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# STANDARD SEEDS



PRICE LIST  
1942

**WM. T. PHILIPPS & CO. Inc.**  
**SEEDSMEN**

519-521 Monroe Street, TOLEDO, OHIO

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Due to unsettled market conditions, prices are subject to change without notice.

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**I**N PRESENTING you with our list of Seeds for Spring and Summer planting, we beg to say that for many years we have made this our business and feel confident that the Seeds we offer will give you good satisfaction, as great care has been taken to have them grown from the finest strains and tested for vitality before we offer them for sale.

We invite critical inspection before buying elsewhere, for we feel assured that this is needed to convince you that it is not necessary to send out of the city for anything in this line.

Our prices are as low as possible for strictly high grade Seeds—the best it is possible to produce—and no better seeds are to be had at any price.

**OUR PRICES**—We shall adhere as closely as possible to the prices quoted in this catalog but the market value of some seeds is variable. This is most noticeable in grass, clover seeds, onion sets and seed potatoes. Quotations for such articles will be furnished on application.

Our prices include delivery free by mail for all Packets, Ounces and Quarter Pounds purchased from this price list. Prices on larger lots are based on purchaser paying transportation charges.

**ADDRESSES, ETC.**—In ordering, please be particular to sign your Name, also that of your Postoffice, County and State plainly; also mention mode of conveyance you prefer—whether by mail, express or freight. Serious delays are sometimes occasioned by failing to give attention to these matters.

**BAGS ARE FURNISHED AT MARKET PRICES.**

**NON-WARRANTY**—We give no warranty, expressed or implied, as to the description, purity, productiveness, or any other matter of any seed we send out, and will not be in any way responsible for the crop.

Hoping our customers will appreciate our efforts to meet their wants, and trusting we shall become better acquainted during the coming year, to our mutual profit, and soliciting a share of your orders, we remain,

Yours truly,

**Wm. T. Philipps & Co., Inc.**  
**SEEDSMEN**

519-521 Monroe St. Toledo, Ohio

# Wm. T. Philipps & Co. Inc.

## Standard Vegetable Seeds

### Asparagus

	Pkt.	Oz.	¼-lb.	Lb.
Mary Washington .....	.05	.15	.35	1.00

### Asparagus Roots

Washington .....per hundred, 1.75; per thousand, 14.00

### Beans, Bush, Green Podded

	Pkt.	½-lb.	Lb.	10 Lbs.
White Kidney.....	.10	.20	.35	1.80
White Marrow .....	.10	.20	.35	1.80
White Navy .....	.10	.20	.35	1.80
Stringless Green Pod .....	.10	.20	.35	1.80
Giant Stringless Green Pod.....	.10	.20	.35	1.80
Black Valentine, Stringless.....	.10	.20	.35	1.80
Imp. Early Rd. Pod, Red Valentine	.10	.20	.35	1.80
Bountiful .....	.10	.20	.35	1.70
Refugee or Thousand to One.....	.10	.20	.35	1.80
Tendergreen .....	.10	.20	.35	1.80
Plentiful .....	.10	.20	.40	2.00
Streamliner .....	.10	.20	.40	2.20

### Beans, Bush, Lima

Burpee's Imp. Bush Lima.....	.10	.20	.35	2.30
Fordhook Bush Lima.....	.10	.20	.35	2.40
Henderson's Baby Lima.....	.10	.20	.35	2.00

### Beans, Bush, Wax Podded

Wardwell's Kidney Wax.....	.10	.20	.35	1.90
Davis' Kidney Wax.....	.10	.20	.35	1.90
Black Wax Pencil Pod.....	.10	.20	.35	1.90
Golden Wax .....	.10	.20	.35	1.90
Sure Crop Wax.....	.10	.20	.35	1.90
Unrivald Wax .....	.10	.20	.35	1.90

### Beans, Pole

Extra Early Leviathan Lima .....	.10	.20	.35	2.00
King of the Garden—Extra Large				
White Lima .....	.10	.20	.35	2.00
Kentucky Wonder .....	.10	.20	.35	1.70
Scarlet Runner .....	.10	.20	.35	2.20
Kentucky Wonder Wax.....	.10	.20	.35	2.00

Special Prices on 5 lb. Lots and Over

**Beet**

	Pkt.	Oz.	¼-lb.	Lb.
Early Wonder .....	\$0.10	\$0.20	\$0.55	\$1.50
Crosby's Egyptian, Special.....	.10	.20	.55	1.50
Detroit Dark Red.....	.10	.20	.65	2.00
Good For All.....	.10	.20	.55	1.50
Swiss Chard .....	.10	.20	.55	1.50

**Beet, Sugar**

Klein Wanzleben Sugar.....	.10	.20	.60	1.50
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**Beet, Mangel Wurzel**

Mammoth Long Red Jumbo.....	.10	.20	.60	1.50
Golden Tankard .....	.10	.20	.60	1.50
Giant Half Sugar Rose.....	.10	.20	.60	1.50

**Special Prices on 5 lb. Lots and Over****Broccoli**

Italian Green Sprouting.....	.10	.70	2.10	7.00
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**Brussels Sprouts**

Improved Half Dwarf.....	.10	.50	1.50
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**Cabbage**

Ex. Early Jersey Wakefield.....	.10	.25	.95	2.75
Golden Acre .....	.10	.45	1.50	5.00
Copenhagen Market.....	.10	.45	1.40	4.50
Sure Head.....	.10	.40	1.50	4.90
Drumhead Savoy .....	.10	.30	1.25	4.50
Mammoth Rock Red .....	.10	.50	1.50	5.00
Ball Head, Short Stem Amager.....	.10	.45	1.35	4.25
Late Flat Dutch.....	.10	.35	.95	3.00
Detroit, Resistant .....	.10	.65	1.75	6.25
Marion Market Resistant.....	.10	.55	1.65	5.50
Wisconsin All Season, Resistant.....	.10	.50	1.40	4.50
Wisconsin Holland, Resistant.....	.10	.50	1.40	5.00
Bugner, Resistant .....	.10	.65	1.85	6.00
Globe, Enkhuizen Resistant.....	.10	.50	1.50	5.00
Red Hollander, Resistant.....	.10	.65	1.75	6.00
Chinese Chihili .....	.10	.40	1.25	3.75

**Carrot**

	Pkt.	Oz.	¼-lb.	Lb.
Chantenay, Improved .....	.10	.35	1.25	3.75
Danvers Half Long.....	.10	.35	1.00	3.15
Coreless, Nantes Half Long.....	.10	.35	1.35	4.50
Guerande or Ox Heart.....	.10	.35	1.35	4.00
Improved Long Orange.....	.10	.35	1.35	4.00
Imperator .....	.10	.35	1.35	4.00
Morse's Bunching .....	.10	.35	1.35	4.50
Supreme, Half Long.....	.10	.35	1.35	4.00

**Special Prices on 5 lb. Lots and Over****Celery**

White Plume .....	.10	.35	1.00	3.00
New Golden Self-Blanching, choice American grown from French Seed .....	.10	.50	1.50	4.50
New American Golden Self- Blanching, Tall Strain.....	.10	.50	1.50	4.50
Giant Pascal, American grown.....	.10	.50	1.50	4.50
Easy Blanching .....	.10	.50	1.50	5.00
Emperor .....	.10	.45	1.35	4.00
Golden Plume .....	.10	.60	1.80	6.00
Golden Phenomenal .....	.10	.80	2.50	8.00

**Celeriac, or Turnip-Rooted Celery**

Giant Prague .....	.10	.50	1.50	5.00
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**Cauliflower**

Extra Early Snow Ball.....	.35	3.50	.....	.....
Dry Weather; also known as Danish Giant or Gilt Edge.....	.35	3.50	.....	.....

**Chicory**

Large Rooted .....	.10	.60	1.80	6.00
Witloof or French Endive.....	.10	.50	1.50	5.00

**Collards**

True Georgian .....	.05	.15	.30	1.00
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## Corn, Sweet or Sugar

	Pkt.	½-lb.	Lb.	10 Lbs.
Golden Bantam .....	.10	.15	.30	1.70
Bardens Wonder Bantam.....	.10	.15	.30	1.80
Delue's Golden Giant .....	.10	.15	.30	1.80
New Wonder .....	.10	.15	.30	1.70
Black Mexican .....	.10	.15	.30	1.70
Country Gentleman .....	.10	.15	.30	1.70
Stowell's Evergreen .....	.10	.15	.30	1.70
Golden Sunshine .....	.10	.15	.30	1.80
Whipples Early Yellow.....	.10	.15	.30	1.80
Sensation .....	.10	.15	.30	1.80

## HYBRIDS

Golden Treasure .....	.10	.25	.45	3.70
Our Choice .....	.10	.25	.45	3.70
Surprise .....	.10	.25	.45	3.70
Early Sunshine .....	.10	.30	.50	4.50
Kingscrost (8 row).....	.10	.25	.40	2.90
Golden Cross Bantam.....	.10	.25	.40	2.90

## Special Prices on 5 lb. Lots and Over

## Corn, Pop Corn

Early White Rice.....	.10	.15	.25	1.60
Japanese Hullless .....	.10	.15	.25	1.60
South American .....	.10	.15	.25	1.60

## Corn Salad

	Pkt.	Oz.	¼-lb.	Lb.
Large Seeded .....	.10	.50	1.50	5.00

## Cress

Curled or Pepper Grass.....	.10	.35	1.00	.....
True Water.....	.10	.55	1.75	.....

## Cucumber

		Oz.	¼-lb.	Lb.
Early Green Cluster.....	.05	.15	.35	1.00
Extra Long White Spine, very fine	.05	.15	.35	1.00
Imp. Long Green.....	.05	.20	.60	1.75
West Indian Gherkin .....	.05	.15	.40	1.35
Chicago Pickling .....	.05	.15	.40	1.10
Boston Pickling .....	.05	.15	.40	1.10
New Davis Perfect.....	.05	.15	.45	1.35
Early Fortune .....	.05	.15	.45	1.35
Longfellow .....	.05	.20	.60	1.75
Straight 8 .....	.10	.20	.60	1.75
A & C Fine Slicer.....	.05	.20	.70	2.10
National Pickling .....	.05	.15	.40	1.25



**Dandelion**

Improved Large Leaved.....	.10	.75	.....	.....
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**Egg Plant**

	Pkt.	Oz.	¼-lb.	Lb.
New York Improved Purple.....	\$0.10	\$0.40	\$1.25	\$4.00
Black Beauty .....	.10	.40	1.25	4.00

**Endive**

Green Curled .....	.05	.15	.40	1.25
Broad Leaved.....	.05	.15	.40	1.25
White Curled.....	.05	.15	.40	1.25
Giant Green Fringed.....	.05	.15	.40	1.25

**Gourds**

Mixed .....	.05	.20	.60	.....
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**Kale or Borecole**

Curled Tall Green Scotch.....	.10	.20	.50	1.50
Curled Dwarf Green.....	.10	.20	.50	1.50

**Kohl Rabi**

Early White Vienna.....	.10	.45	1.30	4.50
Early Purple Vienna.....	.10	.45	1.30	4.50

**Leek**

Large Imp. London Flag.....	.10	.75	2.25	8.00
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**Lettuce**

Grand Rapids, Select.....	.05	.15	.50	1.75
Grand Rapids, Tip Burn Resistant..	.05	.20	.60	2.00
Iceberg (Head) .....	.05	.15	.45	1.25
Black Seeded Simpson.....	.05	.15	.45	1.25
Prize Head .....	.05	.15	.45	1.25
California Cream Butter (Head)....	.05	.15	.45	1.25
Early White Seeded Simpson.....	.05	.15	.45	1.25
Big Boston (Head) .....	.05	.15	.45	1.25
May King (Head).....	.05	.15	.45	1.25
Kingsholm Cos. ....	.05	.15	.45	1.25
New York or Wonderful .....	.05	.15	.50	1.75
Chicken .....	.05	.15	.45	1.25

**Special Prices on 5 lb. Lots and Over**

**Musk Melon**

	Pkt.	Oz.	¼-lb.	Lb.
Tip Top .....	\$0.05	\$0.15	\$0.45	\$1.25
Extra Early Osage.....	.05	.15	.45	1.25
Hearts of Gold.....	.05	.15	.45	1.25
Bender's Surprise.....	.05	.15	.45	1.25
Milwaukee Market .....	.05	.15	.45	1.25
Honey Rock .....	.05	.15	.45	1.25
Hale's Best .....	.05	.15	.45	1.25
Pride of Wisconsin.....	.05	.20	.50	1.65

**Water Melon**

Tom Watson.....	.05	.10	.25	.75
Round Light Icing.....	.05	.10	.25	.75
Preserving Citron.....	.05	.10	.25	.75
Kleckley Sweets.....	.05	.10	.30	1.00
Stone Mountain .....	.05	.15	.30	1.00
Dixie Queen .....	.05	.15	.45	1.25
Harris' Earliest .....	.05	.10	.30	.85

**Mustard**

White English.....	.05	.15	.30	1.00
Fordhook Fancy .....	.05	.15	.30	1.00

**Okra**

Dwarf .....	.05	.10	.20	.60
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**Onion Sets**

		Lb.	Bu.
Yellow Bottom Sets .....		.20	\$.....
White Bottom Sets .....		.25	.....
Bushel prices on application.			

**Onion**

	Pkt.	Oz.	¼-lb.	Lb.
Yellow Globe Danvers.....	\$0.10	\$0.65	\$1.75	\$6.50
Southport Yellow Globe.....	.10	.65	2.00	7.50
Southport Red Globe.....	.10	.65	1.75	6.50
Southport White Globe.....	.10	.65	2.00	7.50
White Portugal or Silverskin.....	.10	.65	2.00	7.50
Early Yellow Globe.....	.10	.65	1.75	6.00
Ebenezer .....	.10	.50	1.50	4.50
Riverside Sweet Spanish.....	.10	.65	2.00	7.00
Brigham's Yellow Globe.....	.10	.65	2.00	7.50

**Special Prices on Large Quantities**

**Parsley**

	Pkt.	Oz.	¼-lb.	Lb.
Champion Moss Curled.....	\$0.05	\$0.10	\$0.35	\$1.00
Extra Double Curled.....	.05	.10	.35	1.00
Plain or Single.....	.05	.10	.35	1.00
Hamburg or Turnip.....	.05	.10	.35	1.00
Paramount .....	.05	.10	.35	1.00

**Parsnip**

Imp. Hollow Crown.....	.10	.20	.60	1.75
All American .....	.10	.20	.65	2.00

**Peas**

	Pkt.	½-lb.	Lb.	10 Lbs.
Mammoth Pod Ex. Early.....	\$0.10	\$0.20	\$0.35	\$2.10
Ex. Early Alaska Wilt Resistant...	.10	.20	.35	1.80
Nott's Excelsior .....	.10	.20	.35	1.80
Hundredfold .....	.10	.20	.35	1.90
Bliss' American Wonder.....	.10	.20	.35	1.90
Gradus or Prosperity.....	.10	.20	.35	1.90
Laxtonian .....	.10	.20	.35	1.90
Thomas Laxton .....	.10	.20	.35	1.90
McLean's Little Gem.....	.10	.20	.35	1.80
Telephone Improved .....	.10	.20	.35	1.90
Sugar Edible Pod.....	.10	.20	.35	2.20
Alderman .....	.10	.20	.35	1.90
World Record .....	.10	.20	.35	1.90
Little Marvel .....	.10	.20	.35	2.10
Laxtons Progress .....	.10	.20	.35	2.00

**Special Prices on 5 lb. Lots and Over**

**Pepper**

	Pkt.	Oz.	¼-lb.	Lb.
Harris Early Giant .....	\$0.10	\$0.40	\$1.10	\$3.50
Large Bell or Bull Nose .....	.10	.40	1.10	3.25
Long Red Cayenne .....	.10	.40	1.10	3.25
Golden Queen.....	.10	.40	1.25	4.50
Sunnybrook Pimento .....	.10	.40	1.10	3.50
California Wonder .....	.10	.50	1.50	5.00
Yellow Hungarian .....	.10	.50	1.50	5.00
World Beater .....	.10	.40	1.25	3.75
King of the North.....	.10	.50	1.50	5.00
Windsor A .....	.10	.50	1.50	5.00
Oakview Wonder .....	.10	.50	1.50	5.00

**Potatoes**

Early Irish Cobbler.....	}	(Ask for prices; state variety and quantity)
Early Ohio.....		
Russet Rural or Petoskey.....		

**Pumpkin**

	Pkt.	Oz.	¼-lb.	Lb.
Large Sweet Cheese.....	\$0.05	\$0.10	\$0.25	\$0.75
Connecticut Field.....	.05	.10	.25	.75
Sugar or Pie.....	.05	.10	.30	.85

**Radish**

Early Scarlet Globe .....	.05	.10	.30	.85
Early Scarlet Turnip White Tip.....	.05	.10	.30	.85
French Breakfast .....	.05	.10	.30	.85
Wood's Early Frame .....	.05	.10	.30	.85
Early Long Scarlet .....	.05	.10	.30	.85
Cincinnati Market .....	.05	.10	.30	.85
Long White Lady Finger or Vienna	.05	.10	.30	.85
Crimson Giant .....	.05	.10	.30	.85
Icicle .....	.05	.10	.30	.85
White Strasburg .....	.05	.10	.30	.85
Improved Chartier .....	.05	.10	.30	.85
Celestial .....	.05	.10	.30	.85
Long Black Spanish .....	.05	.10	.30	.85
Rose Scarlet China Winter .....	.05	.10	.30	.85
Giant White Summer.....	.05	.10	.30	.85
Round Black Spanish .....	.05	.10	.30	.85

**Special Prices on 5 lb. Lots and Over****Salsify**

Mammoth Sandwich Island.....	.10	.20	.60	1.75
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**Squash**

Hubbard Warted .....	.05	.15	.50	1.60
Mammoth White Bush.....	.05	.15	.45	1.25
Ex. Large Golden Bush.....	.05	.15	.45	1.25
Giant Summer Crookneck.....	.05	.15	.45	1.25
Delicious .....	.05	.15	.45	1.25
Boston Marrow .....	.05	.15	.45	1.25
Italian (Cocozella) .....	.05	.15	.50	1.35
Blue Hubbard .....	.05	.15	.60	1.50
Table Queen or Acorn.....	.05	.15	.45	1.25
Table Queen, Large.....	.05	.15	.60	1.50

**Special Prices on 5 lb. Lots and Over****Spinach**

New Zealand .....	.05	.20	.60	1.50
Virginia Savoy Yellow Resistant....	.05	.15	.30	1.00

**Special Prices on Large Quantities**

**Tomato**

	Pkt.	Oz.	¼-lb.	Lb.
Break O'Day .....	\$0.10	\$0.35	\$1.00	\$3.50
Spark's Earliana .....	.10	.35	1.00	3.00
Bonny Best.....	.10	.35	1.00	3.00
Marglobe .....	.10	.40	1.10	3.50
John Baer.....	.10	.40	1.10	3.50
Livingston's Globe .....	.10	.45	1.35	4.00
New Dwarf Champion.....	.10	.45	1.35	4.00
Greater Baltimore.....	.10	.30	.85	2.75
Stone Selected .....	.10	.30	.90	3.00
Ponderosa .....	.10	.50	1.65	5.50
Oxheart .....	.10	.75	2.25	.....
Yellow Plum.....	.10	.30	1.25	.....
Golden Queen.....	.10	.30	1.00	.....
Pritchard .....	.10	.50	1.25	4.00
Bonny Best, Certified.....	.10	.40	1.25	4.00
Greater Baltimore, Certified.....	.10	.35	1.00	3.50
Stokesdale .....	.10	.50	1.50	5.00
Valient .....	.10	.50	1.50	5.00
Rutgers—Certified .....	.10	.50	1.50	5.00
Indiana Baltimore .....	.10	.45	1.35	4.00
Victor .....	.15	.90	2.70	.....

**Tobacco**

Connecticut Seed Leaf.....	.05	.50	.....
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**Turnip**

Extra Early Milan, Purple Top.....	.05	.15	.35	1.00
Early Flat Red or Purple Top.....	.05	.10	.25	.60
Purple Top White Globe.....	.05	.10	.25	.60
Early White Egg.....	.05	.10	.25	.60
Yellow Aberdeen.....	.05	.10	.25	.60
Pomeranian White Globe.....	.05	.10	.25	.60
Golden Ball.....	.05	.10	.25	.60
Long White Cow Horn.....	.05	.10	.25	.60
Foliage .....	.05	.10	.30	.75

**Ruta Baga**

Imp. American Swede.....	.05	.15	.40	1.00
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**Rhubarb**

Victoria .....	.10	.20	.60	1.50
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**BIRD SEED**

Seeds below are for feeding, not for planting.  
Prices not prepaid.

	Lb.	10 Lbs.
Hemp .....	\$0.25	\$2.25
Rape .....	.15	1.25
Millet .....	.15	1.25
Canary .....	.15	1.25
Sunflower .....	.15	1.25

## Sweet Herbs

	Pkt.	Oz.	¼-lb.	Lb.
Anise .....	\$0.10	\$0.45	\$ .....	\$ .....
Balm .....	.10	.65	.....	.....
Basil .....	.10	.65	.....	.....
Borage .....	.10	.45	.....	.....
Caraway .....	.10	.45	.....	.....
Catnip .....	.10	1.00	.....	.....
Chervil .....	.10	.45	.....	.....
Coriander .....	.10	.65	.....	.....
Dill .....	.10	.25	.65	1.75
Fennel .....	.10	.35	.....	.....
Horehound .....	.10	.50	.....	.....
Lavender .....	.10	1.50	.....	.....
Marjoram, Sweet .....	.10	.75	.....	.....
Rosemary .....	.10	.90	.....	.....
Rue .....	.10	1.25	.....	.....
Sage .....	.10	2.50	.....	.....
Saffron .....	.10	.75	.....	.....
Summer Savory.....	.10	.75	.....	.....
Garden Sorrel.....	.10	1.00	.....	.....
Wormwood .....	.10	1.50	.....	.....
Thyme .....	.10	1.50	.....	.....

## Standard Flower Seeds

## Aster

	Pkt.	Oz.
Good, Double Mixed, Wilt Resistant.....	\$0.10	\$1.00
Queen of the Market, White Wilt Resistant.....	.10	1.65
Queen of the Market, Shell Pink Wilt Resistant.....	.10	1.65
Queen of the Market, Dark Blue Wilt Resistant.....	.10	1.65
Giant Comet, Deep Rose, Wilt Resistant.....	.10	1.65
Giant Comet, Purple, Wilt Resistant.....	.10	1.65
Giant Comet, Mixed, Wilt Resistant.....	.10	1.65
American Branching, White, Wilt Resistant.....	.10	1.65
American Branching, Shell Pink, Wilt Resistant.....	.10	1.65
American Branching, Light Blue, Wilt Resistant.....	.10	1.65
American Branching, Deep Rose, Wilt Resistant.....	.10	1.65
American Branching, Purple, Wilt Resistant.....	.10	1.65
American Branching, Mixed, Wilt Resistant.....	.10	1.65
Heart of France, Bright Crimson W. Resistant.....	.15	2.50

Acroclinium, Double Mixed..... .10 .40

Ageratum, Blue Ball..... .10 .80

Perfection .....
 .10 | .80 |

## Alyssum

Sweet Alyssum .....	.05	.30
Little Gem, Dwarf.....	.10	.50

	Pkt.	Oz.
<b>Antirrhinum (Snapdragon)</b>		
Scarlet .....	\$ .10	\$1.00
Pink .....	.10	1.00
Yellow .....	.10	1.00
White .....	.10	1.00
Tall Mixed .....	.10	1.00
Dwarf Mixed .....	.10	1.00
Rust Proof, U. of Cal. Mixture.....	.15	2.50
<b>Balloon Vine.....</b>	.05	.20
<b>Balsam</b>		
Double White .....	.10	.75
Double Scarlet .....	.10	.75
Double Mixed .....	.10	.60
<b>Calendula, Mixed.....</b>	.05	.55
<b>Calendula, Campfire Improved Florist Strain.....</b>	.15	1.25
<b>Calliopsis, Dwarf Mixed.....</b>	.05	.40
<b>Calliopsis, Tinctoria Tall Mixed.....</b>	.05	.40
<b>Coreopsis, California Sunbeam.....</b>	.10	.75
<b>Candytuft</b>		
Giant White Hyacinth Flowered.....	.10	.75
Mixed .....	.05	.35
<b>Canterbury Bells</b>		
Single .....	.10	.60
Double .....	.10	1.50
Cup and Saucer, Mixed.....	.10	1.50
<b>Carnation</b>		
Vienna Dwarf, Mixed.....	.10	1.25
Marguerite, Mixed .....	.10	1.75
<b>Celosia</b>		
Cristata (Cockscomb), Mixed.....	.10	1.00
Childsii (Chinese Woolflower), Crimson.....	.10	1.50
<b>Centaurea Cyanus (Bachelor's Button)</b>		
Double Blue.....	.10	.40
Double Mixed.....	.05	.35
<b>Centaurea Imperialis (Royal Sweet Sultan), Mixed.....</b>	.10	.50
<b>Columbine</b>		
Single Mixed .....	.10	1.00
Double Mixed .....	.10	2.00
Long Spurred, Mixed .....	.20	3.25
<b>Cosmos</b>		
Giant Mixed .....	.05	.30
Early Flowering .....	.05	.30
Early Double Crested, Mixed .....	.15	1.50
Klondyke Orange Flare.....	.10	.75
<b>Clarkia</b>		
Double and Single Mixed.....	.10	.75

	Pkt.	Oz.
Cypress Vine.....	.05	.30
<b>Dahlia</b>		
Double From Named Varieties.....	.15	1.50
Single Dwarf Giant Flowered.....	.15	3.00
<b>Daisy</b>		
Shasta, Alaska .....	.10	2.00
Swan River, Mixed.....	.10	1.25
Double Mixed .....	.10	2.00
African Mixed .....	.10	1.00
Arctotis Grandis .....	.10	1.00
Arctotis Hybrids .....	.25	5.00
<b>Dianthus (China Pinks)</b>		
Single Mixed .....	.10	.40
Double Mixed.....	.10	.50
<b>Didiscus, Blue Lace Flower.....</b>	.10	1.00
<b>Digitalis (Foxglove), Mixed.....</b>	.10	.60
<b>Delphinium</b>		
Hardy Larkspur Finest Mixed.....	.10	1.00
Hollyhock Strain.....	.25	6.00
Wrexham Strain .....	.25	5.00
Blackmore and Langdon Strain.....	.25	5.00
Pacific Giants, Mixed.....	.50	12.00
<b>Eschscholtzia (California Poppy), Orange.....</b>	.05	.40
<b>Euphorbia, Snow on the Mountain.....</b>	.10	1.00
<b>Forget-Me-Not</b>		
Alpestris Royal Blue.....	.10	1.00
Mixed .....	.10	.90
<b>Four o'Clock, Mixed.....</b>	.10	.25
<b>Gaillardia</b>		
Single Mixed.....	.10	.40
Perennial, Mixed .....	.10	.75
<b>Geum, Mrs. Bradshaw Scarlet.....</b>	.15	2.75
Lady Stratheden Yellow .....	.15	3.00
<b>Gomphrena (Globe Amaranth), Mixed.....</b>	.10	.40
<b>Gypsophila</b>		
Elegans Grandiflora Alba .....	.05	.25
Paniculata Alba, Perennial .....	.10	.50
Paniculata Alba, Per Double.....	.15	5.00
<b>Helianthus (Sunflower).....</b>	.10	.50
<b>Helichrysum</b>		
Crimson .....	.10	.50
Rosecarmine .....	.10	.50
Salmon Queen.....	.10	.50
Double Mixed.....	.10	.50
<b>Hollyhock</b>		
Double Mixed.....	.10	1.00
Single Mixed .....	.10	.50
<b>Hyacinth Bean, Mixed.....</b>	.05	.20
<b>Kochia Childsii, Summer Cypress .....</b>	.05	.30
<b>Kudzu Vine .....</b>	.10	.50
<b>Larkspur, Double Mixed.....</b>	.05	.60
<b>Lathyrus Latifolius (Hardy Sweet Peas).....</b>	.15	.75
<b>Lupinus, Mixed.....</b>	.05	.35



	Pkt.	Oz.
<b>Marigold</b>		
African Double Mixed.....	.05	.50
French Double Mixed.....	.05	.50
Orange Queen .....	.10	1.60
Lemon Queen .....	.10	1.60
Harmony .....	.10	.80
Yellow Supreme .....	.10	.90
Guinea Gold, .....	.10	1.25
Tagates Little Gem.....	.10	1.00
Sunset Giants.....	.15	1.60
<b>Mignonette, Sweet</b> .....	.10	.70
<b>Moonflower (Ipomea Noctiflora), Black Seed</b> .....	.10	.40
<b>Morning Glory</b>		
Convolvulus Major, Mixed.....	.05	.20
Japanese or Emperor, Mixed.....	.05	.25
Heavenly Blue .....	.10	.75
Scarlett O'Hara .....	.10	2.00
<b>Nasturtium</b>		
Dwarf Mixed, ¼ Lb. \$0.30; 1 Lb. \$1.00.....	.05	.10
Tall Mixed, ¼ Lb. \$0.30; 1 Lb. \$1.00.....	.05	.10
Golden Gleam .....	.10	.15
Gem Dwarf Mixture.....	.10	.15
<b>Nicotiana (Flowering Tobacco)</b> .....	.10	.75
<b>Nigella (Love-In-A-Mist)</b> .....	.10	.35
<b>Pansy</b>		
Good Mixed .....	.15	3.00
Trimardeau Mixed.....	.20	4.00
Riggoli Swiss Giants.....	.35	10.00
<b>Petunia Hybrid, Mixed</b> .....	.10	1.00
Balcony Rose .....	.15	5.00
Balcony Deep Blue.....	.15	5.00
Dwarf Giants of California.....	.50	70.00
Rosy Morn Dwarf.....	.15	4.00
Flaming Velvet .....	.15	5.00
Heavenly Blue .....	.15	4.00
Snow Queen .....	.15	4.00
<b>Phlox Drummondii</b>		
Scarlet .....	.15	2.50
Fine Mixed .....	.10	2.00
<b>Poppy</b>		
Double Mixed.....	.05	.30
Shirley Mixed.....	.05	.40
Single Mixed.....	.05	.40
Oriental Scarlet.....	.25	1.50
Iceland, Single Mixed.....	.25	1.50
<b>Portulaca</b>		
Mixed .....	.10	1.25
Double Mixed .....	.15	2.50
<b>Pyrethrum, Mixed</b> .....	.15	2.00
<b>Ricinus (Castor Oil Beans), Mixed</b> .....	.05	.20
<b>Salpiglossis, Finest Mixed</b> .....	.10	1.25
<b>Salvia, Fireball</b> .....	.25	4.00
<b>Scabiosa (Morning Bride), All Colors Mixed</b> .....	.05	.50

Statice, Choice Mixed.....			.10	.40
Latifolia .....			.15	1.50
Stocks, Mixed.....			.15	1.50
Mammoth Early Branching, "Nice".....			.25	2.00
Sweet Peas, Spencer Varieties	Pkt.	Oz.	¼-lb.	Lb.
Ambition, Lavender .....	\$0.10	\$0.25	\$0.75	\$2.00
Avalanche, White .....	.10	.25	.75	2.00
Pinkie, Good pink.....	.10	.25	.75	2.00
Red Boy, Rich crimson.....	.10	.25	.75	2.00
Superb Spencer Mixed.....	.10	.15	.50	1.50
Sweet William			Pkt.	Oz.
Single Mixed.....			.10	.75
Double Mixed .....			.10	1.00
Thunbergia, Finest Mixed.....			.10	.75
Verbena, Mixed .....			.10	1.50
Lucifer, Scarlet .....			.10	2.00
Venidium Fastuosum, Veldt Daisy.....			.20	4.00
Wild Flower Garden.....			.05	.40
Wild Cucumber .....			.10	.15
Zinnia				
Dwarf Double Mixed.....			.05	.40
Tall Double Mixed.....			.05	.40
Giant Dahlia, Flowering Mixed.....			.10	1.00
Double Giant, Bright Rose .....			.10	1.00
Double Giant, Orange and Gold.....			.10	1.00
Double Giant, Scarlet .....			.10	1.00
Lilliput, Rosebud, Crimson and Golden Gem.....			.10	1.00
Lilliput, Mixed .....			.10	1.00
Scabiosa Flowered, Mixed .....			.10	1.50
Summer Flowering Bulbs		Each		Per Doz.
Caladium Esculentum.....	\$0.10 to \$0.40		\$1.00 to \$3.00	
Cannas .....		.10		.85
Dahlia .....		.15		1.50
Gladiolas, Mixed.....		.10	.50 to	1.00
Maderia Vine Root.....		.10		.75
Tuberoses .....		.10		1.00
Field Corn. (Ask for price; state variety and quantity.)				
Early Orange Yellow Dent.....				
Improved Leaming.....				
White Cap Early Yellow Dent.....				
Red Cob Ensilage.....				
Hybrid Corn, Iowa 939 and K23.....				
Farm, Grass and Clover Seeds. (Ask for prices; state variety and quantity.)				
Timothy .....			Dwarf Essex Rape.....	
Hungarian .....			Field Peas.....	
Millet .....			Alsike Clover .....	
Barley .....			Alfalfa or Lucerne Clover	
Buckwheat .....			Red Clover .....	

VITAMIN B1 enough to make 2000 Gallons \$1.00

## Lawn Grass Seed

Our Fancy Park, Philipps Special and Shady Nook Lawn Grass Mixtures that are so popular with the landscape gardeners are composed of the very best and cleanest grass seed obtainable, no chaff or filler being used. And while the cost per pound may be greater, the cost per lawn will be smaller, as heavy sound, clean seed mixtures of good germination will go much farther than seed that runs thirty to fifty per cent chaff. And in using our grasses you are assured of the minimum amount of weeds, and the maximum in lawn perfection.

**Fancy Park Lawn Grass.** This splendid mixture produces beautiful, permanent lawns. It is composed of grasses which are adapted for the purpose of producing turf that retains its rich, green color throughout the entire summer. In making up this brand we are careful to use only fancy, re-cleaned seed. Per lb. 55c; 5 lb. \$2.50.

**Philipps Special Lawn Grass.** This is a first-class mixture that will quickly give a thick, green sod. It is composed of good, clean seed and will be found well adapted for general lawn purposes. Per lb. 50c; 5 lb. \$2.25.

**Shady Nook Lawn Grass.** For obtaining a satisfactory growth of grass under trees and in other shady places this mixture, which contains a variety of strong-rooted grasses, is most suitable. Per lb. 65c; 5 lb. \$3.00.

**White Clover.** Excellent for lawns when mixed with other grasses. Does not stand dry, hot weather well, but tends to keep crab grass in check. Lb. \$1.10; 10 lb. \$10.00.

**Kentucky Blue Grass.** Used more for lawns than any other grass. It is slow to start, however, and should be mixed with other quick-growing dwarf grasses. Does best on lime-stone soils, well enriched. Dark green in color; forms a close, thick turf and is very hardy. Heavy, fine, clean seed. Lb. 50c; 10 lb. \$4.50.

**Red Top.** One of the Bent grasses. Used on golf courses and in all good lawn mixtures. Does well in wet places and under unfavorable conditions. Is drought-resistant. Lb. 45c; 10 lb. \$3.75.

**Domestic Rye Grass.** Makes a quick growth but does not make a permanent lawn. Should be used in mixture with hardy grasses as a nurse. Valuable where quick results are desired. Lb. 30c; 10 lb. \$2.50.

**Rough-Stalk Meadow.** One of the best grasses for shady places. Should be used in all shady place mixtures. Lb. \$1.50.

**Chewing's Fescue.** A valuable grass, used in most good mixtures. Especially good in shady places. Lb. 85c; 10 lb. \$7.50.

**Seaside Bent.** Extensively used on putting greens and for mixing with other grasses. Lb. \$1.35; 10 lbs. \$12.50.

**SPECIAL QUOTATIONS.** — We are always pleased to quote special prices to parks, institutions, golf clubs, and others who require Lawn Grass Seed in large quantities. Prices subject to market change.

## SELECTED HYBRID TEA ROSES

E. G. Hill  
Francis Scott Key  
Red Radiance  
Etoile De Holland  
Margaret McGredy  
Betty Upprichard  
Edith Nellie Perkins  
Pink Radiance  
Dorothy Page Roberts  
Golden Charm  
Golden Dawn  
Mrs. E. P. Thom  
Talisman  
Padre  
President Hoover  
K. A. Victoria

## PATENTED ROSES

### Climbers

Blaze, Scarlet .....\$1.00  
Dobloons, Large Yellow..... 1.00  
Golden Climber ..... 1.00  
Flash, Orange Scarlet..... 1.00

### Floribundas

Anne Poulson, Scarlet..... .75  
Permanent Wave, Rose Pink.... .75  
World's Fair, Velvet Crimson.... .75  
Carillion, Soft Coral..... .85

### Hybrid Tea

Countess Vandal  
Salmon Gold ..... 1.00  
Eclipse, Gol. Yellow..... 1.00

Boxed roses, each 65c, doz..... 6.50

Tagged roses, each 55c, doz..... 5.50



The Arnold Garden Hose Sprayer attaches directly to the garden hose, and as the water passes through the cartridge chamber, the insecticide, in cartridge form, is dissolved in the proper quantity so that the resulting solution discharged from the nozzle in a fine spray is adequate for insecticide control and fungus prevention. Sprayer complete with 6 cartridges including nicotine, colloidal sulphur, and pyrethrum-rotenone, \$6.25. Additional cartridges, 35c each.

## Complete Protection for ROSES

# TRI-GEN

*The all-purpose spray*

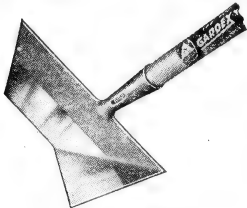
This complete Rose Garden Spray Treatment—Tri-ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks.

Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant blooms.

### *In four sizes:*

A. Small Kit (makes 16 quarts)..... \$1.50  
B. Medium Kit (makes 64 quarts).... 4.00  
C. Large Kit (makes 32 gallons)..... 6.00  
D. Estate Kit (makes 128 gallons).... 20.00

**GARDEX TURF EDGER**



No. 400—4½ ft. Handle...\$1.30

Surpasses all others. Edges lawns, borders, flower beds, as fast as walking. Gives a neater, better job. Sharpened on all sides except top. Works forward or backward. Cuts turf vertically and horizontally in one operation. By tilting to 45° angle, it cuts clean V-shape groove between sidewalk and lawn. Side wing also used to lift sod out as it cuts. Home owners and gardeners will rave about it once they try it.

**GARDEX PULL HOE**

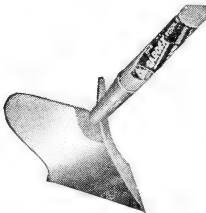
Works 5 times faster.



No. 1004 —4 " w. 4½' hd'l.....\$1.10  
No. 1005½—5½" w. 5 ' hd'l..... 1.25

With an Easy Pull the sharp V-Shape Blade bites into ground. As you walk along it weeds and cultivates. The side guards protect plants when doing fast close work. Soil flows over blade finely mulched and it gets every weed. The greatest improvement in hoes ever made.

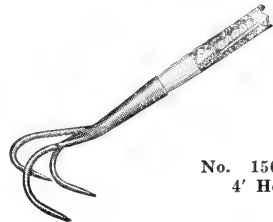
**GARDEX HAND PLOW**



No. 2006—6" w. 5' handle.....\$1.75

Excellent tool for hilling corn, potatoes, plants, etc. Covering furrows and making irrigation ditches around gardens. With an easy pull it digs in and works well in light or heavy soil. Polished Mold Boards.

**GARDEX CULTIVATOR**



No. 150-3 —  
4' Hd'l 80c

The easiest 3 prong tool to operate. Position and construction of the High Carbon Steel Tines cause them to penetrate any soil without effort, loosening and cultivating the ground thoroughly. Every garden owner will want this quality, low priced tool.

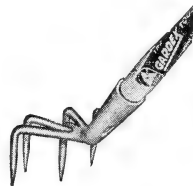
**GARDEX JR. WEEDER**



No. 700 4" wide  
7" hd'l 25c

Ideal for mulching soil and weeding close to plants in boxes, borders, hot beds, hedges, flower beds, etc. Gets in smallest crowded spaces by using V angle. Sharpened on both sides up to handle and works forward or backward. Every apartment dweller, flat owner and gardener can use it to advantage.

**GARDEX CULTI-CLAW**



The Ideal Tool for Flower and Rock Gardens. Gets close up to plants and reaches those hard, inaccessible places. With this long handle Claw you can get in between plants and flowers in rock gardens, also under shrubbery and thorny bushes. Don't have to bend or get down on your knees and it cultivates thoroughly.

No. 180—4" handle.....\$1.00



National  
**Eezy Wear**  
Garden Gloves

Price, 75c a pair.

Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium," and "Large."

## INSECTICIDES AND FUNGICIDES

# Antrol

\*The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating insects. It is composed of small glass containers and a special formula of syrup. Antrol sets containing 4 containers and one 4-oz. bottle of syrup 75c; Antrol extra containers, 15c each;



Antrol syrup, 4-oz. bottle, 35c; 85c per pt.

- \***ARSENATE OF LEAD (Powdered).** 1 lb. to 1½ lbs. dilutes to 50 gals. of water or may be used dry like Paris Green. Per ½ lb., 20c; 35c per lb.; 4 lbs. 85c.
- \***BLACK LEAF 40.** Per 1 oz. bottle, 36c; \$1.05 per 5 oz.; 1 lb. \$2.50; 2 lbs. \$3.70; 5 lbs., \$6.90; \$10.90 per 10 lbs.
- \***BORDEAUX MIXTURE (Powder).** 12½% copper mixture, for spraying purposes. 35c per lb.; 4 lbs. 85c.
- LETHANE 440.** Spray control for Red Spider and all sucking insects. 2 oz., 35c; 6 oz., \$1.00; 1 qt., \$2.00; 1 gal., \$5.50.
- \***CYANOGAS. (Calcium Cyanide).** A valuable insecticide for greenhouse fumigation, for destroying aphis, white fly, soft scale, thrips, etc. It is scattered along the walks, and the house closed for the night. Per lb., 75c; 3.00 per 5 lbs.; 25 lbs., \$10.00. Descriptive circular free.
- \***PYROX (Bowker's).** A combined insecticide and fungicide for all leaf eating insects, blights and fungous troubles; it is a pasty substance and needs only to be mixed with cold water. Per lb., 50c; \$1.75 per 5 lbs.; \$5.00 per 25 lbs.
- DEVIL DUST.** A powder to control aphis, thrips, slugs, millers, etc. also fungus. 1 lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00; 10 lbs. \$3.25; 25 lbs. \$7.00; 50 lbs. \$12.50; 100 lbs. \$24.00
- EVERGREEN INSECTICIDE.** A non-poisonous insecticide, recommended for killing a wide variety of insects on plants and flowers. Per 1 oz., 35c; \$1.00 per 6 ozs.; 16 ozs. \$2.15.
- \***LIME SULPHUR.** For scale insects on trees and shrubs, and such fungous diseases as can be treated in winter or early spring also for leaf curl of peaches. Per qt., 35c; 75c per gal.; \$3.00 per 5 gals.; ½ bbl. (30 gals.), \$7.50; \$10.00 per bbl. (50 gals.).
- LIME SULPHUR (Dry Powder Form).** Dilute 1 lb. to 6 gals. of hot or cold water. Per lb., 35c; \$1.45 per 5 lbs.; 12½ lbs., \$2.25.
- \***NICO FUME (Liquid).** For use as a spray or vapor, for controlling green fly, aphis, etc., in greenhouses and outdoors. Per ¼ lb., 75c; \$2.45 per lb., 4 lbs., \$6.55; \$11.25 per 8 lbs.
- \***NICO FUME PRESSURE FUMIGATORS.** A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Per lb. can, 75c; 12 cans, \$7.40; ½ lb. can, 45c; 12 cans, \$4.45.
- \***FUNGTROGEN.** A highly concentrated form of fungicide that will conquer mildew and control black spot on roses. It also supplies an essential fertilizer. Dilutes 1 part with 60 parts of water. 75c per ½ pint; pint, \$1.25.
- ROTENONE DUST.** Can be dusted or used as a spray. Per lb., 30c; 5 lbs., \$1.00; 25 lbs., \$3.50; 100 lbs., \$12.00.
- RED ARROW.** A pyrethrum rotenone spray. 1 oz., 35c; 5 oz., \$1.00; 1 pint, \$2.85; quart, \$5.00.

## INSECTICIDES AND FUNGICIDES

**PARA DICHLOROBENZINE.** For peach tree borers; full directions on each package. Can be used successfully only during August and September, the makers claim it is not effective if used at other seasons. Do not use on very young trees. Ask for descriptive circular. Per 1 lb. can, 50c.

\***PARIS GREEN.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound of Paris Green to 100 pounds Land Plaster. Per  $\frac{1}{4}$  lb., 20c; 30c per  $\frac{1}{2}$  lb.; lb., 55c; \$2.50 per 5 lbs.

\***SEMESAN (DuBay).** A mercuric disinfectant for the control of many seed, plant and soil diseases. One ounce treats 15 lbs. of seed. Per 2 oz., 40c; \$2.50 per lb.; 5 lbs., \$11.40; \$52.50 per 25 lbs.; 100 lbs., \$198.00.

\***SEMESAN BEL (DuBay).** For treating seed potatoes before planting, controlling seed-borne diseases. 1 lb. treats 70 to 80 bushels of seed. 2 oz., 30c; \$1.65 per lb.; 5 lbs., \$7.15; \$33.25 per 25 lbs.; 100 lbs., \$125.00.

\***SEMESAN JR. (DuBay).** For controlling seed-borne diseases of seed field and sweet corn; protects the seed from rotting in the ground. Per  $1\frac{1}{2}$  oz., 15c; 75c per lb.; 5 lbs., \$3.00.

\***NEW IMPROVED CERESAN (DuBay).** For treating the seed of small grains, such as barley, oats, wheat, or rye against destructive grain diseases. 2 to 3 ounces are required for one bushel of seed. 4 oz., 30c; 80c per lb.; 5 lbs., \$3.40; 25 lbs., \$15.00.

\***SUNOCO SPRAY OIL.** For the control of scale insects, red spider, aphid, thrip, etc.; cheap, effective and pleasant to handle. Per gal., \$1.25; 5 gals., \$5.00; \$7.95 per 15 gals.; 30 gals., \$13.20; \$21.75 per 55 gals. Returnable steel drums, \$4.00.

114Y gives a very high kill and satisfactory control of red spider, thrips, white fly and green fly. Quart \$2.50; Gal. \$8.50.

\***VOLCK.** A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphid, thrip, etc.; not only kills the insects but also acts as a repellent. Per  $\frac{1}{2}$  pint, 35c, 55c per pint; quart, 80c; \$2.50 per gal.; 5 gals., \$7.50.



**SNAROL.** An insecticide bait to combat snails, cutworms, sow bugs and grasshoppers. Price,  $1\frac{1}{2}$  lb., 35c; 4 lbs., 85c.

**SULPHUR.** Used principally in greenhouses for checking mildew. It is also used as a preventative and cure for San

Jose Scale, when it is used in connection with lime and salt. Per lb., 15c.

**POMO-GREEN.** The leaf-green dust; protects roses and other flowering plants against insects and fungous diseases, without making the treatment conspicuous. Per 1 lb. can, 50c; \$1.75 per 5 lb. carton. With Nicotine, per lb. 75c.; \$3.00 per 5 lbs.

**SLUG SHOT, HAMMOND'S—**  
One of the best insecticides for vegetables in use. Non-poisonous to human life. Price, 1 lb., 25c; 5 lb. pkgs., \$1.00;

**GRAPE DUST.** Excellent for the prevention and destruction of mildew on plants. 1 lb. 35c 5 lbs., \$1.25.

# Snarol

*The National Pest Control*



## Health and Beauty Follow Loma

Apply this scientific, highly efficient Plant Food and your lawns, flowers, shrubs and trees will "blossom out" in new health and beauty. Lōma contains all of the element hungry plants need. Why compromise with quality? Try Lōma this year. See the difference! Use 4-lbs. to 100 square feet.

### TURFOOD FOR LAWNS, TREES AND SHRUBS

Turfood is especially blended to give maximum results for leafy growth. It has a high organic content. Turfood does not take the place of regular Lōma where flowers, fruits and seeds are desired. On lawn areas use only 2-lbs. or less to 100 square feet.



### PRICES

LOMA		TURFOOD	
100 lb. bag.....	\$4.00	100 lb. bag.....	\$4.95
50 lb. bag.....	2.50	50 lb. bag.....	2.75
25 lb. bag.....	1.50	25 lb. bag.....	1.75
10 lb. bag.....	.85	10 lb. bag.....	1.00
5 lb. can.....	.45		
1 lb. can.....	.10		

for  
Everything Green that Grows

**Lōma**  
Plant Food



FERTILIZERS

All prices on Fertilizers subject to market changes.

**SHEEP MANURE**

Apply 1000 lbs. per acre. One of the most extensively used of animal manures. The analysis shows it to be a perfectly balanced plant food. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. 35c per 5 lbs.; 10 lbs., 60c; \$1.15 per 25 lbs.; 50 lbs., \$1.75; \$3.25 per 100 lbs.; 500 lbs. \$12.50

**SULPHATE OF AMMONIA.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired; will stimulate growth almost immediately. Analysis equal to 25% of ammonia. 5 lbs., 35c; 60c per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00.

**NITRATE OF SODA.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gallon of water and do not apply oftener than twice a week. 5 lbs., 50c; 80c per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs. \$4.00.

**BONE MEAL.** Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. Apply 800 to 1000 lbs. per acre. 45c for 5 lbs.; 10 lbs. 75c; \$1.25 for 25 lbs., 50lbs., \$2.35; \$4.25 per 100 lbs.

**ROYSTER'S 4-8-6 LAWN AND GARDEN FERTILIZER.** 100 lbs., \$2.75; 500 lbs., \$11.00.

**CATTLE MANURE.** Shredded and dried and therefore considerably more concentrated than as it comes from the stable. 100 lbs., \$3.25.

**ADCO.** A bacterial food for making artificial manure, by mixing it with leaves, grass cuttings, green weeds or, in fact all the many wastes that accumulate during the garden year and applying water, the product is a clean manure. 25 lb. bag, sufficient to make one-half ton of manure, \$2.00; \$10.50 per 150 lb. bag, sufficient to make 3 tons of manure.

**MURIATE OF POTASH.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent. actual potash. 5 lbs., 50c; 80c per 10 lbs.; 25 lbs., \$1.25; \$2.25 for 50 lbs.; 100 lbs., \$4.00.

**PEAT MOSS** is successfully used

For general improvements of soil conditions.

For greenhouse benches and seed beds.

For potted plants.

For bulb storage, also tubers over dormant season.

For mulching flower beds, shrubs, evergreens, etc.

For preparing lawns and keeping them in good condition, etc.

Full bale, \$4.75.

Special Ton Prices on application.

**ZOTOX**

**CRAB GRASS KILLER**

8 oz. Bottle.....	\$1.00
16 oz. Bottle.....	1.50
32 oz. Bottle.....	2.50
5 lb. Bottle.....	4.50

Use 8 oz. Zotox to 5 gallons water for each 1000 sq. ft.

### HUDSON SPRAYER

The tank is made of heavier metal than is generally used for similar sprayers, while the valve and pump are of special construction to give better service. Hose is attached at such an angle that it will not kink. Unexcelled for Whitewash, Water Paints, Insecticides, etc. Galvanized steel, \$6.50, all Brass, \$10.50.



### HUDSON CONTINUOUS SPRAYER

Operates continuously on both the up and down stroke of the plunger and throws a fine, misty spray. Will handle all solutions, insecticides and disinfectants. Tin 75c; Brass, \$1.10.

### ROOT DUSTER

For all powder insecticides. Has large powder reservoir. Strainer shaped to prevent clogging and give uniform volume of discharge. ½ lb. size, \$1.25; 1 lb. size, \$2.25.

### CADET DUSTER

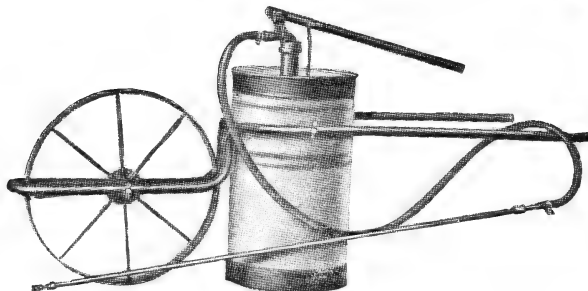
Adapted for use with all insect powders. A favorite with the housewife in applying roach, and various bug powder. Each, 50c.



"Success" Bucket Pump

Price \$5.50

### WHEELBARROW SPRAYERS DEMING-HUDSON-PARAGON ASK FOR PRICES



### DEMING SPRAY NOZZLES

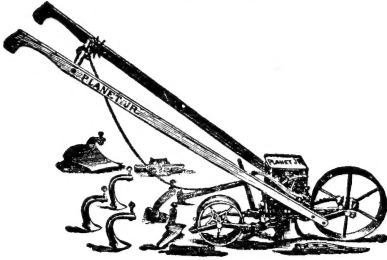


Fig. 766 "Simplex" Nozzle.....	\$0.50	Fig. 866 "Giant Simplex" Strainer Nozzle.....	1.00
Fig. 766½ "Angle Simplex" Nozzle.....	.65	Fig. 866½ "Giant Simplex" Angle Nozzle.....	1.05
Fig. 754 "Eureka" Nozzle.....	.50	Fig. 963 "Vermorel" Nozzle.....	.90
Fig. 753 "Demorel" Nozzle.....	.70	Fig. 965 "Bordeaux" Nozzle.....	1.60

# Planet Jr. Garden Tools

**No. 4 PLANET JR. HILL AND DRILL-SEEDER, WHEEL HOE, CULTIVATOR AND PLOW**

Price, \$21.00



Sows all garden seeds, plows, opens furrows and covers them, hoes and cultivates.

**No. 4D SEEDER PRICE, \$16.75**

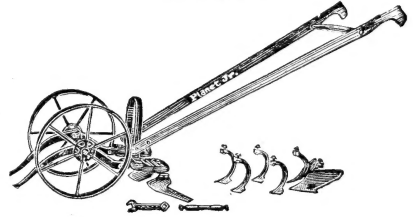
As above less the cultivating attachments.

**No. 300 PLANET JR. DRILL SEEDER**

Price, \$22.75

**No. 12 PLANET JR. DOUBLE AND SINGLE WHEEL HOE, CULTIVATOR AND PLOW**

Price \$12.95



**No. 13 DOUBLE WHEEL HOE**

This is like No. 12, except that it is equipped with 1 pair side hoes only. Price, \$9.95.

**No. 17 PLANET JR. SINGLE WHEEL HOE**

Price, \$8.95

**No. 17½ SINGLE WHEEL HOE**

Same as No. 17, except there is no plow. Price, \$7.95.

## HOTKAPS

### New Method of Plant Protection

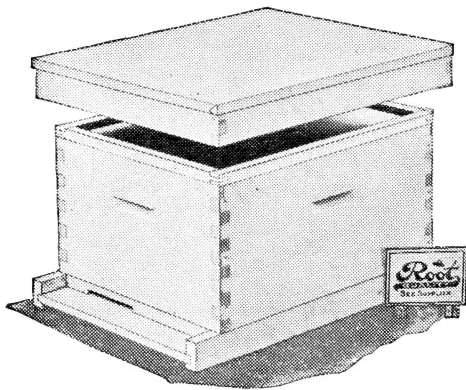
Protects plants from frost and other elements, matures crops earlier, keeps insects out, keeps soil soft. They are made of a specially prepared waxed paper and are cone-like in shape, measuring about 11 inches in diameter at the base and coming to a point at the top. When placed over the plants and held firmly in place by the soil around it, Hotkaps become individual miniature hot-houses.

**SURE CROPS**  
**3 weeks earlier**  
**TO MARKET**

**Hotkaps**

Prices: 1,000 lots, \$11.00; 5,000 lots, \$10.75 per M; 10,000 lots, \$10.50 per M; 250 Trial Package including Garden Setter with Tamper, \$4.25; 100 Home Package, including Garden Setter with Tamper, \$2.85; Germaco Hotkap Steel Setter with Tamper, \$1.60. Package of 25 and setter 50c.

# Bee Keepers' Supplies



*Courteous Treatment*

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We Solicit Your Patronage

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We make a specialty of Seeds for Market Gardeners, carrying in stock many lines and articles which we have not space to describe and quote in this pamphlet; if you do not see what you want, please write us; the chances are we have it. If not in stock, we can quickly locate a source of supply and will be glad to serve you.

Yours truly,

Wm. T. Philipps & Co., Inc.

### Quantity of Seed Usually Sown to the Acre

<table border="0" style="width: 100%;"> <tr><td>Beans, dwarf in drills or rows.....</td><td>1</td><td>to</td><td>1½</td><td>bu.</td></tr> <tr><td>Beans, Pole, in hills.....</td><td>8</td><td>to</td><td>12</td><td>qts.</td></tr> <tr><td>Beets in drills.....</td><td>4</td><td>to</td><td>5</td><td>lbs.</td></tr> <tr><td>Barley, broadcast.....</td><td>2</td><td>to</td><td>3</td><td>bu.</td></tr> <tr><td>Buckwheat.....</td><td>¾</td><td>to</td><td>1</td><td>bu.</td></tr> <tr><td>Broom Corn in hills.....</td><td>1</td><td>to</td><td>6</td><td>qts.</td></tr> <tr><td>Carrots, in drills.....</td><td>3</td><td>to</td><td>3½</td><td>lbs.</td></tr> <tr><td>Cucumbers, in hills.....</td><td>1</td><td>to</td><td>2</td><td>lbs.</td></tr> <tr><td>Corn, in hills.....</td><td>6</td><td>to</td><td>8</td><td>qts.</td></tr> <tr><td>Corn, in drills.....</td><td>2</td><td>to</td><td>3</td><td>bu.</td></tr> <tr><td>Clover, Red, alone.....</td><td></td><td></td><td>15</td><td>lbs.</td></tr> <tr><td>Clover, White, alone.....</td><td>8</td><td>to</td><td>11</td><td>lbs.</td></tr> <tr><td>Clover, Alsike, alone.....</td><td>8</td><td>to</td><td>10</td><td>lbs.</td></tr> <tr><td>Clover, Lucerne.....</td><td>20</td><td>to</td><td>30</td><td>lbs.</td></tr> <tr><td>Flax, broadcast.....</td><td>1</td><td>to</td><td>2</td><td>bu.</td></tr> <tr><td>Grass, Timothy, alone.....</td><td></td><td></td><td>¼</td><td>bu.</td></tr> <tr><td>Grass, Redtop, alone.....</td><td>1</td><td>to</td><td>2</td><td>bu.</td></tr> <tr><td>Grass, Lawn, alone.....</td><td>5</td><td>to</td><td>6</td><td>bu.</td></tr> </table>	Beans, dwarf in drills or rows.....	1	to	1½	bu.	Beans, Pole, in hills.....	8	to	12	qts.	Beets in drills.....	4	to	5	lbs.	Barley, broadcast.....	2	to	3	bu.	Buckwheat.....	¾	to	1	bu.	Broom Corn in hills.....	1	to	6	qts.	Carrots, in drills.....	3	to	3½	lbs.	Cucumbers, in hills.....	1	to	2	lbs.	Corn, in hills.....	6	to	8	qts.	Corn, in drills.....	2	to	3	bu.	Clover, Red, alone.....			15	lbs.	Clover, White, alone.....	8	to	11	lbs.	Clover, Alsike, alone.....	8	to	10	lbs.	Clover, Lucerne.....	20	to	30	lbs.	Flax, broadcast.....	1	to	2	bu.	Grass, Timothy, alone.....			¼	bu.	Grass, Redtop, alone.....	1	to	2	bu.	Grass, Lawn, alone.....	5	to	6	bu.	<table border="0" style="width: 100%;"> <tr><td>Grass, Orchard, alone.....</td><td>2</td><td>to</td><td>3</td><td>bu.</td></tr> <tr><td>Grass, Kentucky Blue.....</td><td>2</td><td>to</td><td>3</td><td>bu.</td></tr> <tr><td>Hungarian, alone.....</td><td>¾</td><td>to</td><td>1</td><td>bu.</td></tr> <tr><td>Millet, alone.....</td><td>¾</td><td>to</td><td>1</td><td>bu.</td></tr> <tr><td>Oats, broadcast.....</td><td>2</td><td>to</td><td>3</td><td>bu.</td></tr> <tr><td>Onions, in drills.....</td><td>4</td><td>to</td><td>6</td><td>lbs.</td></tr> <tr><td>Parsnips, in drills.....</td><td>4</td><td>to</td><td>6</td><td>lbs.</td></tr> <tr><td>Peas, Early, in drills.....</td><td>1¼</td><td>to</td><td>1½</td><td>bu.</td></tr> <tr><td>Peas, Marrow, in drills.....</td><td>1¼</td><td>to</td><td>1½</td><td>bu.</td></tr> <tr><td>Peas, broadcast.....</td><td>2½</td><td>to</td><td>3</td><td>bu.</td></tr> <tr><td>Potatoes, cut tubers.....</td><td>8</td><td>to</td><td>10</td><td>bu.</td></tr> <tr><td>Radish, in drills.....</td><td>8</td><td>to</td><td>10</td><td>lbs.</td></tr> <tr><td>Rye, broadcast.....</td><td>1½</td><td>to</td><td>1¼</td><td>bu.</td></tr> <tr><td>Salsify, in drills.....</td><td>8</td><td>to</td><td>9</td><td>lbs.</td></tr> <tr><td>Spinach, in drills.....</td><td>8</td><td>to</td><td>10</td><td>lbs.</td></tr> <tr><td>Turnip, in drills.....</td><td>1</td><td>to</td><td>1½</td><td>lbs.</td></tr> <tr><td>Wheat, broadcast.....</td><td>1¼</td><td>to</td><td>2</td><td>bu.</td></tr> </table>	Grass, Orchard, alone.....	2	to	3	bu.	Grass, Kentucky Blue.....	2	to	3	bu.	Hungarian, alone.....	¾	to	1	bu.	Millet, alone.....	¾	to	1	bu.	Oats, broadcast.....	2	to	3	bu.	Onions, in drills.....	4	to	6	lbs.	Parsnips, in drills.....	4	to	6	lbs.	Peas, Early, in drills.....	1¼	to	1½	bu.	Peas, Marrow, in drills.....	1¼	to	1½	bu.	Peas, broadcast.....	2½	to	3	bu.	Potatoes, cut tubers.....	8	to	10	bu.	Radish, in drills.....	8	to	10	lbs.	Rye, broadcast.....	1½	to	1¼	bu.	Salsify, in drills.....	8	to	9	lbs.	Spinach, in drills.....	8	to	10	lbs.	Turnip, in drills.....	1	to	1½	lbs.	Wheat, broadcast.....	1¼	to	2	bu.
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### Quantity of Seed Required for a Given Number of Plants or Number of Hills, or Length of Drill

<table border="0" style="width: 100%;"> <tr><td>Asparagus.....</td><td>1 oz. to</td><td>60 ft. of drill</td></tr> <tr><td>Beet.....</td><td>1 oz. to</td><td>50 ft. of drill</td></tr> <tr><td>Beans, Dwarf.....</td><td>1 qt. to</td><td>100 ft. of drill</td></tr> <tr><td>Beans, Pole.....</td><td>1 qt. to</td><td>100 hills</td></tr> <tr><td>Carrot.....</td><td>1 oz. to</td><td>150 ft. of drill</td></tr> <tr><td>Cabbage.....</td><td>1 oz. to</td><td>3000 plants</td></tr> <tr><td>Cauliflower.....</td><td>1 oz. to</td><td>3000 plants</td></tr> <tr><td>Celery.....</td><td>1 qt. to</td><td>400 plants</td></tr> <tr><td>Cucumber.....</td><td>1 oz. to</td><td>50 hills</td></tr> <tr><td>Corn.....</td><td>1 qt. to</td><td>400 hills</td></tr> <tr><td>Dandelion.....</td><td>1 oz. to</td><td>150 ft. of drill</td></tr> <tr><td>Endive.....</td><td>1 oz. to</td><td>150 ft. of drill</td></tr> <tr><td>Egg Plant.....</td><td>1 oz. to</td><td>2000 plants</td></tr> <tr><td>Lettuce.....</td><td>1 oz. to</td><td>4000 plants</td></tr> <tr><td>Leek.....</td><td>1 oz. to</td><td>100 ft. of drill</td></tr> <tr><td>Melon, Water.....</td><td>1 oz. to</td><td>30 hills</td></tr> </table>	Asparagus.....	1 oz. to	60 ft. of drill	Beet.....	1 oz. to	50 ft. of drill	Beans, Dwarf.....	1 qt. to	100 ft. of drill	Beans, Pole.....	1 qt. to	100 hills	Carrot.....	1 oz. to	150 ft. of drill	Cabbage.....	1 oz. to	3000 plants	Cauliflower.....	1 oz. to	3000 plants	Celery.....	1 qt. to	400 plants	Cucumber.....	1 oz. to	50 hills	Corn.....	1 qt. to	400 hills	Dandelion.....	1 oz. to	150 ft. of drill	Endive.....	1 oz. to	150 ft. of drill	Egg Plant.....	1 oz. to	2000 plants	Lettuce.....	1 oz. to	4000 plants	Leek.....	1 oz. to	100 ft. of drill	Melon, Water.....	1 oz. to	30 hills	<table border="0" style="width: 100%;"> <tr><td>Melon, Musk.....</td><td>1 oz. to</td><td>60 hills</td></tr> <tr><td>Okra.....</td><td>1 oz. to</td><td>40 ft. of drill</td></tr> <tr><td>Onions.....</td><td>1 oz. to</td><td>100 ft. of drill</td></tr> <tr><td>Onion Seed for Sets.....</td><td>1 oz. to</td><td>40 ft. of drill</td></tr> <tr><td>Parsley.....</td><td>1 oz. to</td><td>150 ft. of drill</td></tr> <tr><td>Parsnips.....</td><td>1 oz. to</td><td>200 ft. of drill</td></tr> <tr><td>Peas.....</td><td>1 qt. to</td><td>100 ft. of drill</td></tr> <tr><td>Pumpkin.....</td><td>1 oz. to</td><td>40 hills</td></tr> <tr><td>Pepper.....</td><td>1 oz. to</td><td>2000 plants</td></tr> <tr><td>Radish.....</td><td>1 oz. to</td><td>100 ft. of drill</td></tr> <tr><td>Salsify.....</td><td>1 oz. to</td><td>70 ft. of drill</td></tr> <tr><td>Spinach.....</td><td>1 oz. to</td><td>50 ft. of drill</td></tr> <tr><td>Squash, Early.....</td><td>1 oz. to</td><td>50 hills</td></tr> <tr><td>Squash, Marrow.....</td><td>1 oz. to</td><td>10 hills</td></tr> <tr><td>Tomato.....</td><td>1 oz. to</td><td>3000 plants</td></tr> <tr><td>Turnip.....</td><td>1 oz. to</td><td>100 ft. of drill</td></tr> </table>	Melon, Musk.....	1 oz. to	60 hills	Okra.....	1 oz. to	40 ft. of drill	Onions.....	1 oz. to	100 ft. of drill	Onion Seed for Sets.....	1 oz. to	40 ft. of drill	Parsley.....	1 oz. to	150 ft. of drill	Parsnips.....	1 oz. to	200 ft. of drill	Peas.....	1 qt. to	100 ft. of drill	Pumpkin.....	1 oz. to	40 hills	Pepper.....	1 oz. to	2000 plants	Radish.....	1 oz. to	100 ft. of drill	Salsify.....	1 oz. to	70 ft. of drill	Spinach.....	1 oz. to	50 ft. of drill	Squash, Early.....	1 oz. to	50 hills	Squash, Marrow.....	1 oz. to	10 hills	Tomato.....	1 oz. to	3000 plants	Turnip.....	1 oz. to	100 ft. of drill
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### Number of Plants, Vines, Etc., Required to Set an Acre

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### Weights of Various Articles in the State of Ohio

<table border="0" style="width: 100%;"> <tr><td></td><td style="text-align: right;">per bu.</td></tr> <tr><td>Barley.....</td><td style="text-align: right;">48 lbs.</td></tr> <tr><td>Beans.....</td><td style="text-align: right;">60 lbs.</td></tr> <tr><td>Buckwheat.....</td><td style="text-align: right;">50 lbs.</td></tr> <tr><td>Broom Corn.....</td><td style="text-align: right;">46 lbs.</td></tr> <tr><td>Blue Grass, Kentucky.....</td><td style="text-align: right;">14 lbs.</td></tr> <tr><td>Clover Seed.....</td><td style="text-align: right;">60 lbs.</td></tr> <tr><td>Corn, Shelled.....</td><td style="text-align: right;">56 lbs.</td></tr> <tr><td>Corn on ear.....</td><td style="text-align: right;">70 lbs.</td></tr> <tr><td>Cow Peas.....</td><td style="text-align: right;">60 lbs.</td></tr> <tr><td>Flax Seed.....</td><td style="text-align: right;">56 lbs.</td></tr> <tr><td>Hemp Seed.....</td><td style="text-align: right;">44 lbs.</td></tr> </table>		per bu.	Barley.....	48 lbs.	Beans.....	60 lbs.	Buckwheat.....	50 lbs.	Broom Corn.....	46 lbs.	Blue Grass, Kentucky.....	14 lbs.	Clover Seed.....	60 lbs.	Corn, Shelled.....	56 lbs.	Corn on ear.....	70 lbs.	Cow Peas.....	60 lbs.	Flax Seed.....	56 lbs.	Hemp Seed.....	44 lbs.	<table border="0" style="width: 100%;"> <tr><td></td><td style="text-align: right;">per bu.</td></tr> <tr><td>Hungarian Grass Seed.....</td><td style="text-align: right;">48 lbs.</td></tr> <tr><td>Irish Potatoes, heaping measure.....</td><td style="text-align: right;">60 lbs.</td></tr> <tr><td>Millet.....</td><td style="text-align: right;">50 lbs.</td></tr> <tr><td>Oats.....</td><td style="text-align: right;">32 lbs.</td></tr> <tr><td>Orchard Grass.....</td><td style="text-align: right;">14 lbs.</td></tr> <tr><td>Peas.....</td><td style="text-align: right;">56 to 60 lbs.</td></tr> <tr><td>Rye.....</td><td style="text-align: right;">56 lbs.</td></tr> <tr><td>Red Top Seed.....</td><td style="text-align: right;">14 lbs.</td></tr> <tr><td>Timothy Seed.....</td><td style="text-align: right;">45 lbs.</td></tr> <tr><td>Wheat.....</td><td style="text-align: right;">60 lbs.</td></tr> </table>		per bu.	Hungarian Grass Seed.....	48 lbs.	Irish Potatoes, heaping measure.....	60 lbs.	Millet.....	50 lbs.	Oats.....	32 lbs.	Orchard Grass.....	14 lbs.	Peas.....	56 to 60 lbs.	Rye.....	56 lbs.	Red Top Seed.....	14 lbs.	Timothy Seed.....	45 lbs.	Wheat.....	60 lbs.
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You get **RESULTS**  
in your garden with

# VIGORO

A Product of Swift & Company

For big luscious vegetables and gorgeous flowers, science says that the soil must provide 11 different food elements. And Vigoro supplies all of them in balanced proportions! Use Vigoro on lawns, flowers, trees, shrubs, and vegetables for better results. Clean, odorless, sanitary, easy to use. Vigoro is economical, too, 4 pounds completely feeds 100 sq. ft. of lawn or garden area.

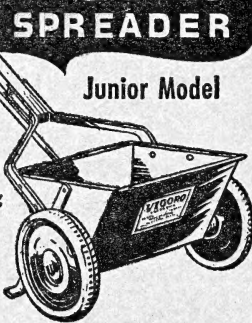


100 lbs.....	\$4.00
50 lbs.....	2.50
25 lbs.....	1.50
10 lbs.....	.85
5 lbs.....	.45
1 lb. ....	.10

A GREATLY IMPROVED  
**VIGORO**  
SPREADER

Junior Model

- Rubber tires
- Special ball-bearing wheel
- Acid-resisting finish
- Force-feed
- Application dial



The Junior Model Vigoro Spreader was redesigned to economically meet the requirements of most home owners. All four models will efficiently apply Vigoro, grass seed, and similar dry materials at various adjustable rates.

Model	Width	Cap.	Price
"B" .....	14"	15 lb.	\$3.25
Junior .....	16"	35 lb.	7.45
Standard .....	24"	65 lb.	15.35
Special .....	36"	100 lb.	22.80

**VIGORO for LAWNS, FLOWERS, SHRUBS, TREES, VEGETABLES**

Wm. T. PHILIPPS & CO., Inc.

SEEDSMEN

519-521 MONROE STREET

TOLEDO, OHIO