}$ inch wide, sizes, 14 to 18 inches..... .95

DOG HARNESS

- No. 400—Smooth Grain Leather, Assorted Colors Felt Lined, Nickel and Brass Trimmings, $\frac{3}{8}$ inch wide, 14-16-18 inch Body Strap.....\$1.00
- No. 425—Smooth Grain Leather, Chamois Colored Lining, Two Nickel Bells, Nickel Trimmings, Colors, Green, Red and Russet, $\frac{3}{8}$ in. wide, 16-18-20 inch Body Strap 1.75
- No. 3611—Smooth Grain Leather, Colors, Red and Green, Nickel and Brass Trimmings, $\frac{1}{2}$ inch wide, 17-19-21 inch Body Strap 2.40
- No. 3612—Smooth Grain Leather, Nickel and Brass Trimmings, $\frac{5}{8}$ inch wide, 20-22-24 in. Body Strap 2.70
- No. 3613—Smooth Grain Leather, Nickel and Brass Trimmings, $\frac{3}{4}$ inch wide, 24-26 inch Body Strap 3.00
- No. 408—Double Stitched Russet Grain Leather, Brass Trimmings, 1 inch wide, 28-30-32 inch Body Strap 3.50
- No. 3614—Smooth Grain Leather, Nickel and Brass Trimmings, 1 inch wide, 30-32-34 in. Body Strap 4.20
- No. 416—Double Stitched Russet Grain Leather, Hand Sewed Joints, Brass Trimmings, $1\frac{1}{4}$ inch wide, 32-34-36 inch Body Strap..... 7.00

DOG CHAINS

- No. 501—Light Twisted Link Chain, 4 ft. long.....20c
- No. 500—Small Link Chain, 4 ft. long.....20c
- No. 511—Small Link Chain, 4 ft. long.....25c
- No. 502—Twisted Link Chain, 4 ft. long.....30c
- No. 3—Small Flat Link Chain, Nickel Plated, 4 ft. long30c
- No. 4—Small Wire Chain, Nickel Plated, 4 ft. long.....30c
- No. 5—Medium Size Wire Chain, Nickel Plated, 4 ft. long35c
- No. 520—Heavy Tie Chain, 6 ft. long70c

DOG LEADS

- No. 6032—Hand Braided Grain Leather Lead, Colors, Red or Blue, Nickel Swivel Snap, 4 ft. long.....75c
- No. 26—Heavy Hand Braided Grain Leather Lead, Nickel Swivel Snap, 4 ft. long.....\$1.00

DOG COUPLERS

- No. 1—Spratt's Coupler, Swivel Snaps, 1 ft. long....\$1.10
- No. 2—Spratt's Coupler, Swivel Snaps, 2 ft. long.... 1.40
- No. 3—Heavy Coupler with Swivel Snaps, 3 ft. long .60
- No. 4—Heavy Coupler with Swivel Snaps, 4 ft. long 1.10

DOG SWEATERS

- 50 per cent Wool, Worsted Dog Sweaters, Assorted Colors, Sizes 8 to 20 inches\$2.00
- All Wool Worsted Dog Sweaters, Assorted Colors, Sizes 8 to 20 inches 3.00

DOG BLANKETS

- Woolen Dog Blankets, Assorted Colors, Sizes 10 to 18 inches\$3.00

DOG MUZZLES

- No. 694—Wire Muzzle with Leather Straps, 3 sizes...50c

CARRYING CASES

- Matting Carrying Case, size 17 inches.....\$2.50

DOG ACCESSORIES

- Dog Collar Padlocks, Brass\$0.35
- Aluminum Dog Comb, Coarse, Medium or Fine, ea. 1.00
- Spratt's Dog Brush, Steel Bristles in Rubber Back 2.00
- Dog Brush, Hair Bristles, Set in Wooden Back.... 1.00
- Stripping Comb 2.00
- Police or Dog Whistle40
- Rubber Imitation Bone50

NITRATE OF SODA

1000 pounds of Nitrate of Soda will furnish more nitrogen to the plants early in the Spring than the gardener can get from 100 tons of well-rotted stable manure. The stable manure may held furnish nitrate for his later crop, but for his early crops the gardener who fails to use Nitrate of Soda is blind to his own interest. Nitrate of Soda is usually applied at the rate of 100 to 200 pounds per acre of land previously dressed with barnyard manure. To secure an even distribution the Nitrate should be well mixed with from three to five parts of loam or sand.

Price per 100 pounds, \$4.50, f. o. b. San Antonio.

DOG REMEDIES



***GLOVER'S DOG REMEDIES**

*Glover's Mange Medicine .....	.65c
*Glover's Nerve Sedative .....	.65c
*Glover's Sore Foot Medicine .....	.65c
*Glover's Diarrhoea Medicine .....	.65c
*Glover's Vermifuge .....	.65c
*Glover's Worm Capsules .....	.65c
*Glover's Sulphur Tablets .....	.65c
*Glover's Medicated Soap .....	.25c
*Glover's Condition Pills .....	.65c

Sergeant's

DOG MEDICINES

*Run-Fit Medicine	\$2.00
*Distemper Medicine	1.20
*Mange Medicine .....	.60
*Mange Medicine (no tar odor) .....	.75
*Condition Pills .....	.60
*Sure Shot Capsules for worms .....	.60
*Sure Shot Liquid for worms .....	.60
*Tape Worm Medicine .....	.60
*Arsenate and Iron Pills .....	.60
*Canker Wash for the ear .....	.60
*Well Mouth for sore mouth .....	.60
*Pepsin Tablets for indigestion .....	.60
*Diarrhoea Medicine .....	.60
*Cough Medicine for colds .....	.60
*Rheumatic Pills .....	.60
*Dog Rub, a liniment .....	.60
*Eye Wash .....	.60
*Constipation Capsules .....	.60
*Carbolic Tar Soap .....	.25
*Skip Flea Soap for fleas and lice .....	.25
*Skip Flea Powder .....	.25
*Puppy Worm Capsules .....	.60
*Shampoo Soap .....	.25
*Disinfectant, 4 oz. bottle .....	.25

***DELCREO DOG REMEDIES**



*Delcreo Tape Worm Tablets	\$0.75
*Delcreo Tonic and Conditioner .....	.75
*Delcreo Eye Lotion .....	.60
*Delcreo Vermifuge .....	.60
*Delcreo Sulphur Compound	1.00
*Delcreo Laxative .....	.35
*Delcreo Distemper	1.50

*Delcreo Worm Tablet .....	.65
*Delcreo Worm Tablets, toy dogs .....	.65
*Delcreo Ointment .....	.50



***Q-W DOG REMEDIES**

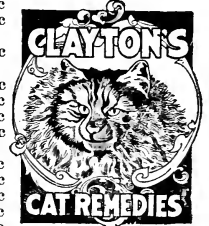
*Q-W Flea Powder	\$1.00
*Q-W Mange Soap	1.00
*Q-W Condition Powder	1.00
*Q-W Flea Oil and Coat Grower	1.00
*Q-W Mange Lotion	1.00
*Q-W Distemperol	2.00
*Q-W Eye Salve	1.00
*Q-W Diarrhoea and Dysentery Tablets	1.25
*Q-W Fit and Sedative Tablets	1.25
*Q-W Red Blood Builder	1.00
*Q-W Worm Mixture	1.00
*Q-W Constipation Pills	1.00
*Q-W Tape Worm Mixture	1.00
*Q-W Ear Canker Lotion	1.25
*Q-W Worm Capsules .....	.45
*Q-W Healing Salve	1.00

***CLAYTON'S DOG REMEDIES**



*Kill Flea Powder	35c
*Kill Flea Soap	25c
*Ceoline Dog Soap	25c
*Condition Pills	60c
*Puppy Tonic	60c
*Distemperine	60c
*Distemperine Tablets	60c
*Worm Bullets	60c
*Worm Pills	60c
*Diarrhoea Tablets	60c
*Blood Pills	60c
*Vermifuge Capsules	60c
*Vermifuge Liquid	60c
*Tape Worm Expeller	60c
*Mange Medicine	60c
Digestive Tablets	60c
Laxative Pills	60c
Canker Lotion	60c
Fit Remedy	60c
Skin Medicine (toy dogs)	60c
Cod Liver Oil with Hypophosphates of Lime & Soda	1.00

***CLAYTON'S CAT REMEDIES**



*Cat Mange Remedy	60c
*Cat Distemperine Tablets	60c
*Cat Tonic Catnip Condition Tablets	60c
*Cat Blood Purifying and Cooling	60c
*Cat Laxative Tablets	60c
*Cat Digestive Tablets	60c
*Cat Worm Tablets	60c
*Cat Tape Worm Expeller Tablets	60c
*Cat Vermifuge, (liquid)	60c
*Cat Canker Lotion Tablets	60c
*Cat Fit Tablets	60c
*Cat Diarrhoea Tablets	60c
*Cat Wash and Disinfectant	25c
*Cat Mouth Wash	60c
*Cat Eye Lotion	60c
*Cat Cough Remedy	60c
*Cat Soap	25c

McCLELLAN'S DOG REMEDIES

McClellan's Dog Shampoo	\$0.50
McClellan's Flea Powder .....	.50

Notice: All Dog Remedies Postpaid. All Dog Foods, F. O. B. San Antonio, Texas.

Sergeant's DOG FOOD

Sergeant's Dog Bread—Lb. 15c; 2 lbs. 25c; 100 lbs. \$10.50.	
Spratt's Fibo	Lb. 20c; 2 lbs. 35c; 100 lbs. \$16.00
Spratt's Dog Bread	Lb. 15c; 100 lbs. \$13.00
Spratt's Cod Liver Oil Cake	Lb. 20c; 2 lbs. 35c
Spratt's Ovals	Lb. 15c; 100 lbs. \$14.50
Rose's Dog and Puppy Meal	Lb. 10c; 100 lb. \$7.00
Rose's Red-Ration	Each 15c; 2 for 25c
Ken-L-Ration	Each, 15c; 7 for \$1.00
Hemo-Ration	Each, 15c; 7 for \$1.00
Pup-E-Ration	Each, 20c
Calo Dog Food	Each, 15c; 7 for \$1.00
Bennett's Dog Food	Pkg. 40c
Bennett's Puppy Food	Pkg. 40c
Bennett's Junior	Pkg. 35c

CAT FOOD

Calo Cat Food, 6 oz. can	10c
Kit-E-Ration, 6 oz. can	19c
Kit-E-Ration, 16 oz. can	20c
Spratt's Cat Food—1 lb., 8 oz.	Each, 30c

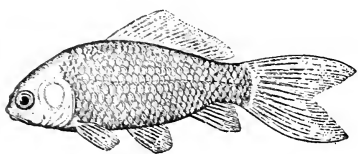
CATNIP

Loose Pressed Catnip	Oz. 10c
Catnip Mice	Each, 15c

FREE DOG BOOK

Polk Miller's famous book on the care, feeding and breeding of dogs will be sent free to all dog owners and dog lovers.

Fish and Supplies



FISH

A Fascinating Gift COMMON GOLDFISH

Small. Each\$0.15
Medium. Each25

COMETS

Similar to Common, except that the tails are almost as long as the body. Very beautiful.

Small. Each\$0.25
Medium. Each35

FANCY FANTAILS

Similar to Telescopes, except eyes which are like Goldfish.

Small. Each\$0.40
Medium. Each50

Add 25c extra for shipping can.

PINK BELLIED JAPANESE NEWTS

Resemble a lizard. Live in water, aquarium scavengers, about 4 in. long. Each40c



FISHING BOYS

Each50c
Postage 10c extra



583

CASTLES



602

3 in. high. Each\$0.20
4 in. high. Each .30
5 in. high. Each .40
No. 583, 6 in..... .75

SHELLS



596

Colored shells,
Per box15c
Colored Pearl
Chips, Lb. 15c
Sand, per box.....15c
Snails, each 10c, 25c



COMMON SENSE BOWLS

Style A—Bowl is stronger and less liable to breakage. These bowls are hand made and annealed after molding.

1 gallon Fish Bowl. Each.....\$0.55
2 gallon Fish Bowl. Each..... 1.00
3 gallon Fish Bowl. Each..... 2.00

SQUAT GLASS BOWLS

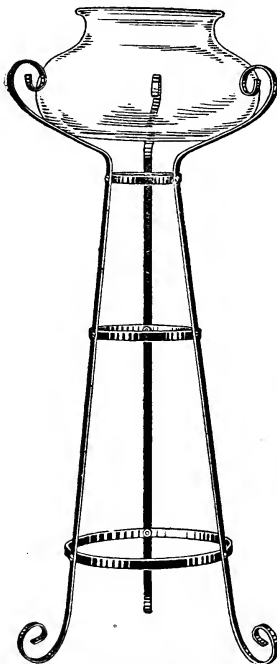
1/2 gal. Round Squat Bowl. Each..\$0.35
1 gal. Round Squat Bowl. Each .55
2 gal. Round Squat Bowl. Each 1.00
3 gal. Round Squat Bowl. Each 2.00

COLORED GLASS BOWLS

Colors—Blue, Green and Canary.
1 1/2 gallon Colored Glass Bowl.
Each\$1.50

SQUARE AQUARIUM

Steel frame aquarium with electrically welded corners. Bottoms of heavy glass. The sides are selected crystal glass. It has improved feet of great strength and perfectly leveled, standing solidly on a level surface. Finished in green with gold striping.
No. 103—4.8 gal. 14x8x10. Each.\$6.00



AQUARIUM STANDS

Aquarium Stands

Each\$1.60

MOSS

or Aquarium Plants

Per Bunch10c
Not Mailable

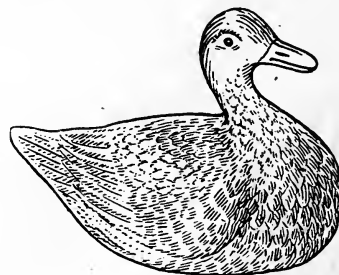


COLORED BISQUE MERMAIDS

Each35c, 50c, 75c
Postage 10c extra.

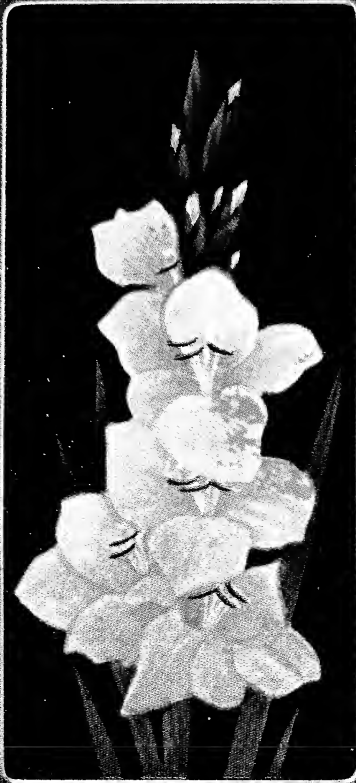
FISH FOODS

Burnett's Wafer10c
Burnett's Granulated10c
Spratt's Granulated10c
Zeke Turtle Food10c
Spratt's Ant Eggs25c
TamafuOz. 20c



CELLULOID FIGURES

Frogs. Each10c
Turtles. Each10c
Ducks. Each10c
Lobsters. Each10c



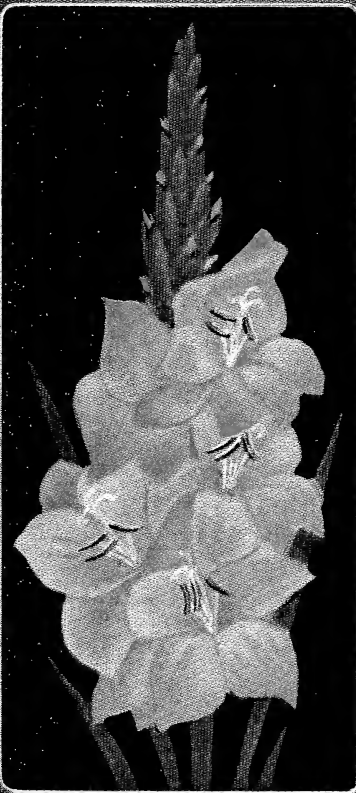
Champion



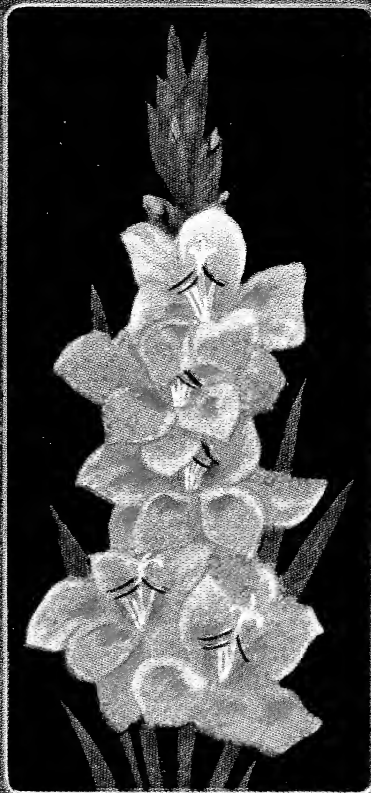
Crystal



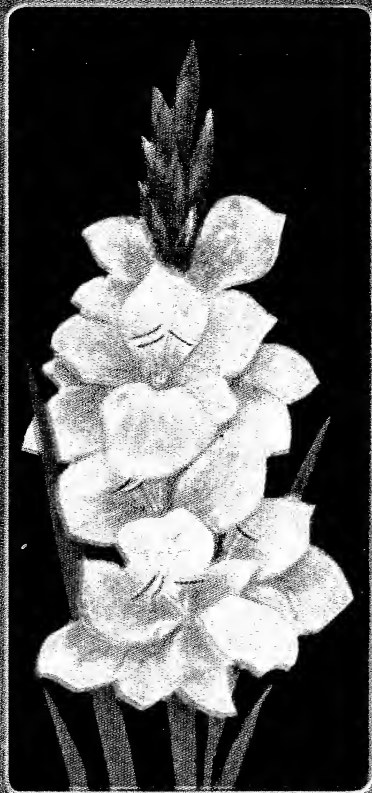
Emile



Halley

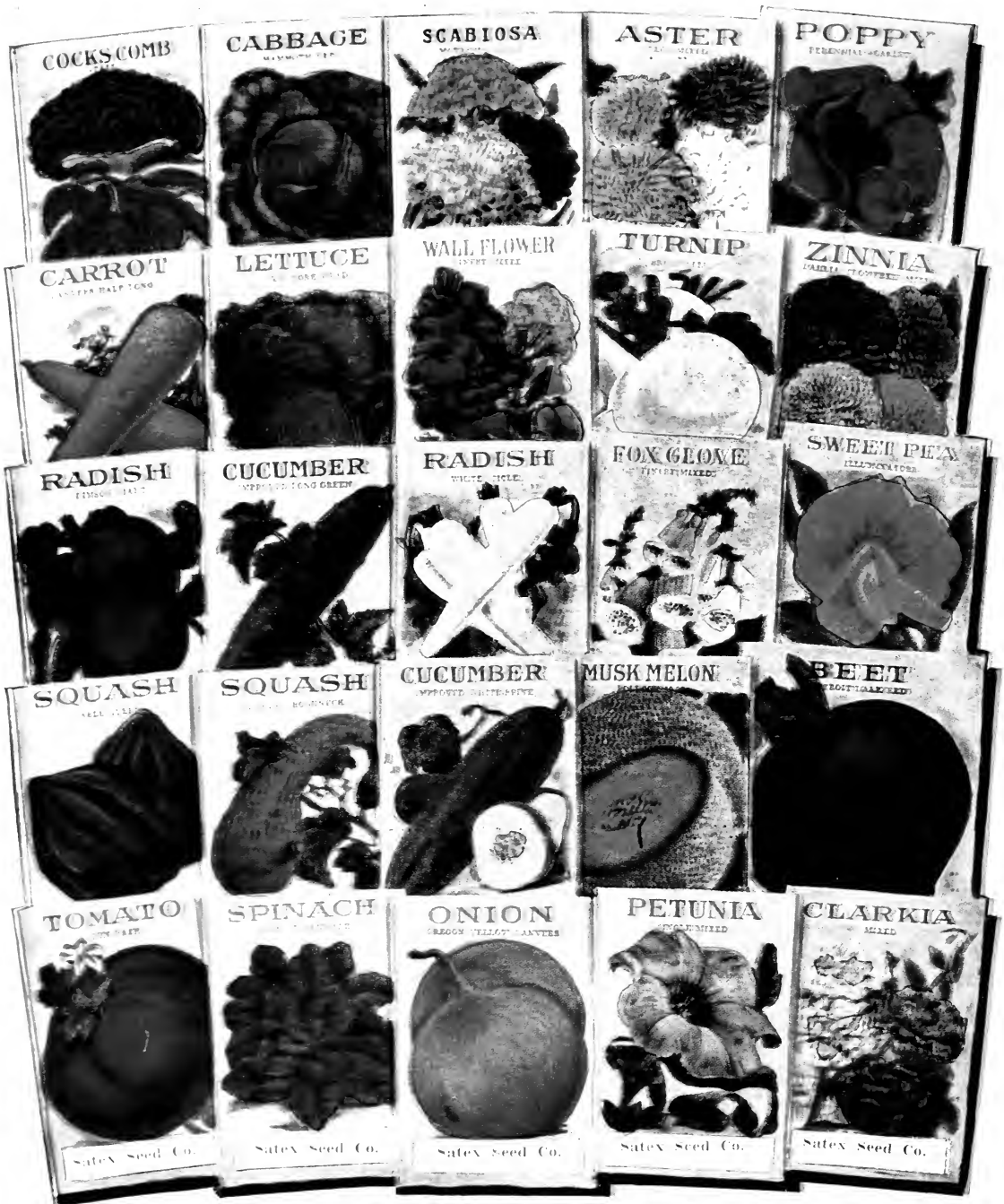


Pendleton



Pence

FOR PRICES AND DESCRIPTION OF GLADIOLI BULBS, SEE PAGE 15.



Better Packet Seeds

Our packets and cartons are put up for the gardener who uses only a small quantity of each variety. It is important that his planting should produce the maximum yield of high quality vegetables, if his garden is a success.

Our packets are prepared from highly selected seed stocks, with a strong vitality, and if given favorable growing conditions, will give you excellent returns. It is not the size of the packet or the lithograph that makes the crop, but The Seed Inside the Packet that counts.

Prices Consistent With Quality

SATEX SEED COMPANY

529 S. Flores Street

SAN ANTONIO, TEXAS