

Historic, Archive Document

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



72.15

LIBRARY
RECEIVED
★ MAR 23 1928 ★
U. S. Department of Agriculture.



1878 Fiftieth Anniversary 1928

1928
CATALOGUE OF
FIELD and GARDEN
SEEDS

Fertilizers Implements
Incubators and Brooders

POULTRY SUPPLIES

Sprayers
Spraying Materials

The Philips-Thompson
Company

Fourth and French Streets
Wilmington - Delaware



To Our Customers :

It is our desire to execute orders with the best of attention and to serve our patrons promptly. At certain "rush" seasons delays are sometimes unavoidable, and this is especially true in the seed and implement department during the Spring months, particularly on Wednesdays and Saturdays—"market days." At such times we cannot undertake to fill general orders for seeds right over the counter, and our customers will save themselves many annoying delays if they will go through our price list and, as far as possible, make up their general order of seeds and put it into our hands at least a week before delivery is wanted. In this way the order will receive more careful attention, be packed, and marked for delivery to the customer at such time as he may specify. ORDER EARLY.

DELIVERIES. We make no charge for delivery of general orders to customers within the City and to the Freight Stations for shipment to outside points, the purchaser paying the freight charges.

PARCEL POST. No extra charge for postage on small Vegetable Seeds at prices in this List by the ounce, quarter-pound and pound; but for Peas, Beans, Corn, Onion Sets and other goods add 8 cents for the first pound and 1 cent for each additional pound, or 10 cents for the first quart and 2 cents for each additional quart, to cover cost of mailing.

QUANTITY BASIS. Half-pound (of one variety) sold at pound rate, $\frac{1}{2}$ pecks at peck rate, $\frac{1}{2}$ bushels at bushel rate.

NON-WARRANTY. While we use great care to procure seeds of high germination and purity, and those true to name, there are so many conditions of planting and growing beyond our control, we give no warranty, express or implied, as to description, quality, or productiveness of the seeds we offer and cannot be responsible in any way for results. If the purchaser is not willing to accept them under these conditions they should be returned immediately in the original package.



Price List for 1928

FOR THE HOME GARDEN



which by reason of limited space is restricted in the number of varieties to be selected we especially recommend the following:

- BEANS—Giant Snap-Short, Prolific Black Wax, Fordhook Bush Lima, Dreer's Improved Pole Lima.
 PEAS—Wonderful, Peter Pan, Gradus.
 CORN—Genesee Early Sugar, Evergreen, Golden Bantam.
 BEET—Lightning Blood, Genesee Early Wonder, Detroit Dark Red.
 CABBAGE—Jersey Wakefield, Danish Ballhead.
 CARROT—Genesee Coreless, Genesee Half-long.
 CELERY—Improved White Plume, Winter Queen.
 CUCUMBER—Early Fortune, Davis Perfect.
 EGG PLANT—Genesee Early Beauty.
 KALE—Dwarf Siberian
- LETTUCE—Genesee Early Curled, Big Boston, Genesee Wonderful.
 MUSKMELON—Fordhook, Hearts of Gold.
 WATERMELON—Genesee Sweet, Tom Watson.
 ONION—Genesee White Globe, Yellow Prizetaker.
 PARSNIP—Genesee Large Sugar.
 PEPPER—Genesee Mammoth.
 PUMPKIN—Improved Cushaw, Sweet Potato.
 RADISH—Genesee Early Forcing, Scarlet Turnip (white tipped), Genesee White Box, Icele, Celestial.
 SQUASH—Silver Custard, Red Hubbard.
 TOMATO—Bonny Best, Scarlet Beauty, Stone.
 TURNIP—Impr. P. T. White Globe, Golden Ball.

PLEASE READ paragraphs "TO OUR CUSTOMERS" on opposite page regarding Deliveries, Parcel Post Rates, etc.

BEANS—DWARF GREEN-POD

	Qt.	Pk.	Bus.
Bountiful Extra Early, oval pod	\$.60	....	.....
Genesee Extra Early, round pod	.50	\$3.50	\$12.50
Giant Snap-Short, round pod	.50	3.50	13.00
Early Red Valentine, round pod	.50	3.25	12.00

BEANS—DWARF WAX-POD

Genesee Kidney Wax, round pod	.60	4.00	....
Genesee Golden Wax, flat pod..	.50	3.30	12.00
Prolific Black Wax, round pod..	.50	3.50	13.00

LIMA BEANS—DWARF OR BUSH

Fordhook Bush Lima .....	.60	4.25	15.00
New Century Bush Lima .....	.60	4.25	15.00

BEANS—POLE

Genesee Early Evergreen Lima..	.60	3.50	12.00
Dreer's Improved Pole Lima	.60	3.50	12.00
King of the Garden Lima ....	.60	3.50	12.00
Kentucky Wonder, green pod ....	.50	3.50	....

WINTER SHELL BEANS

Boston Navy or Pea Bean .....	.35	2.50	9.00
Large White Marrow .....	.40	2.75	10.00

PEAS—EXTRA EARLY

	Qt.	Pk.	Bus.
Genesee Extra Early, 2 ft.	\$.35	\$2.50	\$9.00
Improved Alaska, 2 ft.....	.35	2.50	9.00
Wonderful, 2½ ft. ....	.35	2.50	9.50

PEAS—SECOND EARLY

Excelsior, 15 in. ....	.40	2.80	10.00
Genesee Gem, 18 in. ....	.35	2.60	9.50
Gradus, 2 ft. ....	.35	2.60	9.50
Thomas Laxton, 2 ft. ....	.40	2.80	10.00
Peter Pan, 18 in. ....	.45	3.00	....
Laxtonian, 18 in. ....	.45	3.00	....

PEAS—MAIN CROP

Genesee Advancer, 2 ft... ..	.35	2.50	9.50
Genesee Champion, 21 in. ....	.40	2.80	10.00
Dwarf Telephone, 21 in... ..	.40	2.80	10.00
Mam. Sugar Mar. 3½ ft. ....	.35	2.50	9.50
Telephone, 4 ft. ....	.35	2.50	9.50

SUGAR CORN

Genesee Extra Early ....	.30	2.20	8.00
Kendel's Early Giant ....	.30	2.20	8.00
Howling Mob .....	.30	2.20	8.00
Golden Bantam .....	.30	2.25	8.50
Golden Giant .....	.30	2.20	8.00
Country Gentleman .....	.30	2.20	8.00
Improved Evergreen .....	.30	2.20	8.00
Stowell's Evergreen .....	.25	1.90	7.00

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ASPARAGUS

	Oz.	¼ lb.	lb.
Genesee Thick-Stem	\$.10	\$.30	\$1.00
Barr's Mammoth .....	.10	.25	.75
Palmetto .....	.10	.25	.75
Giant Argenteuil .....	.10	.25	.75
Mary Washington, pedigreed..	.20	.60	2.00

ASPARAGUS ROOTS

(See page 4).

BEEETS FOR TABLE

	Oz.	¼ lb.	lb.
Genesee Early Wonder .....	.10	.35	1.00
Lentz Blood .....	.10	.30	.90
Extra Early Eclipse .....	.10	.30	.80
Crosby's Ex. Early Egyptian ..	.10	.30	.90
Early Bassano, light color....	.10	.30	.80
Detroit Dark Red .....	.10	.35	1.00
Crimson Globe .....	.10	.30	.80
Half-Long Blood .....	.10	.30	.80
Swiss Chard .....	.10	.30	.80

BEEETS FOR STOCK

(10 lbs. or more 40c per lb.)

Genesee Improved Sugar .....	.20	.50	
Golden Giant Mangel .....	.20	.50	
Red Giant Mangel .....	.20	.50	

BRUSSELS SPROUTS

Improved Half-Dwarf20	.60
---------------------------	-----	-----	------

CABBAGE

Sel. Early Jersey Wakefield..	.25	.80	2.75
Early Winningstadt .....	.20	.70	2.50
Charleston or Large Wakefield	.25	.80	2.75
Copenhagen Market .....	.25	.85	3.00
Early Flat Dutch .....	.25	.75	2.50
Early Summer .....	.25	.75	2.50
Surehead .....	.25	.75	2.50
Danish Ballhead (short stem)	.25	.80	2.75
Perfect Late Flat Dutch .....	.25	.75	2.50
Perfect Late Drumhead .....	.20	.60	2.00
Genesee New Savoy .....	.25	.75	2.50
Mammoth Rock Red .....	.25	.75	2.50

CARROT

Genesee Early Coreless .....	.10	.35	1.00
Selected Early Scarlet .....	.10	.35	1.00
Genesee Half-Long .....	.10	.35	1.00
Genesee Thick-Set .....	.10	.35	1.00
Improved Long Orange .....	.10	.35	1.00
Guerande or Oxheart .....	.10	.35	1.00

CAULIFLOWER

	¼-pkt.	Pkt.	Oz.
Genesee Early Prize	\$.10	\$.25	\$2.25
Early Snowball .....	.10	.25	2.25

CELERY

	Oz.	¼ lb.	Lb.
Improved White Plume	\$.25	\$.85	\$3.00
Golden Self-Blanching .....	.50	1.60	5.75
Genesee Giant .....	.25	.75	2.75
Winter Queen .....	.25	.70	2.50
Giant Pascal .....	.25	.75	2.75
Flavoring .....	.10	.20	.50

CORN SALAD

Large Seeded15	.40	1.25
--------------------	-----	-----	------

CUCUMBER

Early Fortune .....	.15	.40	1.25
Improved White Spine .....	.15	.40	1.25
Improved Long Green (dark)	.15	.40	1.25
Davis Perfect Long Green (light)	.15	.40	1.25
Green Prolific (short green)..	.15	.40	1.25
Genesee Pickle .....	.10	.30	1.00
Gherkin or Burr .....	.15	....	....

EGG PLANT

Early Black Beauty .....	.40	1.40	5.00
New York Impr. Large Purple	.40	1.35	4.75

ENDIVE

Improved Green Curled .....	.15	.40	1.25
Broad Leaf .....	.15	.40	1.25

KALE (Dwarf)

Siberian (German Greens)....	.10	.25	.80
Green Curled Scotch .....	.10	.25	.80

KOHLRABI

Early White Vienna20	.60	2.00
--------------------------	-----	-----	------

LEEK

American Flag20	.60	2.00
---------------------	-----	-----	------

LETTUCE

Genesee Early Curled .....	.15	.40	1.25
Grand Rapids .....	.15	.40	1.25
*Big Boston .....	.15	.40	1.25
*Genesee Wonderful .....	.15	.50	1.50
*Improved Hanson .....	.15	.40	1.25
*Genesee Iceberg .....	.15	.50	1.50
Romaine or Cos .....	.15	.40	1.25

(Head lettuce marked *)

**MUSKMELON or
CANTALOUPE**

	Oz.	¼ lb.	Lb.
Improved Jenny Lind	\$1.10	\$1.40	\$1.25
Fordhook .....	.15	.40	1.25
Rocky Ford .....	.10	.30	1.00
Hearts of Gold .....	.15	.40	1.25
Honey Dew, green flesh ..	.15	.50	....
Paul Rose .....	.10	.30	1.00

WATERMELON

Genesee Sweet .....	.10	.25	.80
Improved Dixie .....	.10	.25	.80
Kleckley Sweet .....	.10	.25	.80
Tom Watson .....	.10	.25	.80
Round Light Icing .....	.10	.25	.80
Colorado Preserving Citron ..	.10	.25	....

MUSTARD

White London10	.25
--------------------	-----	-----	------

OKRA OR GOMBO

Dwarf Green Prolific .....	.10	.25	.75
Perfected Mammoth Pod ....	.10	.25	.75

ONION

Improved Silverskin .....	.25	.85	3.00
Genesee White Globe .....	.35	1.00	3.50
Genesee Yellow Globe .....	.25	.75	2.75
Yellow Globe Danvers .....	.25	.75	2.75
Mammoth Yellow Prizetaker ..	.30	.80	3.00

ONION SETS (See page 4)

PARSLEY

Genesee Moss Curled10	.25	.75
---------------------------	-----	-----	-----

PARSNIP

Genesee Large Sugar .....	.10	.25	.75
Hollow Crown .....	.10	.25	.75

PEPPER

Bullnose (Pungent) .....	.30	1.00	3.50
Ruby King (Sweet) .....	.30	1.00	3.50
Genesee Mammoth (Mild) ..	.60	2.00	....
Long Red Cayenne (Hot) ..	.30	1.00	....

PUMPKIN

Genesee Sweet Potato .....	.15	.40	1.25
Improved Cushaw .....	.15	.40	1.25
Yellow Crookneck .....	.15	.40	1.25
Genuine Mammoth .....	.15	.40	1.25
Winter Luxury .....	.10	.30	1.00
Connecticut Field .....	.10	.25	.75

RADISH—RED VARIETIES

	Oz.	¼ lb.	Lb.
Genesee Early Forcing	\$1.10	\$1.35	\$1.10
Vick's Scarlet Globe .....	.10	.25	.80
Scarlet Turnip, white-tipped..	.10	.25	.80
French Breakfast .....	.10	.25	.80
Crimson Giant .....	.10	.25	.80
Long Bright Scarlet .....	.10	.25	.80
Chartiers Improved .....	.10	.25	.80
China Rose Winter .....	.10	.25	.80

RADISH—WHITE VARIETIES

Genesee White Box .....	.10	.25	.80
Genesee Icicle .....	.10	.25	.80
Large White Globe .....	.10	.25	.80
Strasburg Improved .....	.10	.25	.80
Celestial or White Chinese ..	.10	.25	.80
Black Spanish .....	.10	.25	.80

SALSIFY

Mammoth Sandwich Island ..	.20	.60	2.25
----------------------------	-----	-----	------

SPINACH

	¼ lb.	lb.	10 lb.	25 lb.
Bloomsdale Savoy ..	\$1.15	\$1.40	\$3.00	\$6.25
Long Standing .....	.15	.40	3.00	6.25
Victoria .....	.15	.40	3.00	6.25

SQUASH

	Oz.	¼ lb.	Lb.
Silver Custard (Pattypan)..	.10	.25	.80
Golden Custard .....	.10	.25	.80
Genesee Golden Crookneck ..	.10	.30	1.00
Golden or Red Hubbard ....	.10	.30	1.00
Improved Green Hubbard ..	.10	.30	1.00

TOMATO

Genesee Early Dawn .....	.30	1.00	3.50
Spark's Earliana .....	.30	.90	3.25
Early Jewel .....	.25	.80	3.00
Bonny Best .....	.30	.90	3.25
Perfected Stone .....	.25	.80	3.00
Scarlet Beauty .....	.25	.80	3.00
Matchless .....	.25	.80	3.00
Greater Baltimore .....	.25	.80	3.00
Red Plum .....	.40	1.25	....
Yellow Pear .....	.40	1.25	....

TURNIP

	Pkt.		
Imp. Purple Top White Globe	.10	.20	.60
Purple Top Flat or Strap Leaf	.10	.20	.60
Golden Ball .....	.10	.20	.60
Large Amber Globe .....	.10	.20	.60
Purple Top Yellow Rutabaga	.10	.20	.60

HERBS	Pkt.	Oz.	¼ lb.
Anise	\$.10	\$.20	\$.60
Caraway .....	.10	.15	.30
Dill .....	.10	.15	.30
Mustard .....	.10	.10	.25
Sage .....	.10	.35	1.00
Sweet Basil .....	.10	.20	.60
Sweet Marjoran .....	.10	.25	.75
Summer Savory .....	.10	.20	.50
Thyme .....	.10	.50	1.50

ONION SETS

(Prices on Application)	Qt.	Pk.	32 lb.	Bu.
Yellow Globe				
Japanese (Yellow)				
White Globe				

ASPARAGUS ROOTS

2-year-old size	Doz.	100	500	1000
Genesee Thick Stem	\$.30	\$1.40	\$5.50	\$10.00
Barr's Mammoth ....	.30	1.40	5.50	10.00
Palmetto .....	.30	1.40	5.50	10.00
Giant Argenteuil ....	.30	1.40	5.50	10.00
Washington Pedigreed	.50	2.25	8.50	16.00

CABBAGE PLANTS, Extra Early Frost-Proof.

Place your orders early.

These plants are grown in the South, out of doors, and are so hardy that they may be set out in March or early April, a month before it is safe to put out our home-grown plants.

Prices	Doz.	100	500	1000	2500
.....	\$.10	\$.50	\$1.50	\$2.50	\$5.00

SPECIAL:—In lots of 5000 we quote the low price of \$1.25 per 1000 plants f. o. b. growing station in Georgia, buyer paying expressage.

SEED POTATOES

Northern grown, from selected Seed Stock. Noted for their strong vitality, productiveness and freedom from disease.

Prices on application	Pk.	Bus.	150 lb.	Sack
Early Red Triumph.....				
Early Bovee				
Spaulding Rose				
Irish Cobbler				
State of Maine				
Green Mountain				
Sir Walter Raleigh				
Gold Coin				
Russett				

A LARGER AND BETTER POTATO CROP
may be had by treating your seed with


 SEMESAN BEL.

SELECTED FARM SEEDS

	Qt.	Pk.	Bushel
Western Seed Oats ..	\$.10	\$.35	\$.90-32 lbs.
Seed Rye .....	.15	.60	1.90-56 "
Japanese Buckwheat ..	.15	.60	2.00-48 "
Mammoth Sunflower..	.15	.80	2.50-25 "
Kafir Corn .....	.15	.80	2.60-56 "
Broom Corn			50 "
Sugar Cane or Sorghum	.20	.90	2.75-50 "
Canada Field Peas ..	.20	1.25	4.25-60 "

PEDIGREE SEED CORN

(Prices on application)	Qt.	Pk.	56 lb.	Bus.
Improved Leaming				
Reid's Yellow Dent				
Golden Dent				
Johnson Co., White				
Red Cob Ensilage				

 SEMESAN JR. used on your Seed Corn will improve the quality and yield of the crop.

COW PEAS

	Qt.	Pk.	Bushel
New Era	\$.20	\$1.00	\$3.25-60 lbs.
Whippoorwill .....	.20	1.00	3.25-60 "
Grey Crowder .....	.20	1.00	3.25-60 "

SOY BEANS

Early Wilson .....	.20	.90	3.00-60 "
Hairy or Winter Vetch	.35	2.10	7.50-60 "
Dwarf Essex Rape ....	.20	1.10	3.75-50 "

The Planting of Forage Crops has become much more general in recent years. Farmers have found by frequent trials that they can produce a very heavy tonnage of rich forage by planting these special crops. Frequently two crops are planted together. For instance:

In March or Early April

Plant Canada Field Peas with Oats.

In May or June

Plant Soy Beans or Cow Peas with Oats or Barley or with Sugar Cane or Kafir.

In September or October.

Plant Winter Vetch with Rye.

All these combinations produce wonderful crops of rich forage or silage, with a comparatively small outlay of money and labor, and do not exhaust the land; on the contrary, rather add to its fertility because of their power of absorbing nitrogen from the air. This is particularly true of Soy Beans and Cow Peas. We recommend especially the **Early Wilson Soy Bean** for planting in this section on account of its quick growth and early maturity. **Sudan Grass** is another crop that gives a large yield of forage and may be planted instead of Millet to great advantage. **Dwarf Essex Rape** gives splendid forage for sheep and hogs.

SPRAYING SUGGESTIONS

The question, when to spray and how to spray, is best answered by the bulletins issued by the various State experimental stations, and by the schedules sent out by manufacturers of Spraying Materials. One or two elementary suggestions, may, however, not be amiss:

Keep in mind that there are four distinct classes of insects or diseases to be fought:

- (1) Scale, the chief of which is San Jose Scale, produced by sucking insects.
- (2) Chewing insects, such as potato bugs, cabbage and tomato worms, caterpillars, codling-moth, etc.
- (3) Mildew, blight, rot, mold and other fungous diseases.
- (4) Sucking insects, such as aphid, plant lice, leaf hoppers, thrips, etc.

Having determined the disease, the remedies are: For No. 1, Scalecide, or Lime-Sulphur solution. For No. 2, Arsenate of Lead, Calcium Arsenate or Paris Green. For No. 3, Bordeaux in some form, Sulfocide, or Lime-Sulphur, summer strength. For No. 4, Nicotine Sulphate as in Black Leaf 40, Lotol or Tobacco Dust.

Sometimes two objects can be accomplished in one operation. For instance, the remedy against scale, the lime-sulphur solution, is now known to act against fungous diseases also and may be used, summer strength, with arsenate of lead for spraying against both No. 2 and 3. Another very successful combination is the use of arsenate of lead and bordeaux in one solution. Both are based on a fifty-gallon solution, and after you have made your bordeaux solution according to formula, it is an easy matter to add the proper proportion of arsenate of lead and thus in one grand operation accomplish both objects, No. 2 and No. 3. Within the past year or two several manufacturers have mechanically combined Arsenate of Lead or Paris Green with Bordeaux and the resulting compounds, which are satisfactory in every way, are much more convenient for the average grower than to undertake to make the mixture one's self. These compounds are listed below under Pyrox and Pestroy. To these may be added, when aphid or other sucking insects are present, Black Leaf 40 at the rate of $\frac{1}{2}$ pound to 50 gals., and thus accomplish No. 4 object as well as Nos. 2 and 3.

Calcium Caseinate used in spraying solutions as a spreader and sticker, greatly increases the efficacy of the spray. Listed at bottom of this page.

No. 1. The chief disease under this head, as noted above, is San Jose Scale. The spraying for this must be done when the trees are dormant, that is, after the leaves fall in the autumn and before the growth starts in the spring. Use one of the following:

Lime Sulphur. The old standard remedy for scale. We can furnish either the liquid or powder preparation.

Powder. (Dormant spraying, use 1 lb. to 4 gallons of water).

Prices: Pound, \$3.30; 5 pounds, \$1.25; 10 pounds, \$2.00; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.50.

Liquid. (Dormant spray, use 1 gallon to 9 gallons of water).

Prices: Quart, \$4.40; 1 gal., \$8.85; 5 gal., \$3.25; 10 gal., \$5.75; 25-gal. drum, \$8.00; 55-gal. drum, \$12.50. (Allowance of \$1.50 for the empty drums returned in good order before July 1st).

"Scalecide" (Miscible oil). While some orchardists still prefer a lime-sulphur spray, the use of miscible oil is increasing.

Experiments have shown it to be as effective against scale, is more economical and also pleasanter to work with. It may be combined with other materials for controlling other pests with one spraying operation. (Use 1 gallon to 15 gallons of water.)

Prices: Quart, \$6.60; 1 gal., \$1.50; 5 gals., \$6.00; 10 gals., \$10.00; 30 gals., (barrel), \$26.00; 50 gals., (barrel), \$38.00.

No. 2. Under this head are a host of chewing insects, some of them mentioned above. Every kind of plant or fruit has its particular enemy which we must fight to the death. Spraying against these is done after the growth starts in the spring and at frequent intervals. The remedies are all poisons, mostly arsenic compounds, as follows:

Arsenate of Lead (powder). This is the most generally used of all the arsenic sprays both for fruit trees and vegetables.

For the former it is usually applied diluted in water at the rate of 1 to $1\frac{1}{2}$ lbs. in 50 gallons, which will also answer for vegetables. If dusting is preferred on vegetables mix 1 lb. in 10 to 25 lbs. Hydrated Lime, according to the method of application.

Prices: $\frac{1}{2}$ lb., \$.25; 1 lb., \$.40; 4-lb. bag, \$1.10; case of 24 lbs., \$6.00; case of 48 lbs., \$11.50.

Calcium Arsenate (powder). More recently introduced than Arsenate of Lead, it is superseding the latter for spraying vegetables and especially in the treatment of potatoes for the beetle. It is also taking the place of Paris Green for that purpose, because it sticks to the plant much longer and is therefore more effective; also it is much less likely than Paris Green to burn and blight the vines. Use Calcium Arsenate on your potatoes and other vegetables. Mix 1 pound in 25 lbs. hydrated lime, or 2 pounds in 50 gallons of water.

Prices: $\frac{1}{2}$ lb., \$.15; 1 lb., \$.25; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75; 50 lbs., \$7.00.

Paris Green (powder). The first and best known remedy for the potato bug, but Calcium Arsenate is now taking its place for that purpose. For dusting, mix 1 pound Paris Green in 50 lbs. hydrated lime or land plaster.

Prices: $\frac{1}{4}$ lb., \$.15; 1 lb., \$.45; 5 lbs., \$1.80; 14-lb. kit, \$4.85.

Insectrogen. Effective against caterpillars, leaf chewing insects and slugs on rose bushes. Price: $\frac{1}{2}$ pint, \$1.00.

Melrosene (liquid). An effective remedy against rose-bugs. Does not injure bloom. Mix 1 part with 20 parts of water.

Prices: Trial can (makes 1 gallon), \$.50; pint, \$1.00; quart, \$1.75; $\frac{1}{2}$ gallon, \$3.25; gallon, \$6.00.

Calcium Caseinate. Used in sprays as a spreader and sticker. Directions on package.

Prices: $1\frac{1}{2}$ lbs., \$.40; 5 lbs., \$1.00; 25 lbs., \$4.25.

No. 3. Fungous diseases are to be treated under this head and the following are the most satisfactory remedies:

Bordeaux (powder). For use on most fruits and nearly all vegetables. Mix 2½ ounces in 1 gallon of water or 1 pound in 7 gallons. Prices: Pound, \$.30; 4 lbs., \$1.00; 25 lbs., \$4.75.

Sulfocide (liquid). A splendid summer spray; we recommend it confidently. It keeps your trees and plants healthy and your fruit and vegetables sound. Do not use with Arsenate of Lead. Mix 1 part with 200 parts of water. Prices: Pint, \$.50; quart, \$.75; 1 gallon, \$2.25; 5 gallons, \$8.75; 10 gallons, \$15.00.

Lime-Sulphur (powder). Use summer strength; that is, 3 to 4 pounds in 50 gallons of water. For prices see opposite page under No. 1.

No. 2 and 3 combined. To destroy both chewing insects and fungous diseases at one operation you may combine Arsenate of Lead with Bordeaux or with Lime-Sulphur, summer strength, using the proportions given above under those different headings. But an easier way is to use one of the following compounds:

Pyrox (paste, Arsenate of Lead and Bordeaux combined). This is the most popular spray of this character on the market. It is easy to use and wonderfully effective as an insecticide and a fungicide. For most fruit trees mix 1 pound in 5 gallons of water and for potatoes 1 to 4. Prices: Pound, \$.45; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.50; 50 lbs., \$11.00; 100 lbs., \$18.00.

Pestroy (Arsenate of Lead and Bordeaux in powder form). Very effective, highly recommended. Use one pound in 7 gals. water. Prices: ½lb., \$.25; 1 lb., \$.35; 5 lbs., \$1.30.

Fungtrogen (liquid). For controlling mildew and blackspot on rose bushes. 4 oz. can \$.50.

No. 4. This refers to the damage done to plants by Aphis and other plant lice which suck the juices out of the leaves and consequently do serious injury to the plant life if not checked by one of the following remedies, which all contain Nicotine Sulphate:

Black Leaf 40 (liquid). This is the best known remedy for these destructive insects. It may be applied separately or in connection with any of the various summer sprays mentioned above. Use 1 ounce in 6 gallons of water or liquid spray solution; ½ pound to 50 gallons. Prices: Ounce, \$.35; ½ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$12.00.

Lotol (paste). An effective remedy for insects of the Aphis type. One teaspoonful will make a gallon of spray. Price: 1 ounce tube, (makes 6 gallons), \$.25.

Aphitrogen. Effective spray against aphis and plant lice on rose bushes. 4 oz. can \$.75.

Bug Death Aphis (Powder. Special against Aphis). 1 lb., \$.20; 5 lbs., \$.75.

Tobacco Dust (for dusting plants). Pound, \$.10; 5 lbs., \$.40; 25 lbs., \$1.25; 100 lbs., \$4.00.

Slug Shot (powder, non-poisonous). This is one of the oldest and most reliable insect powders on the market. It is both an insecticide and a fungicide and is especially effective against slugs, cabbage and currant worms and other soft-shelled insects. It should be used freely just as it comes from the package without dilution, as it not only does not burn the plants, but it acts as a fertilizer also.

Prices: 1-lb. carton with perforated top, \$.20; 5 lbs., \$.55; 25 lbs., \$2.50; 100 lbs., \$9.50.

P-T-B. Effective in controlling peach tree borer. 1-lb. can, \$.50; 5-lb. can, \$2.25.

Hellebore (Powder, effective against insects). ¼ pound, \$.20; ½ pound, \$.30; 1 pound, \$.50.

Sulphate of Copper (Crystals). Pound, \$.15; 5 lbs., \$.65; 10 lbs., \$1.20; 25 lbs., \$2.50; 50 lbs., \$4.50.

Powdered Sulphur (For dusting). Pound, \$.10; 5 lbs., \$.40; 10 lbs., \$.70; 25 lbs., \$1.40; 50 lbs., \$2.25; 100 lbs., \$4.00.

Tobacco Stems. Pound, \$.08; 5-lb. bag, \$.20; 20-lb. bag, \$.60; Bale (about 125 lbs.), \$1.60 per 100 lbs.

Weed Killer (Mix 1 gallon with 40 gallons water). Quart, \$.60; gallon, \$1.75; 5 gallons, \$7.00.

Sulpho-Tobacco Soap. 3-ounce cake, \$.10; 8-ounce cake, \$.20; 1 pound, \$.35.

Fish Oil Soap. ½ Pound, \$.15; pound, \$.25.

Grafting Wax. ¼ pound, \$.20; ½ pound, \$.35; pound, \$.60.

Pruning Compound. Apply with brush to cuts or other surface wounds, Qt., \$.65.

Tree Tangle Foot (To band trees against caterpillars). Pound, \$.60; 5 lbs., \$2.75.

Tanglefoot Fly Spray (For household use). Pint, \$.75; quart, \$1.25.

Conkey's Fly Knocker (For spraying horses and cows). Quart, \$.60; 2 quarts, \$.90; gallon, \$1.50.

Creonoid Fly Spray (For horses and cows). Gallon, \$1.35; 5 gallons, \$4.50.

FERTILIZERS

(Prices on quantities from ton lots to carloads, quoted on application)

	200 lb.					
	5 lbs.	25 lbs.	50 lbs.	100 lbs.	Sack	1000 lbs.
Pure Bone Meal—lasting results	\$.25	\$1.00	\$1.75	\$2.90	\$5.50	\$26.50
Peruvian Guano Substitute, for forcing vegetables..				2.75	5.00	22.50
Grand Rapids Truck—for garden crops .....	.25	1.00	1.50	2.25	4.00	19.00
Excelsior Guano—Good for potatoes, etc. ....	.20	.75	1.25	2.00	3.25	15.00
Fish Mixture—General Purpose					3.50	16.00
Special Potato .....	.20	.75	1.25	2.00	3.50	16.00
Acid Phosphate, 16%				1.40	2.25	11.00
Sulphate of Ammonia (Arcadian) .....	.35	1.50	2.50	4.50	8.00	36.00
Nitrate of Soda .....	.35	1.50	2.50	4.50	8.00	35.00
Muriate of Potash .....	.30	1.25	2.00	3.50	6.00	26.00
Kainit .....	.15	.60	1.00	1.40	2.25	11.00
N. S. Land Plaster .....	.15	.60	1.00	1.50		11.00
Pulverized Poultry Manure .....	.25	1.00	1.75	2.75		24.00
Pulverized Sheep Manure .....	.25	1.00	1.50	2.50	5.00	23.00
Pulverized Cow Manure .....	.25	1.00	1.50	2.50	5.00	23.00
Shredded Cow Manure			1.60	2.75		
Tankage .....	.25	1.00	1.80	3.40		
Nitro-Humus .....	.15	.50	.75	1.25		11.00
Asparagus Salt .....	.15	.50	.75	1.25		11.00
Hardwood Ashes .....	.20	.75	1.25	2.00		
“Limoid,” for lawns; for whitewash	(10-lb. bag 25c)		.75	1.25		11.00
Pulverized Land Lime, for lawn, garden and field—80-lb. bag, \$7.75; 6 bags for \$4.00; 12 bags for \$7.00; 25 bags for \$12.00.						

FULTON'S Plantabbs

ODORLESS PLANT FOOD TABLETS

A Concentrated Food for House Plants

Prices: \$.25; \$.50; \$1.00 (postpaid)

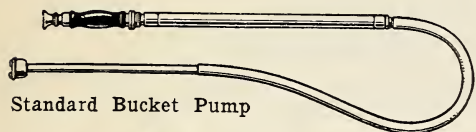
Fertilizers for Lawns

are decidedly preferable to stable manure. The latter is not only unsightly but also it is a prolific source of weed seeds. Our list of fertilizers is most complete and will fill every need. The following schedule gives approximately the quantity to use:

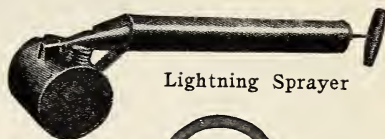
	Per 1000 Sq. Ft.	Per Acre
Pure Bone Meal	25 lbs.	1000 lbs.
Sulphate of Ammonia	5 “	200 “
Nitrate of Soda	5 “	200 “
Pulverized Poultry Manure	25 “	1000 “
“ Sheep Manure	25 “	1000 “
“ Cow Manure	25 “	1000 “
Nitro-Humus	50 “	2000 “
Hardwood Ashes	25 “	1000 “
Pulverized Land Lime	100 “	4000 “

Note.—We particularly recommend Pulverized Poultry Manure

SPRAY PUMPS AND ACCESSORIES



Standard Bucket Pump



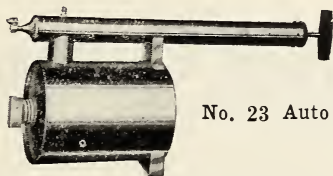
Lightning Sprayer



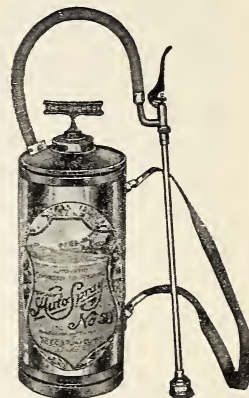
Barrel Pump



No. 26 Auto Spray



No. 23 Auto Spray



"Auto Spray" No. 9 and No. 50

"AUTO SPRAY" COMPRESSED AIR SPRAYERS (Continuous Spray)

New No. 50 "Auto Spray" with Auto-Pop, 2-gal. tank, galvanized, \$4.75; brass tank, \$6.50.

New No. 9 "Auto Spray" with Auto-Pop, 3½ gal. tank, galvanized, \$5.50; brass tank, \$8.00.

New No. 23 "Auto Spray," 3-Qt., galvanized, \$1.75.

New No. 26 "Auto Spray" 1-qt., galvanized, \$0.90; 1-qt. brass, \$1.10; 2-qt. galvanized, \$1.25.

Extra Extension Pipes (brass) 2-foot lengths, for No. 9 and No. 50 "Auto Spray", each \$0.45.

Standard Bucket Pump (For spraying, whitewashing, etc.) Brass, \$4.25.

Lightning Sprayer, Tin—Pint, \$0.35; quart, \$0.50; Galvanized Iron, quart, \$0.65.

"Duster Brown" Powder Blower, \$1.00; B. D. Powder Sifter, \$0.50; Dickey Powder Duster, \$0.30.

Major Barrel Sprayer, including 12½-ft. hose and nozzle, \$15.00.

Century Barrel Sprayer, with 1 lead hose and nozzle, \$18.00; with 2 leads hose and nozzles, \$22.00.

Extra Hose, 12½-ft. hose with couplings only, \$3.75; complete with nozzle and connections, \$4.50.

10-foot Brass Extension Pipe (Bamboo covered), with stop-cock, \$5.00.

Nozzles, Bordo, \$1.10; Demorel, \$0.80; Simplex Straight, \$0.65; Simplex Angle, \$0.75.

DO YOU NEED ANY PARTS TO PUT YOUR SPRAYER IN GOOD ORDER?



**IMPROVED SEMESAN
IMPROVED SEMESAN, JR.
IMPROVED SEMESAN BEL**

Mercuric Disinfectants for the control of diseases attacking Flower, Vegetable and Field Seeds and Plants; also diseases of the soil. Stimulates seed germination and plant growth. Directions for use with each package. Descriptive pamphlet on application.

SEMESAN—For controlling various diseases and fungoid growth affecting flower, garden and field seeds and plants generally. Prices: 2 Oz., \$.50; 8 Oz., \$1.60; 1 lb., \$2.75; 5 lbs., \$13.00; 25 lbs., \$62.50.

SEMESAN JR.—A dust treatment for preventing and controlling the ear, root and stalk rots of field and sweet corn. Prices: 4 Oz., \$.50; 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50.

SEMESAN BEL.—For controlling diseases common to sweet and white potatoes and the bulbous roots and tubers of flowers and vegetables. Prices: 1 lb., \$1.75; 5 lbs., \$8.00; 25 lbs., \$37.50.

Mulford Cultures
FOR LEGUMES

For Sweet Peas, Garden Peas and Garden Beans (one size only), \$.35.
For Clovers, all varieties: ½ Bu., \$.60; 1 Bu., \$1.00; 2½ Bu., \$2.25; 10 Bu., \$8.00.
For Cow Peas and Soy Beans: 1 Bu., \$.60; 2 Bu., \$1.00; 5 Bu., \$2.25; 20 Bu., \$8.00.

LAWN AND GARDEN TOOLS

Fountain Lawn Sprinkler, round, \$1.00; half round, \$1.00.
Garden Hose, ¾-inch size; 25-ft. length, incl. couplings, \$5 00; 50-ft. length, incl. couplings, \$9.75.
Magic Weeders, size A, \$.20; size BB, \$.30; size D, \$.50; size F, \$.75.
Dandelion Weeder, \$.20. Pull Easy Hoe, small, \$.50; Scuffle Hoe, \$.75.
Garden Trowel, No. 80, \$.20; Transplanting Trowel, No. 81, \$.20; Garden Weeder, No. 82, \$.20.

Onion Hoes, 1-prong, \$.75; 2-prong	\$.85	Little Giant Grass Hook ((Sickle)	\$.60
Garden Hoe, 6 or 7 in. ....	.80	Garden Spade, extra strong	1.50
Garden Hoe, 5 in. ....	.80	Spading Fork, 4-prong	1.75
Asparagus Knife .....	.50	Garden Rake, straight frame .....	.65
Asparagus Buncher	4.75	Garden Rake, bow frame	1.25
Asparagus Tape, 1000 yards	2.75	Wire Tooth Lawn Rake, 24-tooth .....	.65
Asparagus Braid, 1000 yards	2.00	Wire Tooth Lawn Rake, 36-tooth	1.25

TREE PRUNING KNIVES

Detroit, 6 ft., \$1.75; 8 ft., \$2.00; 10 ft.... \$2.25
Kansas, regular handle
 3.00 || Kansas, with extension handle | 3.50 |

PRUNING SHEARS

Hedge Shears, 9-in. blade
 \$2.25 || No. 313 Pruning Shears | 1.00 |
| No. 315 Rose Shears | 1.25 |

PLANET JR. SEEDER S AND CULTIVATORS

No. 4 Seeder, Wheel Hoe and Cultivator ..	\$17.50	No. 11, Double Wheel Cultivator	\$13.25
No. 4D Seeder only	13.75	No. 12, Double Wheel Cultivator	10.25
No. 25 Seeder, Wheel Hoe, Cultivator and Plow	21.00	No. 13, Double Wheel Cultivator	7.75
No. 31D Seeder only	9.00	No. 16, Single Wheel Cultivator	8.75
Planet Jr., Fire Fly Plow	4.00	No. 17, Single Wheel Cultivator	7.50
Planet Jr., Star Pulverizer	3.00	No. 17½ Single Wheel Cultivator	6.50
		No. 18, Single Wheel Cultivator	5.50
		No. 119, Single Wheel Cultivator	4.50

NOTE:—Extra tools for Planet Jr., carried in Stock. Repairs secured from factory promptly.

DO YOU NEED ANY PARTS FOR YOUR PLANET JR.? LOOK IT OVER NOW.

POULTRY SUPPLY DEPARTMENT

The value of the output of the poultry industry in this country continues to increase from year to year, and manufacturers of special feeds, remedies, medicines and accessories for the poultrymen endeavor to keep apace. New articles having more or less merit are continually being put on the market, so that it is impossible for the dealer to carry all of them. The articles of merchandise we offer on the following pages we believe to be among the very best on the market; the most of them have been on the market for a number of years and the continued demand for them justifies our continuing to list them herein. Among the myriad of new articles that are offered to us continually we occasionally see something that seems to have special merit, and we add it to our list. We cordially invite an inspection of these goods at our salesroom.

BUCKEYE INCUBATORS

Style E 14, 60-egg	\$16.50
Style E 16, 110-egg	27.50
Style E 17, 210-egg	36.75
Standard No. 1, 110-egg	37.50
Standard No. 2, 175-egg	44.50

BUCKEYE PORTABLE BROODER

Heated with Coal-Oil Lamp

Capacity	Diameter	
No. 20—60-chick	19 in.	\$11.75
No. 21—100-chick	22 in.	15.50
No. 22—150-chick	30 in.	19.00

BUCKEYE BLUE FLAME BROODER

Coal-Oil Blue Flame Burner

Capacity	Diameter	
No. 27A—200-chick	34 in.	\$17.50
No. 80—350-chick	42 in.	19.00
No. 81—500-chick	52 in.	21.50

BUCKEYE COAL-BURNING BROODERS

Capacity	Diameter	
No. 117—350 chicks	42 in.	\$16.50
No. 118—500 chicks	52 in.	21.50
No. 119—1000 chicks	56 in.	26.50

SMOKE PIPE AND ELBOWS

For Coal-Burning Brooders

4 or 5-inch Pipe (2 ft. length)	\$.25
4 or 5-inch Elbow .....	.25

ALUMINIZED METAL EGG BOX

For Parcel Post Shipping

Strong	Economical	Efficient	
Capacity 1½ Doz. Eggs	Price	\$1.10	
Capacity 2 Doz. Eggs	Price	1.35	
Capacity 3 Doz. Eggs	Price	1.60	
Capacity 4 Doz. Eggs	Price	1.80	

PAPER EGG BOXES

Cardboard box, 12-egg size, for delivering to consumer. (Not for parcel post shipping).
 One dozen boxes, \$2.20 125 boxes for \$1.25
 Bundle of 250 boxes, \$2.25
 Special price quoted in lots of 1000 or over

HUMPTY-DUMPTY EGG CARRIER

For local and parcel post deliveries
 6-dozen size, \$.55 12-dozen size, \$.70

STRAWBOARD FILLERS & DIVISIONS

For 30-dozen size egg crates
 Per set, for one 30-dozen crate

Per case of 10 sets	3.00
---------------------------	------

ROOF SADDLE

Adjustable to slope of roof
 For 4 and 5 inch smoke pipe, price..... \$1.25

RAIN CAPS

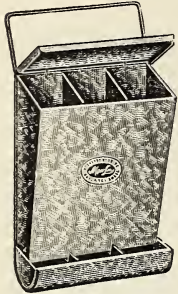
For 4 and 5 inch smoke pipe, price..... \$1.50

PARTS FOR INCUBATORS AND BROODERS

(State style and size of machine for which parts are wanted)

Universal Thermometer, with holder; can be used in any Incubator	Price, \$1.00 (\$1.10 postpaid)
Buckeye Brooder Thermometer, mounted	Price, \$1.25, postpaid
Lamp Bowls for Incubators	Price, \$.75; (\$.85, postpaid)
Lamp Burners (4 styles and sizes).....	Prices, 50c, 75c and \$1.00, postpaid
Lamp Chimneys (give diameter and height).....	Price, 50c, postpaid
Lamp Wicks (specify size).....	Prices, 2 for 5c; 30c per doz. (postpaid, 5c extra)
Wicks for Blue Flame Oil Burner (2 sizes).....	50c and 75c
Brass Connecting Rod (Buckeye Incubator).....	Price, 50c, postpaid
Wafer Thermostatic Discs	\$1.00 per pair, postpaid
Tin Disc and Wire (heat damper for Incubator).....	Price, 25c (30c, postpaid)
X-Ray Egg Tester	Price, 30c, postpaid

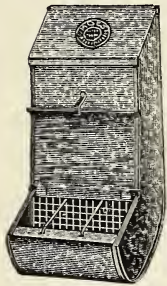
(Prices for other parts of Incubators and Brooders furnished on application)



Nos. 1 to 5



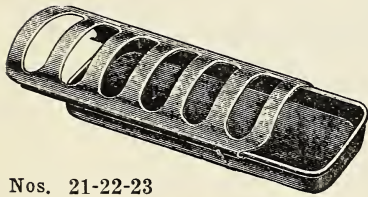
Nos. 11-12



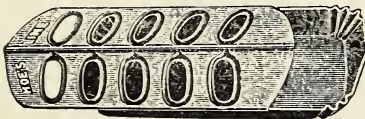
Nos. 6-7-8



No. 18



Nos. 21-22-23



Nos. 27-28



Nos. 55-56-57



Nos. 58-59-60

ON THIS PAGE will be found a very complete line of sanitary galvanized metal food receptacles of various sizes and styles. The illustrations are all numbered so that they may be identified with the price list below.

FOOD HOPPERS

For Grit, Shell, Grain, Charcoal, etc.

	Each	Six
No. 1—4 Qt., 3 spaces	\$.80	\$4.00
No. 2—8 Qt., 2 spaces	.90	4.50
No. 3—4 Qt., 1, 2 or 3 spaces	.80	4.00
No. 4—8 Qt., 1, 2 or 3 spaces	1.25	7.00
No. 5—4 spaces	1.25	6.50

DRY MASH HOPPERS

	Each	Six
No. 6— 8 Qt.	\$1.50	\$8.00
No. 7—12 Qt.	2.00	10.50
No. 8—24 Qt.	2.80	15.00
No. 30— 2 Bus.	12.00	

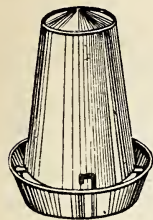
FEEDING TROUGHS

May be used for grain or mash feeds

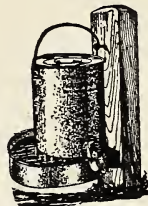
	Length	Capacity	Each	Doz.
Collins' Chick Feeder	24 in.		\$.50	\$5.00
Moe, No. 21	12 in.	1½ Qt.	.30	3.00
Moe, No. 22	18 in.	3 Qt.	.50	5.00
Moe, No. 23	24 in.	4 Qt.	.70	7.00
Moe, No. 27	10 in.	1 Qt.	.25	2.50
Moe, No. 28	20 in.	1½ Qt.	.35	3.50
Moe, No. 55	12 in.	1 Pt.	.35	3.50
Moe, No. 56	18 in.	1½ Pts.	.45	4.50
Moe, No. 57	24 in.	1 Qt.	.55	5.50
Moe, No. 58	12 in.	1 Qt.	.40	4.00
Moe, No. 59	18 in.	1½ Qt.	.55	5.50
Moe, No. 60	24 in.	2 Qt.	.65	6.50
Moe, No. 140	21 in.	8 Qt.	1.25	
Moe, No. 141	35 in.	16 Qt.	2.00	
Moe, No. 11	6 in. diam.	1 Pt.	.15	1.50
Moe, No. 12	8¼ in. diam.	1 Qt.	.20	2.25
Moe, No. 18	8¼ in. diam.	2 Qt.	.50	5.25

Note:—Capacities as given above are approximate

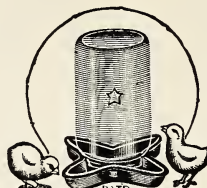
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



CONE



KEYSTONE



STAR FOUNT



PEERLESS

POULTRY DRINKING FOUNTS

All our founts open at bottom; easily filled and kept clean

	Capacity	Each	Doz.		Capacity	Each	Doz.
Stone Fount	1 Qt.	\$.40	\$4.00	Keystone Fount	1 Qt.	\$.50	\$5.50
Stone Fount	2 Qt.	.50	5.00	Keystone Fount	2 Qt.	.75	8.25
Stone Fount	4 Qt.	.60	6.00	Keystone Fount	4 Qt.	1.00	11.00
Stone Fount	8 Qt.	1.00	11.00	Keystone Fount	8 Qt.	1.50	16.50
Cone Fount	1 Qt.	.35	3.70	Peerless Fount	1 Qt.	.35	3.60
Cone Fount	2 Qt.	.45	4.60	Peerless Fount	5 Qt.	.85	9.00
Cone Fount	4 Qt.	.65	7.00				
Duplex Fount	4 Qt.	1.00	10.50	Mason Jar Founts			
Duplex Fount	8 Qt.	1.25	13.00	(Metal saucers to fit Mason jars)			
Twin Duplex Fount	8 Qt.	1.50	15.00	Star Fount, Rust-resisting metal,			
Mammoth Twin Duplex	5 Gal.	3.25		15c each; 2 for 25c; Doz., \$1.25.			
				Aluminum Fount, non-corroding, for feeding butter-			
				milk, 25c each; 4 for 90c; Doz., \$2.50.			

MISCELLANEOUS GRAIN FEEDS

Qt.	Pk.		Bushel	Full Bag
				Price per 100 lbs.
\$.12	\$.70	Chicken Millet (Yellow)	(50 lb.) \$2.25	(abt. 200 lbs.)
.12	.75	Pigeon Millet (Red)	(50 lb.) 2.50	(abt. 200 lbs.)
.10	.50	Kafir Corn	(56 lb.) 1.60	(abt. 200 lbs.)
.20	1.25	No. 1 Canada Field Peas	(60 lb.) 4.25	(abt. 120 lbs.)
.15	.80	No. 2 Pigeon Field Peas	(56 lb.) 2.75	(abt. 120 lbs.)
.15	.80	Russian Sunflower	(25 lb.) 2.50	(abt. 100 lbs.)
.12	.75	Hemp Seed	(40 lb.) 2.50	(abt. 200 lbs.)
.25	1.50	Canary Seed	(60 lb.) 5.00	(abt. 220 lbs.)
.20	1.30	Bird Rape	(50 lb.) 4.50	(abt. 220 lbs.)
.10	.65	Hulled Oats	(50 lb.) 2.25	(abt. 100 lbs.)
.15	.90	Cracked Rice	(70 lb.) 3.30	(abt. 200 lbs.)
.15	1.00	Large Bird Vetch	(56 lb.) 3.50	(abt. 200 lbs.)
.15	.90	Fancy Wild Vetch	(56 lb.) 3.00	(abt. 200 lbs.)

(See page 14) { Cracked Oats
 { Rolled Oats

We also carry at our Warehouse a large line of Mill Feeds, all kinds of feeding grains, Lump Rock Salt, Coarse and Fine Salt of every grade and for all purposes.

Prices on application. Orders filled promptly.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

GENERAL LIST OF POULTRY FEEDS

P-T BRAND CHICK FOOD

A food specially prepared for baby chicks, turkeys, guineas, etc., consisting of selected grains milled to proper size, with the addition of rolled oats, bone and grit, proportioned to make a balanced ration for the first 4 or 5 weeks.

½ peck bag	\$.30
½ Bu. bag	.90
50 lb. bag	1.65
100 lb. bag	3.15

PRATT'S

BABY CHICK FOOD

2½ lb. package	\$.25
5 lb. package	.40
10 lb. bag	.70
25 lb. bag	1.40
50 lb. bag	2.60
100 lb. bag	5.00

CONKEY'S BUTTERMILK STARTING FOOD

2½ lb. package	\$.20
5 lb. package	.35
10 lb. package	.60
25 lb. bag	1.20
50 lb. bag	2.35
100 lb. bag	4.60

CONKEY'S BUTTERMILK GROWING MASH

10 lb. bag	\$.50
25 lb. bag	1.10
50 lb. bag	2.00
100 lb. bag	3.85

CONKEY'S "GECCO" BUTTERMILK EGG MASH

10 lb. bag	\$.45
25 lb. bag	1.00
50 lb. bag	1.80
100 lb. bag	3.50

UNIVERSAL POULTRY MASH

With Meatmeal and Buttermilk	
5 lb. bag	\$.25
20 lb. bag	.80
50 lb. bag	1.60
100 lb. bag	3.10

CROWN PIGEON FEED

½ pk. bag	\$.35
½ bu. bag	1.00
50 lb. bag	1.90
100 lb. bag	3.70

SPECIAL PIGEON FEED

Contains No Corn

½ peck	\$.45
½ bus.	1.30
50 lb. bag	2.25
100 lb. bag	4.30

GRANULATED CHARCOAL

Sizes: Coarse, Medium & Fine	
1 qt. package	\$.05
½ pk. package	.15
½ bu. bag	.50
1 bu. bag	.75
50 lb. lined bag	1.60

X-RAY POULTRY FEEDS

(Contain 5% Grit)

CHICK FEED, 100 lb.	\$ 3.00
SCRATCH FEED, 100 lb.	2.95

CHRISTINA POULTRY FEEDS

Mixed Grains—Whole or Cracked to Proper Size

	½ Pk. Bag	½ Bu. Bag	50 Lb. Bag	100 Lb. Bag
CHICK FOOD			\$ 1.65	\$ 3.15
DEVELOPING FOOD	\$.30	.90	1.65	3.15
SCRATCH FOOD	.25	.85	1.60	3.10

SPECIAL FEEDS

	Small Package	Large Package	25 lb. Bag	50 lb. Bag	100 lb. Bag
Rolled Oats—(90 lb. bag, price on application)....			\$ 1.25	\$ 2.35	
Cracked Oats			1.25	2.35	4.50
Mealed Alfalfa			.85	1.50	2.80
Short Cut Alfalfa	\$.10	\$.25	.80	1.40	2.60
H-P Beef Scrap	.10	.25	1.15	2.25	4.25
Fish Meal, high in protein	.10	.25	1.25	2.25	4.25
Granulated Bone (about size of wheat)	.10	.25	1.20	2.15	4.00
Sterilized Feeding Bone Meal			1.20	2.15	4.00
Crushed Oyster Shell (2 sizes)	.05	.10	.35	.60	1.00
Grit (3 sizes)	.05	.10	.35	.60	1.00
Blatchford's Calf Meal			1.50	2.75	5.00
Digester (Hog) Tankage			1.25	2.35	4.50
Flaked or Dry Buttermilk (less than 25 lb. @ 15c per lb.)			3.50	6.50	12.00
Powdered Skim Milk (less than 25 lb. @ 15c per lb.)			3.50	6.50	12.00

Condensed or Semi-Solid Buttermilk (Prices on application)

Feeding Molasses, in barrels (Price on application)

OLD GRIST MILL PUPPY BISCUITS, 1 lb. carton, \$1.16; 3 lbs. for \$4.45; 25-lb. box, \$3.00.

OLD GRIST MILL DOG BISCUITS, 1-lb. carton, \$1.15; 3-lb. carton, \$4.40; 25-lb. box, \$2.75.

O. G. M. BROKEN DOG BISCUITS, in bags, 5 lbs., \$5.00; 25 lbs., \$2.15; 50 lbs., \$4.00; 100 lbs., \$7.75.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

LICE REMEDIES

- Conkey's Lice Ointment, 1 oz., \$.10; 3 oz., \$.25.
 Conkey's Lice Liquid, 1 qt., \$.60; 2 qt., \$.90; 1 gal., \$1.50.
 Conkey's Lice Powder, 15 oz., \$.35; 48 oz., \$.75.
 Pratt's Lice Powder, 5 oz., \$.12; 1 lb., \$.25.
 Dr. Hess' Lice Powder, 1 lb., \$.25; 2½ lbs., \$.50.
 Tobacco Stems, 5 lbs., \$.20; 10 lbs., \$.35; 20 lbs., \$.60; bale (about 125 lbs.) \$1.60 per 100 lbs.
 Sulphur Candles, \$.15 each; \$1.50 per doz.
 Carbola. A disinfecting white paint. Prices on page 16.

CONKEY'S CONDITION POWDERS, REMEDIES, ETC.

Conkey Roup Remedy (Powder)	\$.25	\$.50	\$1.00	\$2.35	\$5.25 (Postpaid)
Conkey Roup Pills .....	.25	.50			(Postpaid)
Conkey Cholera Remedy .....	.25	.50			(Postpaid)
Conkey Poultry Worm Remedy .....	.25	.50			(Postpaid)
Conkey Diarrhoea Remedy .....	.25	.50	1.00		(Postage, 5c extra)
Conkey Chicken Pox (Sorehead) Remedy .....	.25	.50			(Postage, 5c extra)
Conkey Gape Remedy .....	.25	.50			(Postage, 5c extra)
Conkey Scaly Leg Remedy .....	.25				(Postage, 5c extra)
Conkey Salve for Fleas (Sticktight) .....	.25				(Postage, 5c extra)
Conkey Blackhead Remedy .....		.50			(Postage, 5c extra)
Conkey Limberneck Remedy .....		.50			(Postage, 5c extra)
Conkey Canker Remedy .....		.50			
Conkey Noxicide (Disinfectant), 1 pint, \$.50; 1 qt., \$.80; 2 qts., \$1.25; 1 gal., \$2.00; 5 gals., \$9.00.					
Conkey Fly Knocker, 1 qt., \$.60; 2 qts., \$.90; 1 gal., \$1.50; 5 gals., \$7.00.					
Conkey Poultry Tonic (powder), 1½ lbs., \$.25; 3¼ lbs., \$.50; 7 lbs., \$1.00; 12 lbs., pail, \$1.60.					
Conkey Y-O (Yeast and Cod Liver Oil), 1 lb., \$.65; 2 lbs., \$1.15; 5 lbs., \$2.50; 25 lbs., \$11.25; 50 lbs., \$20.					
Conkey Buttermilk Feeds. See page 14.					

DR. HESS AND CLARK'S CONDITION POWDERS AND REMEDIES

- Dr. Hess Poultry Panacea, 1½ lbs., \$.25; 5 lbs., \$.75; 12 lbs., \$1.50; 25-lb. pail, \$3.00.
 Dr. Hess Stock Tonic, 3½ lbs., \$.50; 10 lbs., \$1.25; 25-lb. pail, \$3.00; 100-lb. drum, \$10.00.
 Dr. Hess Healing Powder (for sores), \$.25 and \$.50.
 Dr. Hess Heave Remedy, \$.50.
 Dr. Hess Stock Worm Powder, \$.50.
 Dr. Hess Poultry Worm Powder, \$.50.
 Dr. Hess Diarrhoea Tablets, \$.50.
 Dr. Hess Roup Tablets, \$.50.
 Dr. Hess Dip and Disinfectant, 12-oz. bottle, \$.40; 1-qt. can, \$.65; 1 gal., \$1.80.
 Dr. Hess Fly Chaser, 1 gal. can, \$1.50.

PRATT'S CONDITION POWDERS AND REMEDIES

- Pratt's Poultry Regulator, 24 oz., \$.25; 4 lbs., \$.50; 12-lb. pail, \$1.65; 25-lb. pail, \$3.00.
 Pratt's Stock Regulator, \$.25. Stock Conditioner, 6½ lbs., \$.60.
 Pratt's Heave Remedy, \$.50.
 Pratt's Worm Powders, \$.50.
 Pratt's Diarrhoea Remedy, \$.25.
 Pratt's Roup Remedy, \$.25.
 Pratt's Baby Chick Food. See Page 14.

- POUL-TOBAC. For round worms in poultry. 2-lb. carton, \$.35; 10-lb. bag, \$1.00 (postage extra).
 BARKER'S SPECIAL POULTRY POWDER, 1½ lbs., \$.30; 4 lbs., \$.60.
 BARKER'S HORSE AND CATTLE POWDER, 20 oz., \$.30; 5 lbs., \$1.00.
 KOW KARE (formerly Kow Kure), 1¼ lbs., \$.65; 2¾ lbs., \$1.25 (Postage extra).
 BAG BALM, for sore teats, strictures, etc., \$.60.
 FLEISCHMANN'S DRY YEAST (for stock), 1-lb. box, \$1.00; 2½-lb. box, \$2.00. (Postage extra).
 RAT SNAP (Poison Biscuit), 1 oz., \$.35; 3 ozs., \$.65; 7½ ozs., \$1.25 (Postpaid).
 GUARDIAN DOG SOAP (Kills fleas, non-poisonous), \$.25 per cake.

GLASS SUBSTITUTES

"CEL-O-GLASS" and "GLASS CLOTH"

Light and strong. Keeps out wind and storms; admits light and warmth, and transmits the valuable ultra violet rays of the sun. Can be cut with shears to any desired shape. Especially useful for poultry houses, hotbed sash, green houses and other buildings. Very serviceable, and if punctured can be repaired. Ask for samples and descriptive circulars.



Instead of Fragile Glass use Unbreakable
CEL-O-GLASS

A coarse mesh galvanized wire cloth covered with a translucent, flexible substance that will not peel or break. Light and strong.

Rolls are 3 feet wide
100 ft. roll \$42.00
50 ft. roll 21.50
25 ft. roll 11.00

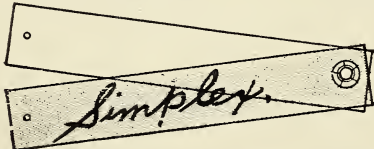
Shorter lengths at 50c lineal ft.

If wanted by parcel post add postage at the rate of 1 lb. per sq yd.

GLASS CLOTH. A specially processed strong fabric treated to render it transparent. Rolls are 35 inches wide.

300 ft. roll \$27.00
150 ft. roll 14.00
45 ft. roll 4.50

Shorter lengths at 15c lineal ft.



WEATHERPROOF PLANT LABELS

Write desired marking on card with ordinary lead pencil and cover with transparent sheet; copper wires furnished for attaching label.

	Sizes	Doz.	25	50
No. 1	1/2x3 inches.....	\$.45	\$.85	\$1.60
No. 2	3/4x4 inches.....	.70	1.35	2.60
No. 3	1x5 inches.....	1.00	1.85	3.60

HEXAGON POULTRY WIRE

Cut Lengths				Per Roll
25 ft.	50 ft.	100 ft.	1-in. Mesh	150 ft.
\$.60	\$1.10	\$1.95	12 in. wide	\$2.50
.85	1.55	2.85	18 in. wide	3.60
1.05	2.00	3.75	24 in. wide	4.80
1.25	2.30	4.25	30 in. wide	5.50
1.35	2.50	4.70	36 in. wide	6.30
			2-in. Mesh	
.50	.85	1.60	24 in. wide	2.00
.65	1.15	2.20	36 in. wide	2.80
.80	1.50	2.90	48 in. wide	3.70
1.10	1.95	3.70	60 in. wide	4.60
1.25	2.30	4.40	72 in. wide	5.50

(One pound staples free with each full roll of wire)

GALVANIZED STAPLES, 10 cents per lb.

LEG BANDS

Aluminum bands are numbered; celluloid bands in different colors. Easily attached and secure. When ordering always state breed of fowl on which bands are to be used.

	Doz.	25	50	100
Poultry Bands	\$.15	\$.25	\$.35	\$.65
Open Pigeon (Aluminum)	.12	.20	.35	.60

MARKING PUNCHES

Pettey's Punch	\$.25	postpaid
Philadelphia Punch .....	.30	postpaid
Ideal Punch .....	.50	postpaid

KNIVES FOR KILLING POULTRY

Made of instrument steel; several patterns.
50 cents each; 60 cents postpaid

GAPE WORM EXTRACTORS

A simple and efficient instrument
25 cents each; 30 cents, postpaid

WIRE POULTRY NESTS

Made of coppered wire mounted on heavy ring
\$.20 each, \$2.00 per doz.

NEST EGGS

	Each	Doz.
China (Glazed flint glass)	\$.04	\$.40
Anti-Lice (Composition) .....	.08	.75

ROUND ROD SHIPPING COOPS

Extra height	Made of hard wood	
Chicken Size	14 inches high.....	\$1.90
Turkey Size	20 inches high.....	2.25
Special price on 10 or more coops		

CARBOLA

A powdered white mineral paint. combined with a powerful germicide. Kills parasites and disease germs. Better than whitewash. Simply mix with water to the consistency of whitewash and apply with brush or spray pump.

5 lb. package	\$.75
10 lb. package	1.25
25 lb. bag	2.75
50 lb. bag	5.00

A Beautiful Lawn

is obtained only by much thought and a great deal of careful attention over a period of years. In making a new lawn the first step is the consideration of the needs of the soil; it should be fertilized, and the addition of humus or leaf-mould may be necessary; pulverized lime should be applied to counteract any acid or sour condition. The second step is the selection of the seed. Our Lawn Seed mixtures are not haphazard combinations, but the result of careful selection of different varieties in an effort to obtain continuous growth throughout the season. Some of these varieties are domestic grown and others are imported. The following brands have been on the market for a number of years and are the most popular:

BRANDYWINE PARK LAWN GRASS (with White Clover).

EVERGREEN LAWN GRASS (without White Clover).

Quantity to Use—4 to 6 Qts. per 1000 Sq. Ft.; 5 to 6 Bu. per Acre.

When to Sow—In March or April, and in September or October.

In addition to the above we make grass seed mixtures for special purposes such as Shady Places, Permanent Pastures, etc. A complete list of Grass Seeds with prices, will be found on page 5, and a full line of Fertilizers for Lawn, Garden and Field is given on page 8.

Seeding Schedule of Field Seed

	Weight Per Bus.	Quantity Per Acre	Time of Seeding
Barley	48	2 Bu.	April-June
Blue Grass, standard	14	4 Bu.	Apr.-June Aug.-Sept.
Blue Grass, fancy	20	1½ to 2 Bu.	Apr.-June Aug.-Sept.
Buckwheat	48	1 to 1½ Bu.	May-June
Cane, Sorghum	50	1 Bu.	May-June
Corn	56	8 Qts.	May-June
Corn, Ensilage	56	20 Qts.	May-June
Corn, Sweet	45	10 Qts.	May-July
Clover, Alfalfa	60	12 Qts.	Apr.-May Aug.-Sept.
Clover, Alsike	60	4 Qts.	Feb.-June Aug.-Nov.
Clover, Crimson	60	8 to 10 Qts.	July-Sept.
Clover, Red	60	4 to 6 Qts.	Feb.-Apr. Aug.-Nov.
Clover, Sweet	60	8 to 12 Qts.	Apr.-May Aug.-Sept.
Clover, White	60	3 Qts.	Apr.-June Aug.-Oct.
Kafir	56	16 Qts.	May-June
Meadow Fescue	14	2 Bu.	Apr.-May Aug.-Sept.
Millet, Golden	50	1 Bu.	May-July
Millet, Hungarian	48	1 Bu.	May-July
Oats	32	2 Bu.	March-May
Orchard Grass	14	2 Bu.	Apr.-May Aug.-Sept.
Peas, Canada, broadcast ..	60	2 Bu.	Feb.-April
Peas, Canada, drilled	60	1½ Bu.	Feb.-April
Peas, Cow, broadcast	60	1½ Bu.	May-Aug.
Peas, Cow, drilled	60	1¼ Bu.	May-Aug.
Permanent Pasture	20	1 to 2 Bu.	Apr.-June Aug. Sept.
Rape, Dwarf Essex	50	4 Qts.	April-Aug.
Red Top, fancy	32	16 Qts.	Apr.-June Sept.-Nov.
Red Top, standard	14	2 Bu.	Apr.-June Sept.-Nov.
Rye, Winter	56	1½ Bu.	Sept.-Nov.
Rye Grass	20	1½ Bu.	Apr.-June Aug.-Oct.
Soy Beans, broadcast	60	1 to 1½ Bu.	May-Aug.
Sudan	50	16 Qts.	Apr.-June
Timothy	45	6 to 8 Qts.	Apr.-June Aug.-Nov.
Timothy and Clover:			
} Timothy		6 Qts.	
} Clover		2 Qts.	
Vetch, Spring	60	1 Bu.	March-May
Vetch, Winter	60	½ Bu.	Aug.-Nov.
Wheat	60	2 Bu.	Sept.-Oct.