

Historic, Archive Document

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

62.67

LIBRARY
RECEIVED
MAR 23 1937
U. S. Department of Agriculture

STANDARD SEEDS

PRICE LIST—1937



BEANS, GOLDEN WAX

Wm. T. PHILIPPS & CO., Inc.
SEEDSMEN

519-521 MONROE STREET TOLEDO, OHIO

IN 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 THE FOLLOWING RATES: Quarter bushel, 15 cents; half bushel, 20 cents; two bushels, 35 cents.

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. |
|-----------------------|--------|--------|--------|--------|
| Palmetto | \$0.05 | \$0.10 | \$0.25 | \$0.75 |
| Mary Washington | .05 | .15 | .35 | 1.00 |

Asparagus Roots

| | |
|------------------|--|
| Palmetto | per hundred, \$1.25; per thousand, \$ 9.00 |
| Washington | per hundred, 1.50; per thousand, 12.00 |

Beans, Bush, Green Podded

| | Pkt. | ½-lb. | Lb. | 10 Lbs. |
|-----------------------------------|------|-------|-----|---------|
| White Kidney..... | .10 | .15 | .25 | 1.50 |
| White Marrow | .10 | .15 | .25 | 1.50 |
| White Navy | .10 | .15 | .25 | 1.25 |
| Stringless Green Pod | .10 | .20 | .35 | 1.60 |
| Giant Stringless Green Pod..... | .10 | .20 | .35 | 1.60 |
| Black Valentine | .10 | .20 | .35 | 1.60 |
| Imp. Early Rd. Pod, Red Valentine | .10 | .20 | .35 | 1.60 |
| Bountiful | .10 | .20 | .35 | 1.60 |
| Refugee or Thousand to One..... | .10 | .20 | .35 | 1.60 |
| Tendergreen | .10 | .20 | .35 | 1.70 |
| Burpee's Imp. Bush Lima..... | .10 | .20 | .35 | 1.80 |
| Fordhook Bush Lima..... | .10 | .20 | .35 | 1.90 |
| Henderson's Baby Lima..... | .10 | .20 | .35 | 1.75 |

Beans, Bush, Wax Podded

| | | | | |
|------------------------------|-----|-----|-----|------|
| Wardwell's Kidney Wax..... | .10 | .20 | .35 | 1.70 |
| Davis' Kidney Wax..... | .10 | .20 | .35 | 1.70 |
| Currie's Rust Proof Wax..... | .10 | .20 | .35 | 1.70 |
| Black Wax Pencil Pod..... | .10 | .20 | .35 | 1.70 |
| Golden Wax | .10 | .20 | .35 | 1.70 |
| Sure Crop Wax..... | .10 | .20 | .35 | 1.70 |
| Unrivalled Wax | .10 | .20 | .35 | 1.70 |

Beans, Pole

| | | | | |
|--|-----|-----|-----|------|
| Extra Early Leviathan Lima | .10 | .20 | .35 | 1.90 |
| King of the Garden—Extra Large White Lima | .10 | .20 | .35 | 1.90 |
| Kentucky Wonder | .10 | .20 | .35 | 1.60 |
| Scarlet Runner | .10 | .20 | .35 | 2.20 |
| Kentucky Wonder Wax..... | .10 | .20 | .35 | 1.90 |

5 lbs. @ 2c per lb. over the 10 lb. rate
 25 lbs. @ 1c per lb. under the 10 lb. rate
 100 lbs. @ 2c per lb. under the 10 lb. rate

Beet

| | Pkt. | Oz. | ¼-lb. | Lb. |
|---------------------------------|--------|--------|--------|--------|
| Early Wonder | \$0.05 | \$0.10 | \$0.30 | \$0.75 |
| Crosby's Egyptian, Special..... | .05 | .10 | .30 | .75 |
| Detroit Dark Red..... | .05 | .10 | .30 | .75 |
| Good For All..... | .05 | .10 | .30 | .75 |
| Swiss Chard | .05 | .10 | .30 | .75 |

Beet, Sugar

| | | | | |
|----------------------------|-----|-----|-----|-----|
| Klein Wanzleben Sugar..... | .05 | .10 | .20 | .50 |
|----------------------------|-----|-----|-----|-----|

Beet, Mangel Wurzel

| | | | | |
|-----------------------------|-----|-----|-----|-----|
| Mammoth Long Red Jumbo..... | .05 | .10 | .20 | .50 |
| Golden Tankard | .05 | .10 | .20 | .50 |
| Giant Half Sugar Rose..... | .05 | .10 | .20 | .50 |

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

| | | | | |
|------------------------------|-----|-----|-------|-------|
| Large White Mammoth..... | .05 | .50 | | |
| Italian Green Sprouting..... | .05 | .50 | 1.50 | 5.00 |

Brussels Sprouts

| | | | | |
|--------------------------|-----|-----|-----|------|
| Improved Half Dwarf..... | .05 | .25 | .75 | 2.50 |
|--------------------------|-----|-----|-----|------|

Cabbage

| | | | | |
|--------------------------------------|-----|-----|------|------|
| Ex. Early Jersey Wakefield..... | .05 | .20 | .65 | 2.00 |
| Golden Acre | .05 | .35 | 1.00 | 3.00 |
| Copenhagen Market..... | .05 | .25 | .80 | 2.50 |
| All Head Early Summer..... | .05 | .25 | .65 | 2.00 |
| Sure Head..... | .05 | .25 | .70 | 2.25 |
| All Seasons..... | .05 | .25 | .70 | 2.25 |
| Glory of Enkhuizen..... | .05 | .25 | .70 | 2.25 |
| Drumhead Savoy | .05 | .25 | .70 | 2.25 |
| Mammoth Rock Red | .05 | .25 | .80 | 2.75 |
| Ball Head, Short Stem..... | .05 | .25 | .80 | 2.75 |
| Late Flat Dutch..... | .05 | .25 | .65 | 2.00 |
| Early Round Red "Haco"..... | .05 | .40 | 1.25 | 4.00 |
| Resistant Detroit | .10 | .65 | 2.00 | 6.00 |
| Marion Market Resistant..... | .05 | .50 | 1.50 | 5.00 |
| Wisconsin All Season, Resistant..... | .05 | .35 | 1.15 | 3.50 |
| Wisconsin Holland, Resistant..... | .05 | .45 | 1.35 | 4.00 |
| Bugner, Resistant | .05 | .50 | 1.50 | 5.00 |
| Globe, Enkhuizen Resistant..... | .05 | .45 | 1.35 | 4.00 |
| Chinese Chihili | .05 | .25 | .75 | 2.50 |
| Chinese Wong Bok..... | .05 | .25 | .75 | 2.50 |

Carrot

| | Pkt. | Oz. | ¼-lb. | Lb. |
|---------------------------------|--------|--------|--------|--------|
| Chantenay Half Long..... | \$0.05 | \$0.15 | \$0.30 | \$0.90 |
| Danvers Half Long..... | .05 | .15 | .30 | .90 |
| Coreless, Nantes Half Long..... | .05 | .15 | .30 | .90 |
| Guerande or Ox Heart..... | .05 | .15 | .30 | .90 |
| Improved Long Orange..... | .05 | .15 | .30 | .90 |
| Red Cored Chantenay..... | .05 | .15 | .30 | .90 |
| Imperator | .05 | .15 | .30 | .90 |
| Morse's Bunching | .05 | .15 | .30 | .90 |

Special Prices on 5 lb. Lots and Over

Celery

| | | | | |
|---|-----|-----|------|------|
| White Plume | .05 | .25 | .85 | 3.00 |
| New Golden Self-Blanching, choice American grown from French Seed | .05 | .40 | 1.25 | 4.50 |
| New American Golden Self- Blanching, Tall Strain..... | .05 | .40 | 1.25 | 4.50 |
| Columbia | .05 | .40 | 1.25 | 4.00 |
| Giant Pascal, American grown..... | .05 | .30 | 1.00 | 3.50 |
| Easy Blanching | .05 | .40 | 1.25 | 4.00 |
| Emperor | .05 | .30 | 1.00 | 3.50 |
| Golden Plume | .05 | .70 | 1.50 | 5.00 |
| Golden Phenomenal | .05 | .75 | 2.50 | 9.00 |

Celeriac, or Turnip-Rooted Celery

| | | | | |
|--------------------|-----|-----|-----|------|
| Giant Prague | .05 | .20 | .60 | 2.00 |
|--------------------|-----|-----|-----|------|

Cauliflower

| | | | | |
|--|-----|------|------|-------|
| Extra Early Snow Ball..... | .10 | 2.00 | 7.00 | |
| Dry Weather; also known as Danish Giant or Gilt Edge..... | .10 | 2.00 | 7.00 | |

Chicory

| | | | | |
|-------------------------------|-----|-----|-----|------|
| Large Rooted | .05 | .20 | .50 | 1.50 |
| Witloof or French Endive..... | .05 | .20 | .60 | 2.00 |

Collards

| | | | | |
|---------------------|-----|-----|-----|------|
| True Georgian | .05 | .15 | .30 | 1.00 |
|---------------------|-----|-----|-----|------|

Corn, Sweet or Sugar

| | Pkt. | ½-lb. | Lb. | 10 Lbs. |
|----------------------------------|--------|--------|--------|---------|
| Alpha, Extra Early..... | \$0.10 | \$.20 | \$.35 | \$2.00 |
| Mammoth White Cory, Ext. Early.. | .10 | .15 | .25 | 1.50 |
| Golden Bantam | .10 | .15 | .25 | 1.50 |
| Bardens Wonder Bantam..... | .10 | .15 | .25 | 1.60 |
| Delue's Golden Giant | .10 | .15 | .25 | 1.60 |
| New Wonder | .10 | .15 | .25 | 1.50 |
| Black Mexican | .10 | .15 | .25 | 1.50 |
| Country Gentleman | .10 | .15 | .25 | 1.50 |
| Stowell's Evergreen | .10 | .15 | .25 | 1.50 |
| Golden Sunshine | .10 | .15 | .25 | 1.60 |
| Whipples Early Yellow..... | .10 | .15 | .25 | 1.60 |
| Kingscrost Golden Bantam..... | .10 | .25 | .40 | 2.90 |

5 lbs. @ 2c per lb. over the 10 lb. rate
 25 lbs. @ 1c per lb. under the 10 lb. rate
 100 lbs. @ 2c per lb. under the 10 lb. rate

Corn, Pop Corn

| | | | | |
|------------------------|-----|-----|-----|------|
| Early White Rice..... | .10 | .15 | .25 | 1.50 |
| Japanese Hulless | .10 | .15 | .25 | 1.50 |
| South American | .10 | .15 | .25 | 1.50 |

Corn Salad

| | Pkt. | Oz. | ¼-lb. | Lb. |
|--------------------|------|--------|--------|--------|
| Large Seeded | .05 | \$0.15 | \$0.40 | \$1.25 |

Cress

| | | | | |
|-----------------------------|-----|-----|------|-------|
| Curled or Pepper Grass..... | .05 | .15 | .30 | 1.00 |
| True Water..... | .05 | .35 | 1.25 | |

Cucumber

| | | Oz. | ¼-lb. | Lb. |
|-----------------------------------|-----|-----|-------|------|
| Early Green Cluster..... | .05 | .15 | .35 | .90 |
| Early White Spine..... | .05 | .15 | .35 | 1.00 |
| Extra Long White Spine, very fine | .05 | .15 | .35 | 1.00 |
| Green Prolific | .05 | .15 | .35 | 1.00 |
| Imp. Long Green..... | .05 | .15 | .40 | 1.35 |
| West Indian Gherkin | .05 | .15 | .40 | 1.35 |
| Chicago Pickling | .05 | .15 | .35 | .90 |
| Boston Pickling | .05 | .15 | .35 | .90 |
| New Davis Perfect..... | .05 | .15 | .35 | 1.00 |
| Early Fortune | .05 | .15 | .40 | 1.25 |
| Longfellow (New) | .05 | .20 | .65 | 2.00 |
| Straight 8 | .10 | .30 | .75 | 2.50 |

Dandelion

| | | | | |
|----------------------------|-----|-----|-------|-------|
| Improved Large Leaved..... | .10 | .75 | | |
|----------------------------|-----|-----|-------|-------|

Egg Plant

| | Pkt. | Oz. | ¼-lb. | Lb. |
|-------------------------------|--------|--------|--------|--------|
| New York Improved Purple..... | \$0.05 | \$0.35 | \$1.25 | \$4.00 |
| Black Beauty | .05 | .35 | 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 | |
|-------------|-----|-----|-----|-------|

Kale or Borecole

| | | | | |
|-------------------------------|-----|-----|-----|------|
| Curled Tall Green Scotch..... | .05 | .15 | .35 | 1.00 |
| Curled Dwarf Green..... | .05 | .15 | .35 | 1.00 |

Kohl Rabi

| | | | | |
|--------------------------|-----|-----|-----|------|
| Early White Vienna..... | .05 | .20 | .60 | 2.00 |
| Early Purple Vienna..... | .05 | .20 | .60 | 2.00 |

Leek

| | | | | |
|-----------------------------|-----|-----|-----|------|
| Large Imp. London Flag..... | .05 | .25 | .75 | 2.50 |
|-----------------------------|-----|-----|-----|------|

Lettuce

| | | | | |
|------------------------------------|-----|-----|-----|------|
| Grand Rapids..... | .05 | .15 | .45 | 1.50 |
| Iceberg (Head) | .05 | .15 | .40 | 1.25 |
| Early Hanson (Head)..... | .05 | .15 | .40 | 1.25 |
| Black Seeded Simpson..... | .05 | .15 | .40 | 1.25 |
| New Salamander (Head)..... | .05 | .15 | .40 | 1.25 |
| Prize Head | .05 | .15 | .40 | 1.25 |
| California Cream Butter (Head).... | .05 | .15 | .40 | 1.25 |
| Early White Seeded Simpson..... | .05 | .15 | .40 | 1.25 |
| Big Boston (Head) | .05 | .15 | .40 | 1.25 |
| May King (Head)..... | .05 | .15 | .40 | 1.25 |
| Kingsholm Cos. | .05 | .15 | .40 | 1.25 |
| New York or Wonderful | .05 | .15 | .50 | 1.75 |
| Chicken | .05 | .15 | .40 | 1.25 |

Special Prices on 5 lb. Lots and Over

Musk Melon

| | Pkt. | Oz. | ¼-lb. | Lb. |
|------------------------------|--------|--------|--------|--------|
| Ex. Early Hackensack..... | \$0.05 | \$0.15 | \$0.35 | \$1.00 |
| Tip Top | .05 | .15 | .35 | 1.00 |
| Osage or Miller's Cream..... | .05 | .15 | .35 | 1.00 |
| Extra Early Osage..... | .05 | .15 | .35 | 1.00 |
| Hearts of Gold..... | .05 | .15 | .35 | 1.25 |
| Bender's Surprise..... | .05 | .15 | .35 | 1.25 |
| Lake Champlain | .05 | .15 | .35 | 1.00 |
| Milwaukee Market | .05 | .15 | .35 | 1.25 |
| Honey Rock | .05 | .15 | .35 | 1.25 |
| Hale's Best | .05 | .15 | .35 | 1.00 |

Water Melon

| | | | | |
|------------------------------|-----|-----|-----|-----|
| Tom Watson..... | .05 | .10 | .25 | .75 |
| Peerless Imp. Ice Cream..... | .05 | .10 | .25 | .75 |
| Round Light Icing..... | .05 | .10 | .25 | .75 |
| Sweet Heart..... | .05 | .10 | .25 | .75 |
| Preserving Citron | .05 | .10 | .25 | .75 |
| Kleckley Sweets..... | .05 | .10 | .25 | .75 |
| Stone Mountain | .05 | .15 | .30 | .90 |

Mustard

| | | | | |
|----------------------|-----|-----|-----|-----|
| White English..... | .05 | .10 | .20 | .50 |
| Fordhook Fancy | .05 | .10 | .25 | .75 |

Okra

| | | | | |
|-------------|-----|-----|-----|-----|
| Dwarf | .05 | .10 | .20 | .60 |
|-------------|-----|-----|-----|-----|

Onion Sets

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

Onion

| | Pkt. | Oz. | ¼-lb. | Lb. |
|-----------------------------------|--------|--------|--------|--------|
| Yellow Globe Danvers..... | \$0.05 | \$0.25 | \$0.60 | \$1.75 |
| Ohio Yellow Globe..... | .05 | .25 | .60 | 1.75 |
| Southport Yellow Globe..... | .05 | .25 | .60 | 1.75 |
| Early Yellow Danvers Flat..... | .05 | .25 | .60 | 1.75 |
| Large Red Wethersfield..... | .05 | .25 | .60 | 1.75 |
| Southport Red Globe..... | .05 | .25 | .60 | 1.75 |
| Mammoth Prize Taker..... | .05 | .25 | .60 | 1.75 |
| Southport White Globe..... | .05 | .25 | .60 | 1.75 |
| White Portugal or Silverskin..... | .05 | .25 | .60 | 1.75 |

Special Prices on Large Quantities

Parsley

| | Pkt. | Oz. | ¼-lb. | Lb. |
|---------------------------|--------|--------|--------|--------|
| Champion Moss Curled..... | \$0.05 | \$0.10 | \$0.25 | \$0.75 |
| Extra Double Curled..... | .05 | .10 | .25 | .75 |
| Plain or Single..... | .05 | .10 | .25 | .75 |
| Hamburg or Turnip..... | .05 | .10 | .25 | .75 |
| Paramount | .10 | .20 | .65 | 2.25 |

Parsnip

| | | | | |
|------------------------|-----|-----|-----|-----|
| Imp. Hollow Crown..... | .05 | .10 | .25 | .75 |
|------------------------|-----|-----|-----|-----|

Peas

| | Pkt. | ½-lb. | Lb. | 10 Lbs. |
|-----------------------------|--------|--------|--------|---------|
| Mammoth Pod Ex. Early..... | \$0.10 | \$0.20 | \$0.35 | \$2.00 |
| Ex. Early Alaska..... | .10 | .20 | .30 | 1.50 |
| Nott's Excelsior | .10 | .20 | .35 | 1.70 |
| Hundredfold | .10 | .20 | .35 | 1.70 |
| Bliss' American Wonder..... | .10 | .20 | .35 | 1.70 |
| Gradus or Prosperity..... | .10 | .20 | .35 | 1.70 |
| Laxtonian | .10 | .20 | .35 | 1.70 |
| Thomas Laxton | .10 | .20 | .35 | 1.70 |
| McLean's Little Gem..... | .10 | .20 | .35 | 1.70 |
| Telephone Improved | .10 | .20 | .35 | 1.70 |
| Sugar Edible Pod..... | .10 | .20 | .35 | 2.00 |
| Alderman | .10 | .20 | .35 | 1.70 |
| World Record | .10 | .20 | .35 | 1.80 |
| Little Marvel | .10 | .20 | .35 | 1.80 |
| Laxtons Progress | .10 | .20 | .35 | 1.80 |

5 lbs. @ 2c per lb. over the 10 lb. rate
 25 lbs. @ 1c per lb. under the 10 lb. rate
 100 lbs. @ 2c per lb. under the 10 lb. rate

Pepper

| | Pkt. | Oz. | ¼-lb. | Lb. |
|-------------------------------|--------|--------|--------|--------|
| Harris Early Giant | \$0.05 | \$0.45 | \$1.25 | \$4.00 |
| Ruby King | .05 | .35 | 1.00 | 3.25 |
| Large Bell or Bull Nose | .05 | .35 | 1.00 | 3.00 |
| Long Red Cayenne | .05 | .35 | 1.00 | 3.25 |
| Golden Queen..... | .05 | .40 | 1.25 | 4.50 |
| Sunnybrook Pimento | .05 | .40 | 1.00 | 3.50 |
| California Wonder | .05 | .50 | 1.50 | 5.00 |
| Yellow Hungarian | .05 | .50 | 1.50 | 5.00 |
| World Beater | .05 | .40 | 1.10 | 3.25 |
| King of the North..... | .15 | .65 | 2.00 | 7.50 |

Potatoes

| | |
|-------------------------------|---|
| Early Irish Cobbler..... | } |
| Early Ohio..... | |
| Russet Rural or Petoskey..... | |

(Ask for prices; state variety and quantity)

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 | .25 | .75 |
| Early Scarlet Turnip White Tip..... | .05 | .10 | .25 | .75 |
| French Breakfast | .05 | .10 | .25 | .75 |
| Wood's Early Frame | .05 | .10 | .25 | .75 |
| Early Long Scarlet | .05 | .10 | .25 | .75 |
| Cincinnati Market | .05 | .10 | .25 | .75 |
| Long White Lady Finger or Vienna | .05 | .10 | .25 | .75 |
| Crimson Giant | .05 | .10 | .25 | .75 |
| Icicle | .05 | .10 | .25 | .75 |
| Early Golden Yellow Oval..... | .05 | .10 | .25 | .75 |
| White Strasburg | .05 | .10 | .25 | .75 |
| Improved Chartier | .05 | .10 | .25 | .75 |
| Celestial | .05 | .10 | .25 | .75 |
| Long Black Spanish | .05 | .10 | .25 | .75 |
| Rose Scarlet China Winter | .05 | .10 | .25 | .75 |
| Giant White Summer..... | .05 | .10 | .25 | .75 |
| Round Black Spanish | .05 | .10 | .25 | .75 |

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

| | | | | |
|------------------------------|-----|-----|-----|------|
| Mammoth Sandwich Island..... | .05 | .20 | .50 | 1.50 |
|------------------------------|-----|-----|-----|------|

Squash

| | | | | |
|-----------------------------|-----|-----|-----|------|
| Hubbard Warded | .05 | .15 | .40 | 1.25 |
| Mammoth White Bush..... | .05 | .15 | .30 | 1.00 |
| Ex. Large Golden Bush..... | .05 | .15 | .30 | 1.00 |
| Giant Summer Crookneck..... | .05 | .15 | .30 | 1.00 |
| Fordhook | .05 | .15 | .40 | 1.25 |
| Boston Marrow | .05 | .15 | .30 | 1.00 |
| Italian (Cocozella) | .05 | .15 | .40 | 1.25 |
| Blue Hubbard | .05 | .15 | .40 | 1.25 |
| Table Queen or Acorn..... | .05 | .15 | .35 | 1.25 |

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

| | | | | |
|-------------------------------------|-----|-----|-----|-----|
| Bloomsdale Savoy, Reselected | .05 | .10 | .20 | .40 |
| New Zealand | .05 | .10 | .25 | .60 |
| Bloomsdale Long Standing | .05 | .10 | .20 | .40 |
| Princess Juliana | .05 | .10 | .20 | .40 |
| Virginia Savoy Yellow Resistant.... | .05 | .10 | .20 | .40 |

Special Prices on Large Quantities

Tomato

| | Pkt. | Oz. | ¼-lb. | Lb. |
|--------------------------|--------|--------|--------|--------|
| Break O'Day | \$0.05 | \$0.40 | \$1.25 | \$4.00 |
| Spark's Earliana | .05 | .30 | 1.00 | 3.00 |
| Bonny Best..... | .05 | .30 | 1.00 | 3.00 |
| Chalk's Early Jewel..... | .05 | .30 | 1.00 | 3.50 |
| Marglobe | .05 | .40 | 1.00 | 3.50 |
| John Baer..... | .05 | .30 | .90 | 3.00 |
| Livingston's Globe | .05 | .45 | 1.35 | 4.00 |
| New Dwarf Champion..... | .05 | .40 | 1.25 | 4.00 |
| New Dwarf Stone | .05 | .40 | 1.25 | 4.00 |
| Greater Baltimore..... | .05 | .30 | .85 | 2.75 |
| Stone Selected | .05 | .30 | .90 | 3.00 |
| Ponderosa | .05 | .50 | 1.65 | 5.50 |
| Oxheart | .05 | .75 | 2.25 | |
| Yellow Plum..... | .05 | .30 | 1.25 | |
| Golden Queen..... | .05 | .30 | 1.00 | |
| Pritchard | .05 | .50 | 1.25 | 4.00 |
| Marhio | .05 | .50 | 1.60 | 5.00 |

Tobacco

| | | | | |
|----------------------------|-----|-----|-------|-------|
| Connecticut Seed Leaf..... | .05 | .50 | | |
|----------------------------|-----|-----|-------|-------|

Turnip

| | | | | |
|------------------------------------|-----|-----|-----|-----|
| Extra Early Milan, Purple Top..... | .05 | .10 | .25 | .70 |
| Early Flat Red or Purple Top..... | .05 | .10 | .20 | .50 |
| Purple Top White Globe..... | .05 | .10 | .20 | .50 |
| Early White Egg..... | .05 | .10 | .20 | .50 |
| Yellow Aberdeen..... | .05 | .10 | .20 | .50 |
| Pomeranian White Globe..... | .05 | .10 | .20 | .50 |
| Golden Ball..... | .05 | .10 | .20 | .50 |
| Long White Cow Horn..... | .05 | .10 | .20 | .50 |
| Japanese or Foliage | .05 | .10 | .25 | .60 |

Ruta Baga

| | | | | |
|--------------------------|-----|-----|-----|-----|
| Imp. American Swede..... | .05 | .10 | .25 | .65 |
|--------------------------|-----|-----|-----|-----|

Rhubarb

| | | | | |
|----------------|-----|-----|-----|------|
| Victoria | .05 | .15 | .40 | 1.25 |
|----------------|-----|-----|-----|------|

BIRD SEED

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

| | Lb. | 10 Lbs. |
|-----------------|--------|---------|
| Hemp | \$0.15 | \$1.25 |
| 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 | \$0.25 | \$ | \$ |
| Balm | .10 | .40 | | |
| Basil | .10 | .25 | | |
| Borage | .10 | .25 | | |
| Caraway | .10 | .15 | | |
| Catnip | .10 | .60 | | |
| Chervil | .10 | .15 | .50 | 1.75 |
| Coriander | .10 | .15 | | |
| Dill | .10 | .15 | .25 | .75 |
| Fennell | .10 | .15 | | |
| Horehound | .10 | .50 | | |
| Lavender | .10 | .50 | | |
| Marjoram, Sweet | .10 | .30 | .85 | 3.00 |
| Rosemary | .10 | .50 | | |
| Rue | .10 | .50 | | |
| Sage | .10 | .40 | 1.50 | 5.00 |
| Saffron | .10 | .25 | | |
| Summer Savory..... | .10 | .20 | | |
| Garden Sorrel..... | .10 | .15 | | |
| Wormwood | .10 | .50 | | |
| Thyme | .10 | .50 | | |

Standard Flower Seeds

Aster

| | Pkt. | Oz. |
|---|--------|--------|
| Good, Double Mixed..... | \$0.10 | \$0.50 |
| Queen of the Market, White Wilt Resistant..... | .10 | 1.50 |
| Queen of the Market, Shell Pink Wilt Resistant..... | .10 | 1.50 |
| Queen of the Market, Dark Blue Wilt Resistant..... | .10 | 1.50 |
| Giant Comet, Deep Rose, Wilt Resistant..... | .10 | 1.50 |
| Giant Comet, Purple, Wilt Resistant..... | .10 | 1.50 |
| Giant Comet, Mixed, Wilt Resistant..... | .10 | 1.50 |
| American Branching, White, Wilt Resistant..... | .10 | 1.50 |
| American Branching, Shell Pink, Wilt Resistant..... | .10 | 1.50 |
| American Branching, Light Blue, Wilt Resistant..... | .10 | 1.50 |
| American Branching, Deep Rose, Wilt Resistant..... | .10 | 1.50 |
| American Branching, Purple, Wilt Resistant..... | .10 | 1.50 |
| American Branching, Mixed, Wilt Resistant..... | .10 | 1.50 |
| Heart of France, Bright Crimson W. Resistant..... | .15 | 2.50 |
| Acroclinium, Double Mixed..... | .10 | .40 |
| Ageratum, Blue Ball..... | .05 | .40 |
| Alyssum | | |
| Sweet Alyssum | .05 | .30 |
| Little Gem, Dwarf..... | .10 | .50 |

| | Pkt. | Oz. |
|---|--------|--------|
| Antirrhinum (Snapdragon) | | |
| Scarlet | \$.10 | \$1.00 |
| Pink | .10 | .75 |
| Yellow | .10 | .75 |
| White | .10 | .75 |
| Tall Mixed | .10 | .75 |
| Dwarf Mixed | .10 | .75 |
| Balloon Vine | .05 | 20 |
| Balsam | | |
| Double White | .10 | .75 |
| Double Scarlet..... | .10 | .75 |
| Double Mixed | .10 | .50 |
| Calendula, Mixed | .05 | .20 |
| Calendula, Campfire or Sensation | .15 | 1.25 |
| Calliopsis, Dwarf Mixed | .05 | .30 |
| Calliopsis, Tinctoria Tall Mixed | .05 | .30 |
| Coreopsis, California Sunbeam | .10 | .75 |
| Candytuft | | |
| Giant White Hyacinth Flowered | .10 | .45 |
| White | .05 | .20 |
| Mixed | .05 | .15 |
| Canterbury Bells | | |
| Single | .10 | .60 |
| Double | .10 | 1.50 |
| Cup and Saucer, Mixed..... | .10 | 1.50 |
| Carnation | | |
| Vienna Dwarf, Mixed..... | .10 | 1.25 |
| Marguerite, Mixed | .10 | .75 |
| Celosia | | |
| Cristata (Cockscomb), Mixed..... | .10 | 1.00 |
| Childsii (Chinese Woolflower), Crimson..... | .10 | 1.50 |
| Centaurea Cyanus (Bachelor's Button) | | |
| Double Blue..... | .10 | .40 |
| Double Mixed..... | .05 | .30 |
| Centaurea Imperialis (Royal Sweet Sultan), Mixed | .10 | .50 |
| Columbine | | |
| Single Mixed..... | .10 | .60 |
| Double Mixed..... | .10 | .60 |
| Long Spurred, Mixed | .20 | 2.50 |
| Cosmos | | |
| Giant Mixed | .05 | .30 |
| Early Flowering | .05 | .25 |
| Early Double Crested, Mixed | .15 | 1.50 |
| Klondyke Orange Flare..... | .15 | 2.00 |
| Clarkia | | |
| Double and Single Mixed..... | .10 | .75 |

| | Pkt. | Oz. |
|--|------|------|
| Cypress Vine..... | .05 | .30 |
| Dahlia | | |
| Double From Named Varieties..... | .15 | 1.50 |
| Single Dwarf Giant Flowered..... | .15 | 3.00 |
| Daisy | | |
| 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 | .15 | 2.00 |
| Dianthus (China Pinks) | | |
| Single Mixed | .10 | .40 |
| Double Mixed..... | .10 | .50 |
| Didiscus, Blue Lace Flower..... | .10 | 1.00 |
| Digitalis (Foxglove), Mixed..... | .10 | .60 |
| Delphinium | | |
| Hardy Larkspur Finest Mixed..... | .10 | 1.00 |
| Hollyhock Strain..... | .25 | 7.00 |
| Wrexham Strain | .25 | 7.00 |
| Eschscholtzia (California Poppy), Pure Yellow..... | .05 | .25 |
| Euphorbia, Snow on the Mountain..... | .10 | 1.00 |
| Forget-Me-Not | | |
| Alpestris Royal Blue..... | .10 | 1.00 |
| Mixed | .10 | .90 |
| Four o'Clock, Mixed..... | .05 | .20 |
| Gaillardia | | |
| Single Mixed..... | .10 | .35 |
| Perennial, Mixed..... | .10 | .35 |
| Geum, Mrs. Bradshaw Scarlet..... | .15 | 2.75 |
| Lady Stratheden Yellow | .15 | 3.00 |
| Gomphrena (Globe Amaranth), Mixed..... | .10 | .25 |
| Gypsophila | | |
| Elegans Grandiflora Alba | .05 | .25 |
| Paniculata Alba, Perennial | .10 | .50 |
| Helianthus (Sunflower)..... | .10 | 1.25 |
| Helichrysum | | |
| Crimson | .10 | .50 |
| Rosecarmine | .10 | .50 |
| Salmon Queen..... | .10 | .50 |
| Double Mixed..... | .10 | .40 |
| Hollyhock | | |
| Double Mixed..... | .10 | 1.00 |
| Single Mixed | .10 | .50 |
| Hyacinth Bean, Mixed..... | .05 | .20 |
| Kochia Childsii, Summer Cypress | .05 | .30 |
| Kudzu Vine | .10 | .50 |
| Larkspur, Double Mixed..... | .05 | .50 |
| Lathyrus Latifolius (Hardy Sweet Peas)..... | .15 | .75 |
| Lupinus, Mixed..... | .05 | .35 |

| | Pkt. | Oz. |
|---|------|-------|
| Marigold | | |
| African Double Mixed..... | .05 | .40 |
| French Double Mixed..... | .05 | .40 |
| Orange Ball..... | .10 | .75 |
| Lemon Ball..... | .10 | .75 |
| Guinea Gold, New..... | .10 | .75 |
| Tagates Little Gem..... | .10 | 1.00 |
| Mignonette, Sweet | .05 | .20 |
| Moonflower (Ipomea Noctiflora), Black Seed | .10 | .40 |
| Morning Glory | | |
| Convolvulus Major, Mixed..... | .05 | .15 |
| Japanese or Emperor, Mixed..... | .05 | .20 |
| Heavenly Blue..... | .10 | .75 |
| Nasturtium | | |
| 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 | .20 |
| Glorious Gleam Mixed..... | .10 | .25 |
| Nicotiana (Flowering Tobacco) | .10 | .75 |
| Nigella (Love-In-A-Mist) | .05 | .30 |
| Pansy | | |
| Good Mixed..... | .10 | 1.00 |
| Trimardeau Mixed..... | .15 | 2.00 |
| Riggoli Swiss Giants..... | .25 | 5.00 |
| Petunia Hybrid, Mixed | .10 | .75 |
| Balcony Rose..... | .15 | 4.00 |
| Balcony Deep Blue..... | .15 | 5.00 |
| Giants of California..... | .25 | 40.00 |
| Rosy Morn..... | .15 | 4.00 |
| Phlox Drummondii | | |
| Scarlet..... | .15 | 1.50 |
| Fine Mixed..... | .10 | 1.00 |
| Poppy | | |
| Double Mixed..... | .05 | .20 |
| Shirley Mixed..... | .05 | .30 |
| Single Mixed..... | .05 | .20 |
| Oriental Scarlet..... | .25 | 1.50 |
| Iceland, Single Mixed..... | .15 | 1.00 |
| Portulaca | | |
| Mixed..... | .10 | .75 |
| Double Mixed..... | .15 | 2.50 |
| Pyrethrum, Mixed | .15 | 2.00 |
| Ricinus (Castor Oil Beans), Mixed | .05 | .15 |
| Salpiglossis, Finest Mixed | .10 | 1.00 |
| Salvia, Fireball | .15 | 2.50 |
| Scabiosa (Morning Bride), All Colors Mixed | .05 | .45 |
| Smilax, Boston | .10 | .50 |
| Statice, Choice Mixed | .10 | .40 |
| Latifolia..... | .20 | 2.50 |
| Stocks, Mixed | .15 | 1.50 |
| Mammoth Early Branching, "Nice"..... | .25 | 2.00 |

| Sweet Peas, Spencer Varieties | | | | |
|--|------------------|---------------------------|------------------|--------|
| | Pkt. | Oz. | ¼-lb. | Lb. |
| Asta Ohn, Lavender and Mauve..... | \$0.10 | \$0.25 | \$0.75 | \$2.00 |
| White Spencer, Pure White..... | .10 | .25 | .75 | 2.00 |
| Countess Spencer, Best Pink..... | .10 | .25 | .75 | 2.00 |
| King Edward Spencer, Scarlet..... | .10 | .25 | .75 | 2.00 |
| Superb Spencer Mixed..... | .10 | .15 | .50 | 1.50 |
| Sweet William | | | | |
| Single Mixed | | | Pkt. | Oz. |
| Double Mixed..... | | | .10 | .50 |
| | | | .10 | .60 |
| Thumburgia, Finest Mixed | | | .10 | .75 |
| Verbena, Mixed | | | .10 | .75 |
| Lucifer, Scarlet | | | .10 | 2.00 |
| Venidium Fastuosum, Veldt Daisy | | | .20 | 6.00 |
| 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 | | | | |
| Caladium Esculentum..... | \$0.10 to \$0.40 | Each | Per Doz. | |
| Cannas | | .10 | \$1.00 to \$3.00 | .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..... | | | | |
| Rhode's Early Yellow Dent..... | | | | |
| Farm, Grass and Clover Seeds. (Ask for prices; state variety and quantity.) | | | | |
| Timothy | | Barley | | |
| Orchard Grass | | Buckwheat | | |
| Kentucky Blue Grass..... | | Dwarf Essex Rape..... | | |
| Red Top Fancy..... | | Field Peas..... | | |
| Hungarian | | Oats | | |
| Millet | | Alsike Clover | | |
| Medium Red Clover..... | | Alfalfa or Lucerne Clover | | |
| Mammoth Red Clover..... | | Scarlet or Crimson Clover | | |

Dairy Supplies—We are agents for the celebrated DeLaval Cream Separator and carry repairs for same; also Milk Bottles, Bottle Caps, Brushes, Coolers, Wire Delivery Baskets, Milk Cans, Dippers, Strainers, etc.

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., 45c; 5 lb. \$2.00.

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. 35c; 5 lb. \$1.60.

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. 55c; 5 lb. \$2.50.

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. 60 cts.; 10 lb. \$5.50.

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. 45c; 10 lb. \$4.00.

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. \$4.00.

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. 60c; 10 lbs. \$4.25.

Chewing's Fescue. A valuable grass, used in most good mixtures. Especially good in shady places. Lb. 75c; 10 lb. \$7.00.

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.

ROSES FOR THE GARDEN

Many of our old customers are familiar with the high-grade roses that we send out, but to those who have never planted our stock, we wish to direct their attention to the following:

All our roses are 2-year-old field grown budded stock, except where noted: While some planters prefer stock grown on their own roots on account of the possibility of budded plants developing wild shoots, this will rarely occur if the deep planting as directed in the following paragraph is followed. Much can be said in favor of budded plants, they being more vigorous, producing finer blooms, coming into bearing sooner, and are as permanent and hardy as those on their own roots, while many of the very finest varieties will not succeed at all when grown on their own roots. Preference is given to budded plants by all who have had experience with the different classes.

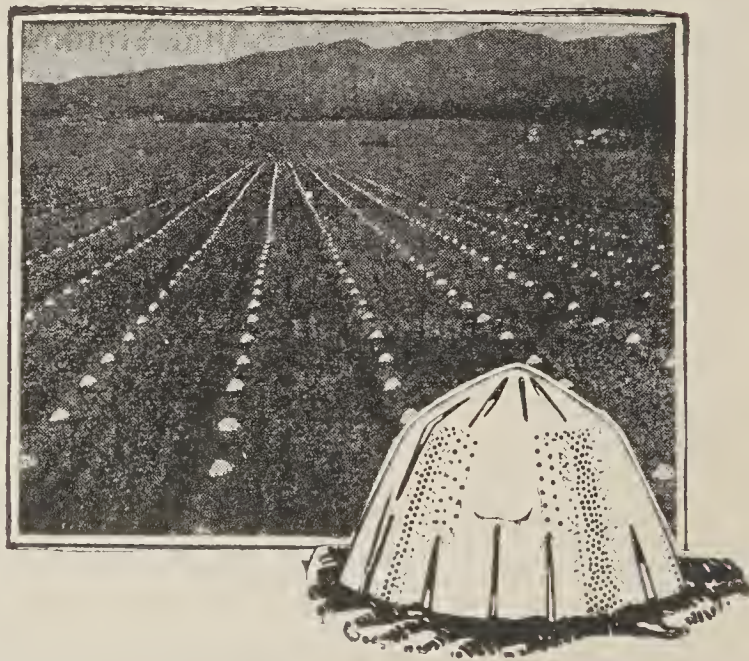
SELECT HYBRID TEA ROSES

- | | |
|--|--|
| Killarney —Bright pink of beautiful form in bud. | Sunburst —Orange and cream; delightful. |
| Lady Hillingdon — Apricot-yellow; very rich and sweet. | Red Radiance —Light red. Equal to Radiance. |
| Jonkheer J. L. Mock — Glowing pink of two contrasting shades. | Wm. F. Dreer — Pinkish yellow, unique color. |
| Mme. Butterfly — Pale pink and gold; lovely when cut. | Golden Ophelia —Golden yellow in center shading to pale yellow on the outer petals. |
| Mme. Caroline Testout —Rich pink; very dependable. | Duchess of Wellington —Saffron-yellow buds of great size. |
| Ophelia — Almost white shaded pink and gold. | Each.....40c Doz.....\$4.00 |

HOTKAPS

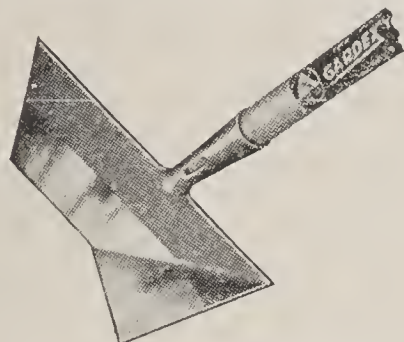
New Method of Plant Protection

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.



Prices: 1,000 lots, \$9.75; 5,000 lots \$9.65 per M; 10,000 lots, \$9.55 per M; 250 Trial Package including Garden Setter with Tamper, \$3.65; 100 Home Package, including Garden Setter with Tamper, \$2.40; Germaco Hotkap Steel Setter with Tamper, \$1.50. Package of 25 and setter 50c.

GARDEX TURF EDGER



No. 400—4½ ft. Handle. \$1.15

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.....\$0.95
No. 1005½—5½" w. 5 ' hd'l..... 1.10

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.

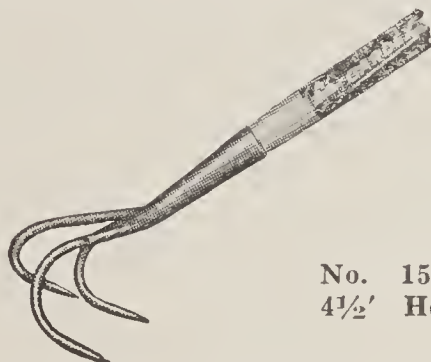
GARDEX HAND PLOW



No. 2006—6" w. 5' handle.....\$1.60

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 —
4½' Hd'l 75c

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—4½' handle.....\$0.95



National
Eezy Wear
Garden Gloves

Price, 70c 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; 30c per lb.; 5 lbs., 90c.

***BLACK LEAF 40**. Per 1 oz. bottle, 35c; \$1.00 per 5 oz.; 1 lb. \$2.25; 2 lbs., \$3.25; 5 lbs., \$5.85; \$10.60 per 10 lbs.

***BORDEAUX MIXTURE (Powder)**. 12½% copper mixture, for spraying purposes. Per ½ lb., 20c; 30c per lb.; 5 lbs., 90c.

BORERKIL. Tube with injector tip that kills borers in trees and shrubs when injected into burrows. Each 60c.

***CYANOGENAS (Calcium Cyanide)**. A valuable insecticide for greenhouse fumigation, for destroying aphids, 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.; 10 lbs., \$3.00; \$5.00 per 25 lbs.

***DERRISOL**. A highly concentrated, odorless insecticide for the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. 1 oz., 35c; ½ lb., \$1.25; 1 lb., \$2.25; 2 lbs., \$3.25; 10 lbs., \$12.00.

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., \$2.00.

***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; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.00 per 25 lbs.; \$12.00 per 100 lbs.

***NICO FUME (Liquid)**. For use as a spray or vapor, for controlling green fly, aphids, etc., in greenhouses and outdoors. Per ¼ lb., 75c; \$2.25 per lb., 4 lbs., \$5.75; \$10.00 per 8 lbs.

NICO FUME PAPER. For fumigating greenhouses; gives off dense fumes charged with nicotine. Per box of 24 sheets, \$1.25; \$4.50 for 144 sheets; 288 sheets, \$8.00.

***NICO FUME FUMIGATING POWDER**. A tobacco powder highly charged with nicotine; splendid for fumigating greenhouses. Per lb. can, 75c; \$3.35 for 5 lbs.; 10 lbs., \$5.85.

***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.

MAGIKIL. A quick handy ant control. Per tube 35c.

INSECTICIDES AND FUNGICIDES

PARA DICHLOOROBENZINE. 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., 15c; 25c per $\frac{1}{2}$ lb.; lb., 45c; \$2.00 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., 35c; \$2.25 per lb.; 5 lbs., \$9.90; \$45.50 per 25 lbs.; 100 lbs., \$180.00.

***SEMESAN BEL (DuBay).** For treating seed potatoes before planting, controlling seed-borne diseases. 1 lb. treats 70 to 80 bushels of seed. Per 4 oz., 50c; \$1.65 per lb.; 5 lbs., \$7.00; \$31.25 per 25 lbs.; 100 lbs., \$120.00.

***SEMESAN JR. (DuBay).** For controlling seed-borne diseases of seed field and sweet corn; protects the seed from rotting in the ground. Per 4 oz., 35c; \$1.00 per lb.; 5 lbs., \$4.75; \$21.00 per 25 lbs.; 100 lbs., \$83.00.

***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. 70c per lb.; 5 lbs., \$3.00; \$12.50 per 25 lbs.; 100 lbs., \$49.00.

***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; \$8.25 per 15 gals.; 30 gals., \$13.80; \$19.00 per 50 gals.

TRI-O-GEN.—Rose Garden Spray. Affords definite protection against practically all insects and fungus diseases in the rose garden. Trial size \$1.50; Standard size \$4.00; Large Outfit \$6.00.

***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.

Snarol

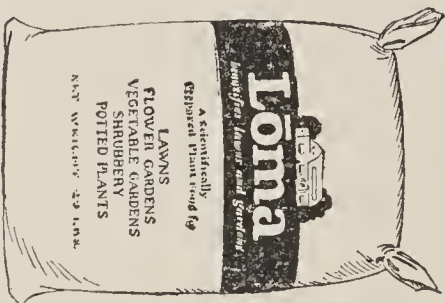
The National Pest Control

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; 250 lb. bbl., \$34.00.

GRAPE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb. \$40; 5 lbs., \$1.25.

Lōma
 the best thing on earth
 for lawns and gardens



America's Finest Plant Food!

Your garden and lawn need an easily digested and lasting diet if they are to repay your efforts and live up to your expectations—and the *best* food you can give them is LōMA. Feed LōMA, and in a short time your lawn will become a closely-woven carpet of rich, emerald-green . . . your flowers will be more colorful and longer-lasting . . . your vegetables will be meatier and more flavorful . . . your fruit trees will yield more abundantly . . . and your shade trees will be healthier and more handsome. LōMA not only contains the three essentials—Nitrogen, Phosphoric Acid, and Potash—but all of the essential rarer elements as well.* Every ounce of LōMA is readily absorbed and digested by the plant roots. LōMA is clean, odorless, economical . . . easy to use, handle or store. Insure your lawn and garden an even, sturdy growth throughout the season by feeding *America's finest plant food*—LōMA.

| | |
|-----------------------|--------|
| 100 lb. bag | \$4.00 |
| 50 lb. bag | 2.50 |
| 25 lb. bag | 1.50 |
| 10 lb. bag | .85 |
| 5 lb. can | .45 |
| 1 lb. can | .10 |



★ **COMPLETE AND 100% EFFECTIVE**
 In addition to LōMA'S scientifically balanced ration of Nitrogen, Phosphoric Acid and Potash, it contains Manganese, Magnesium, Calcium, Sulphur, Iron, Zinc, Boron, Chlorine, Carbon, Aluminum, Titanium, Sodium, Chromium, Copper and other Elements essential to plant growth.

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. 30c per 5 lbs.; 10 lbs., 50c; \$1.00 per 25 lbs.; 50 lbs., \$1.75; \$3.00 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., 30c; 50c per 10 lbs.; 25 lbs., \$1.00; \$2.00 per 50 lbs.; 100 lbs., \$3.50.

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; \$2.00 per 50 lbs.; 100 lbs., \$3.50.

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. 35c for 5 lbs.; 10 lbs., 65c; \$1.00 for 25 lbs., 50 lbs., \$1.75; \$3.00 per 100 lbs.

ROYSTER'S 4-8-6 LAWN AND GARDEN FERTILIZER. 100 lbs., \$2.50; 500 lbs., \$11.00.

CATTLE MANURE. Shredded and dried and therefore considerably more concentrated than as it comes from the stable. 100 lbs., \$3.00.

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; \$2.00 for 50 lbs.; 100 lbs., \$3.50.

PREMIER BRAND POULTRY MANURE is a superior fertilizer both from the standpoint of analysis and results produced. It is exceedingly soluble, readily absorbed, stimulates bacterial action in the soil and contains no live seeds or germs. 25 lbs., \$1.25; 100 lbs., \$3.00.

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, \$3.50.

Special Ton Prices on application.

ADCO WEED KILLER

For lawns

3 lb. Sifter cans\$.85
25 lb. Bags 3.75

Use 1 lb. to 100 square feet

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, \$5.50, all Brass, \$8.50.



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 \$1.00.

MAJOR DUSTER

For all powder insecticides. Has large powder reservoir. Strainer shaped to prevent clogging and give uniform volume of discharge. Each \$1.00.

CADET DUSTER

Adapted for use with all insect powders. A favorite with the housewife in applying roach, and various bug powder. Each, 60c.

"SUCCESS"

The "Success" is the most popular bucket spray pump on the market. Hundreds of thousands are in use all over the civilized world.

All working parts are brass, except the handle and foot rest, which are malleable iron and practically unbreakable. The foot rest is 15 inches high. Nothing to rust or corrode. Solid brass ball valves are non-chokable. Three feet of 3/8-inch hose and our Bordeaux adjustable spray nozzle are regularly supplied. Price, \$5.50.



DEMING SPRAY NOZZLES

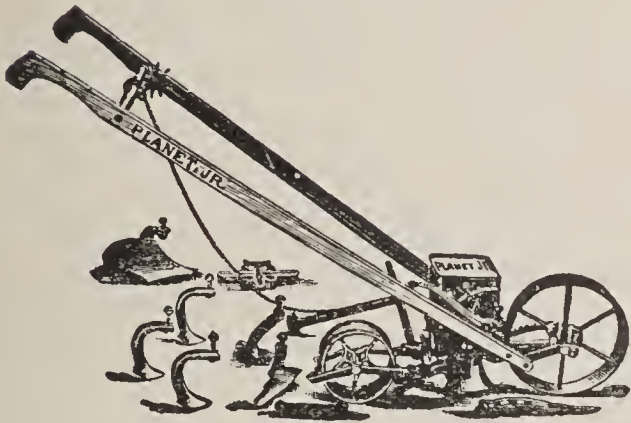


| | | | |
|--|--------|--|------|
| Fig. 766 "Simplex" Nozzle..... | \$0.50 | Fig. 866 "Giant Simplex" Strainer Nozzle..... | 1.00 |
| Fig. 766 1/2 "Angle Simplex" Nozzle..... | .65 | Fig. 866 1/2 "Giant Simplex" Angle Nozzle..... | 1.05 |
| Fig. 754 "Eureka" Nozzle..... | .50 | Fig. 963 "Vermorel" Nozzle.... | .90 |
| Fig. 753 "Demorel" Nozzle..... | .70 | Fig. 965 "Bordeaux" Nozzle.... | 1.05 |

Planet Jr. Garden Tools

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

Price, \$17.50



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

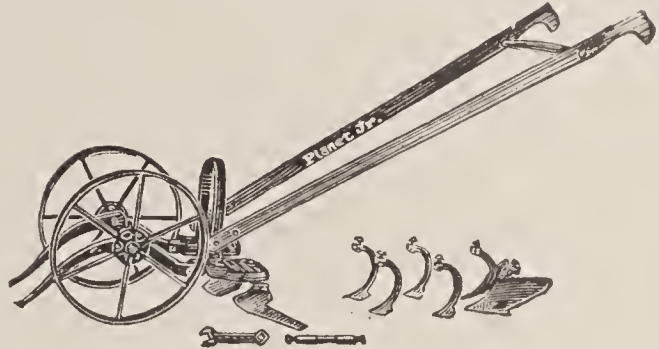
No. 4D SEEDER. PRICE, \$13.75
As above less the cultivating attachments.

No. 300 PLANET JR. DRILL SEEDER

Price, \$19.00

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

Price, \$10.50

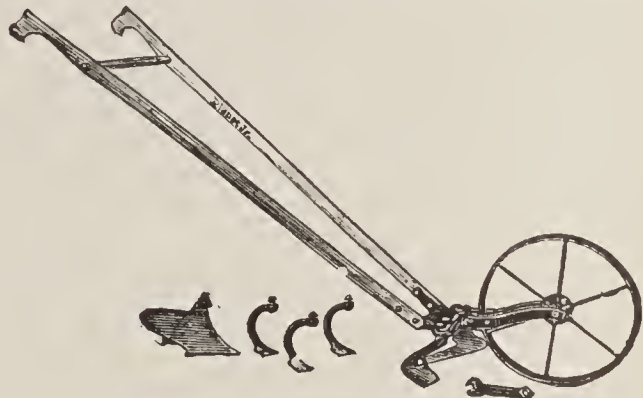


No. 13 DOUBLE WHEEL HOE

This is like No. 12, except that it is equipped with 1 pair side hoes only. Price, \$7.60.

No. 17 PLANET JR. SINGLE WHEEL HOE

Price, \$7.50



No. 17½ SINGLE WHEEL HOE

Same as No. 17, except there is no plow. Price, \$6.50.



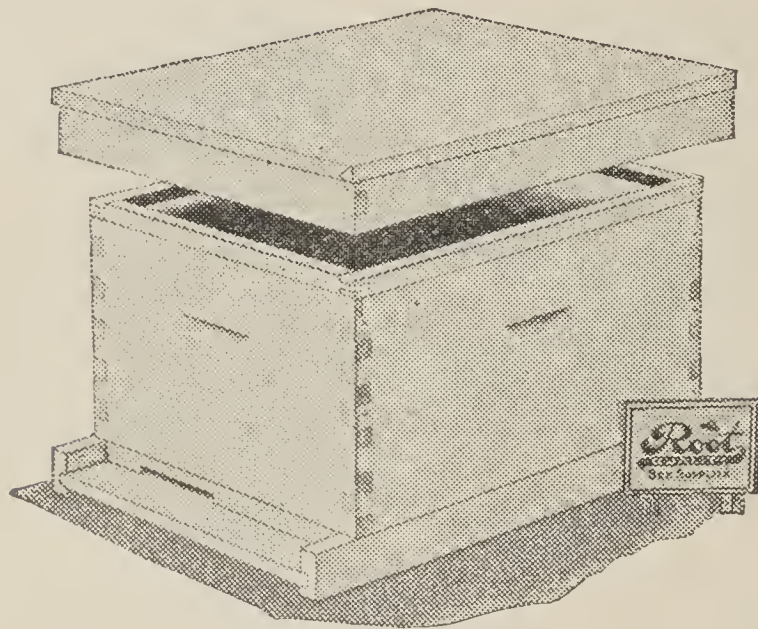
By simply using the water pressure in a garden hose you can now effectively spray your flowers, shrubs, and trees with the same efficient results secured by power spraying methods. Each \$3.75.



Compressed air hand sprayer. Operator sprays with one-half labor ordinary sprayer requires. Throws a fine mist and can be used to apply insecticides, etc. One quart size has extra nozzle for under-leaf spraying.

Price \$1.75

Bee Keepers' Supplies



Courteous Treatment

We Solicit Your Patronage

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>1⅞</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 | 1⅞ | 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. |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | 1⅞ | 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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 oz. to</td><td>4000 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 oz. to | 4000 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 |
| 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 oz. to | 4000 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Number of Plants, Vines, Etc., Required to Set an Acre

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|--------|------------------|--------|----------------|--------|----------------|--------|------------------|-------|----------------|--------|----------------|-------|----------------|-------|----------------|-------|----------------|-------|---|----------------|-------|----------------|-----|------------------|-----|------------------|-----|------------------|-----|------------------|-----|------------------|-----|------------------|----|------------------|----|------------------|----|
| <table border="0" style="width: 100%;"> <tr><td>1 ft. by 1 ft.</td><td>43,560</td></tr> <tr><td>1½ ft. by 1½ ft.</td><td>19,360</td></tr> <tr><td>2 ft. by 1 ft.</td><td>21,780</td></tr> <tr><td>2 ft. by 2 ft.</td><td>10,890</td></tr> <tr><td>2¼ ft. by 2¼ ft.</td><td>6,970</td></tr> <tr><td>3 ft. by 1 ft.</td><td>14,520</td></tr> <tr><td>3 ft. by 2 ft.</td><td>7,260</td></tr> <tr><td>3 ft. by 3 ft.</td><td>4,940</td></tr> <tr><td>4 ft. by 4 ft.</td><td>2,722</td></tr> <tr><td>5 ft. by 5 ft.</td><td>1,742</td></tr> </table> | 1 ft. by 1 ft. | 43,560 | 1½ ft. by 1½ ft. | 19,360 | 2 ft. by 1 ft. | 21,780 | 2 ft. by 2 ft. | 10,890 | 2¼ ft. by 2¼ ft. | 6,970 | 3 ft. by 1 ft. | 14,520 | 3 ft. by 2 ft. | 7,260 | 3 ft. by 3 ft. | 4,940 | 4 ft. by 4 ft. | 2,722 | 5 ft. by 5 ft. | 1,742 | <table border="0" style="width: 100%;"> <tr><td>6 ft. by 6 ft.</td><td>1,210</td></tr> <tr><td>8 ft. by 8 ft.</td><td>680</td></tr> <tr><td>10 ft. by 10 ft.</td><td>434</td></tr> <tr><td>12 ft. by 12 ft.</td><td>302</td></tr> <tr><td>15 ft. by 15 ft.</td><td>194</td></tr> <tr><td>18 ft. by 18 ft.</td><td>134</td></tr> <tr><td>20 ft. by 20 ft.</td><td>103</td></tr> <tr><td>25 ft. by 25 ft.</td><td>70</td></tr> <tr><td>10 ft. by 30 ft.</td><td>40</td></tr> <tr><td>30 ft. by 40 ft.</td><td>27</td></tr> </table> | 6 ft. by 6 ft. | 1,210 | 8 ft. by 8 ft. | 680 | 10 ft. by 10 ft. | 434 | 12 ft. by 12 ft. | 302 | 15 ft. by 15 ft. | 194 | 18 ft. by 18 ft. | 134 | 20 ft. by 20 ft. | 103 | 25 ft. by 25 ft. | 70 | 10 ft. by 30 ft. | 40 | 30 ft. by 40 ft. | 27 |
| 1 ft. by 1 ft. | 43,560 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1½ ft. by 1½ ft. | 19,360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 ft. by 1 ft. | 21,780 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 ft. by 2 ft. | 10,890 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2¼ ft. by 2¼ ft. | 6,970 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 ft. by 1 ft. | 14,520 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 ft. by 2 ft. | 7,260 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 ft. by 3 ft. | 4,940 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 ft. by 4 ft. | 2,722 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 ft. by 5 ft. | 1,742 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 ft. by 6 ft. | 1,210 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 ft. by 8 ft. | 680 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 ft. by 10 ft. | 434 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 ft. by 12 ft. | 302 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 ft. by 15 ft. | 194 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 ft. by 18 ft. | 134 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 ft. by 20 ft. | 103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 ft. by 25 ft. | 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 ft. by 30 ft. | 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 ft. by 40 ft. | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Weights of Various Articles in the State of Ohio

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



Feed Your Lawn and Garden Regularly



VIGORO SPREADERS

| Model | Width | Cap. | Price |
|----------------|-------|---------|--------|
| "B" | 14" | 13 lb. | \$2.50 |
| Junior | 16" | 35 lb. | 5.60 |
| Standard | 24" | 65 lb. | 10.55 |
| Special | 36" | 100 lb. | 17.25 |

For Finer Lawns . . .

The use of four pounds of Vigoro on each 100 sq. ft. of lawn area assures a well-fed, beautiful lawn. Order Vigoro from us. It's the complete plant food for everything you grow.

| | |
|-----------------|----------------|
| 100 lbs. \$4.00 | 50 lbs. \$2.50 |
| 25 lbs. \$1.50 | 10 lbs. \$.85 |
| 5 lbs. \$.45 | 1 lb. \$.10 |
| Prices f. o. b. | |



VIGORO
Complete plant food

Wm. T. PHILIPPS & CO., Inc.
SEEDSMEN

519-521 MONROE STREET TOLEDO, OHIO