

## **Historic, Archive Document**

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# 1953 Seeds of Quality

- Seeds
- Farm Machinery
- Poultry Supplies
- Insecticides
- Fertilizers
- Tools



**ROSS BROS. CO.**  
 Worcester, Mass.



1843-1953 — 110 Years

## Ross' Lawn Seed

**High Germination • Tested Purity • Approved Formulas**

**PERFECT Lawns Within Reach of All.** All of Ross' Celebrated Lawn Grass Seeds are particularly suited to the New England conditions. When properly used, they produce thick velvety lawns of the finest type in a few weeks.

### Worcester Lawn Seed

The Worcester Lawn Seed is our own mixture made from a formula which has been given a great deal of careful study and we are positive that no better general purpose lawn seed can be made. **Price: Lb., 85c; 2 lbs., \$1.70; 5 lbs., \$4.15; 10 lbs., \$7.80; 100 lbs., \$73.00.**

### Green Hill Lawn Seed

This is composed of only four varieties of grasses as follows: Creeping Bent, Rye Grass, Kentucky Blue and Red Top. These are four of the best lawn grasses known. **Price: Lb., \$1.05; 5 lbs., \$5.00; 10 lbs., \$9.50; 100 lbs., \$90.00.**

### Truegreen Lawn Seed

This is a mixture of three of the best so-called lawn grasses and is adapted to almost any ordinary situation. **Price: Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.80; 100 lbs., \$63.00.**

### Shady Spot Lawn Seed

It is possible to produce a lawn under almost any conditions but to do this in a situation where shade predominates the greater part of the time is very difficult. A shady location requires special treatment of the soil and in almost every shady spot lime must be added, but most important is the selection of the seed. **Price: Lb., 90c; 5 lbs., \$4.35; 10 lbs., \$8.20; 100 lbs., \$77.00.**

### Golf Course Mixtures

**For Putting Greens and Fair Greens**

Both the fairways and greens require a mixture of seed which will bear very close cutting and which will produce a turf of a strong, persistent nature. We offer mixtures which are of the highest purity and germination.

**MIXTURE FOR PUTTING GREENS. Lb., \$1.10; 5 lbs., \$5.00; 10 lbs., \$9.30; 100 lbs., \$88.00.**

**MIXTURE FOR FAIRWAYS. Lb., 75c; 5 lbs., \$3.40; 10 lbs., \$6.50; 100 lbs., \$58.00**

### Athletic and Playground Mixture

**Lb., 90c; 5 lbs., \$4.20; 10 lbs., \$7.90; 100 lbs., \$74.00.**

### Cemetery Mixture

This is especially adapted to light gravelly or sandy soil. **Price: Lb., \$1.05; 5 lbs., \$5.00; 10 lbs., \$9.50; 100 lbs., \$90.00.**

### Terrace and Bank Mixture

It is mixed from grasses which naturally grow a strong, creeping root and are very valuable in holding the soil in place, preventing serious washouts during heavy rains. The seed starts quickly. **Price: Lb., 95c; 5 lbs., \$4.45; 10 lbs., \$8.40; 100 lbs., \$79.00.**

### Special Mixtures of Grass Seed

In addition to the several mixtures of grass seeds which we list in this catalog, we can supply grass seed in mixtures suitable for almost any purpose or location.

We will also be pleased to name prices on any special formula on request.

**NOTICE.**—No price for any article listed in this catalog exceeds the ceiling price for that article as determined under O.P.S. Regulation.

THE ROSS BROS. CO. warrants to the extent of the purchase price that seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, express or implied.

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE

# ROSS BROS. CO.

179-181 Commercial St.

Worcester 8, Mass.

# Directions For Ordering

**PLEASE USE OUR ORDER SHEET.** It will be a help to us in filling your order correctly. If you desire to write us, use a separate sheet of paper. Be sure to give your full name and address on all orders and letters.

**KEEP A COPY OF YOUR ORDER.** Sometimes customers complain of not receiving goods which were not ordered. If goods ordered do not reach you in a reasonable time, advise us and send us a copy of your order.

**HOW TO SEND MONEY.** Remittances can be sent safely by Post Office Money Order, Bank Draft, Express Money Order, Check or by Registered Letter. We do not accept stamps for small amounts.

Do not send coins loose in an envelope as they may break through. If bills are sent, your letter should be registered.

**ORDER EARLY** — We endeavor to fill all orders as soon as received, but during the rush season of April and May, delays are sometimes unavoidable. This, however, can be partly overcome if our patrons will send us their orders early.

**FREE DELIVERY** — All Vegetable Seeds, Flower Seeds and Bulbs offered in this catalogue will be delivered **transportation paid** in the United States at prices listed. In making this Free Delivery offer we reserve the right to ship goods by Parcel Post, Express or Freight. Other items of seeds and other merchandise will be sent transportation collect unless otherwise noted in this catalogue.

**GRASS AND FIELD SEEDS** — All Grass and Field Seeds, Onion Sets and Potatoes are shipped only at purchaser's expense by express or freight, as ordered. Prices quoted in this catalogue are F.O.B. Worcester. Small quantities of Grass or Field Seeds sent by Parcel Post, if postage is added at parcel post rates.

**NOTICE** — While it is not our custom to substitute, we feel that in the event of our being sold out of any variety it would be to the advantage of our patrons to allow us this privilege, for, if on receipt of any substitute it is not perfectly satisfactory, the same may be returned and money paid will be refunded.

**Telegraph your order with Western Union Money Transfer and goods will be shipped same day order is received.**

Add Postage to your order as indicated below—if required.

See Free Delivery on other side.

### PARCEL POST RATES

Weight in Lbs.	Local	ZONES							
		1-2	3	4	5	6	7	8	
1....	\$0.15	\$0.17	\$0.17	\$0.19	\$0.21	\$0.23	\$0.25	\$0.27	
2....	.17	.20	.21	.24	.28	.33	.37	.41	
3....	.18	.22	.24	.29	.35	.42	.48	.55	
4....	.19	.25	.28	.34	.42	.51	.60	.69	
5....	.20	.27	.31	.38	.48	.60	.71	.83	
6....	.22	.29	.35	.43	.55	.70	.83	.97	
7....	.23	.32	.38	.48	.62	.79	.94	1.11	
8....	.24	.34	.42	.53	.69	.88	1.06	1.25	
9....	.25	.37	.45	.57	.75	.97	1.17	1.39	
10....	.27	.39	.49	.62	.82	1.07	1.29	1.53	
11....	.28	.41	.52	.67	.89	1.16	1.40	1.67	
12....	.29	.44	.56	.72	.96	1.25	1.52	1.81	
13....	.30	.46	.59	.76	1.02	1.34	1.63	1.95	
14....	.32	.49	.63	.81	1.09	1.44	1.75	2.09	
15....	.33	.51	.66	.86	1.16	1.53	1.86	2.23	
16....	.34	.53	.70	.91	1.23	1.62	1.98	2.37	
17....	.35	.56	.73	.95	1.29	1.71	2.09	2.51	
18....	.37	.58	.77	1.00	1.36	1.81	2.21	2.65	
19....	.38	.61	.80	1.05	1.43	1.90	2.32	2.79	
20....	.39	.63	.84	1.10	1.50	1.99	2.44	2.93	
21....	.40	.65	.87	1.14	1.56	2.08	2.55	3.07	
22....	.42	.68	.91	1.19	1.63	2.18	2.67	3.21	
23....	.43	.70	.94	1.24	1.70	2.27	2.78	3.35	
24....	.44	.73	.98	1.29	1.77	2.36	2.90	3.49	
25....	.45	.75	1.01	1.33	1.83	2.45	3.01	3.63	
26....	.47	.77	1.05	1.38	1.90	2.55	3.13	3.77	
27....	.48	.80	1.08	1.43	1.97	2.64	3.24	3.91	
28....	.49	.82	1.12	1.48	2.04	2.73	3.36	4.05	
29....	.50	.85	1.15	1.52	2.10	2.82	3.47	4.19	
30....	.52	.87	1.19	1.57	2.17	2.92	3.59	4.33	
31....	.53	.89	1.22	1.62	2.24	3.01	3.70	4.47	
32....	.54	.92	1.26	1.67	2.31	3.10	3.82	4.61	
33....	.55	.94	1.29	1.71	2.37	3.19	3.93	4.75	
34....	.57	.97	1.33	1.76	2.44	3.29	4.05	4.89	
35....	.58	.99	1.36	1.81	2.51	3.38	4.16	5.03	
36....	.59	1.01	1.40	1.86	2.58	3.47	4.28	5.17	
37....	.60	1.04	1.43	1.90	2.64	3.56	4.39	5.31	
38....	.62	1.06	1.47	1.95	2.71	3.66	4.51	5.45	
39....	.63	1.09	1.50	2.00	2.78	3.75	4.62	5.59	
40....	.64	1.11	1.54	2.05	2.85	3.84	4.74	5.73	

### LOCAL DELIVERIES

Because of conditions concerning transportation, we can deliver only when accumulated orders and delivery schedule permits. If immediate delivery is wanted we will ship by local truckman at customer's expense.

**All prices subject to change without notice.**

Most of the failures with seeds, plants, and bulbs are due to causes entirely beyond our control such as unfavorable weather or soil conditions, too deep or too shallow planting, which renders it impossible for us to guarantee success.

THE ROSS BROS. CO. warrants to the extent of the purchase price that seeds, bulbs or plants sold are as described on the container within recognized tolerances. Seller gives no other or further warranty, expressed or implied.

**ROSS BROS. CO.**

# Ross' Lawn and Agricultural Grasses

## PRICES

of all Grass Seeds subject to market changes. Prices include bags or sacks unless otherwise noted. Prices f.o.b. Worcester.

**ASTORIA BENT** (Botanically the same as Rhode Island or Colonial Bent.) Of fine growth, forming a close and permanent sod. One of the best lawn grasses and very desirable for golf courses and polo grounds.

Lb., \$1.75; 5 lbs., \$8.00; 10 lbs. or more, \$1.55 per lb.

**HIGHLAND BENT.** A strain of Colonial Bent, desirable for lawns; it spreads from underground rootstocks and will withstand drought better than other varieties.

Lb., \$1.30; 5 lbs., \$6.00; 10 lbs. or more, \$1.15 per lb.

**SEASIDE BENT.** Sometimes called Coos County Bent, it is fine leaved and produces runners or stolons which, when they come in contact with the soil, take root and grow. It is an excellent Bent for putting greens and lawns. Withstands shade quite well.

Lb., \$1.75; 5 lbs., \$8.25; 10 lbs. or over, \$1.60 per lb.

**BIRDSFOOT TREFOIL.** It is a long-lived perennial, doing well on all kinds of soil. This plant appears to answer the demand for a deep-rooted, drought-resistant perennial legume that will grow and persist under grazing. The results of analysis indicate that it is equal to the other hay and pasture legumes in feeding value. Broadcast at the rate of 5 pounds per acre.

Lb., \$1.40; 5 lbs., \$6.75.

**BROME GRASS** (*Bromus Inermis*). It is a large-leaved perennial. It spreads by underground roots. Consequently, it is usually a strong sod grass and is well adapted to pasturing. It is a cold and drought-resistant grass. It is tall growing, reaching a height of two to five feet. 15 pounds per acre when used alone, 7 or 8 pounds when used with alfalfa.

Lb., 40c; 10 lbs., \$3.60.

**CANADIAN BLUE GRASS** (*Poa compressa*). A hardy perennial with creeping root-stalks which form a strong turf.

Lb., \$1.00; 10 lbs., \$9.50.

**CHEWINGS' FESCUE** (*Festuca rubra*). Its leaves are bright green and the plant does not grow in tufts but creeps by underground stems, so that one plant may eventually cover a circle 2 to 4 feet in diameter. It is used mainly as a lawn plant. On sandy or gravelly soil it makes exquisite lawns.

Lb., 95c; 10 lbs., \$8.50.

**CREeping RED FESCUE.** Produces a turf similar to Chewings' Fescue, spreading by underground runners that make an extremely tight sod. It does well on all types of soil. Ideal for lawns, cemeteries and playgrounds.

Lb., 95c; 10 lbs., \$8.50.

**ILLAHEE FESCUE, CERTIFIED.** It is a new strain of creeping Red Fescue. It spreads from roots that creep underground, putting up new growth. It is a perennial grass that easily thickens up into a dense carpet of green turf. It does well in poor soil and is rated highly resistant to drought and disease. It will stand heavy wear and is desirable for playgrounds.

Lb., \$1.25; 10 lbs., \$12.00.

**KENTUCKY BLUE GRASS** (*Poa pratensis*). 85% pure. One of the most valuable grasses for pasture and lawn, requires some time to become established, but lasts indefinitely on congenial soils. Sown with white clover, it forms a splendid lawn.

Lb., 95c; 10 lbs., \$9.00.

**KENTUCKY BLUE GRASS.** 98% pure.

Lb., \$1.10; 10 lbs., \$10.50.

**MEADOW FESCUE** (*Festuca pratensis*). Largely used for permanent mowing mixtures.

Lb., 35c; 10 lbs., \$3.00.

**ORCHARD GRASS** (*Dactylis glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places.

Lb., 45c; 10 lbs., \$3.90.

**POA TRIVIALIS.** Ideal for shade. It is a perennial and grows in soil that is moist and cool.

Lb., 75c; 10 lbs., \$6.80.

**REED CANARY GRASS.** A tall growing water grass, thriving in brooks, ditches, ponds, and marshy tracts of land. It is of good nutritive value.

Lb., 60c; 10 lbs. or over, 53c per lb.

**RED TOP, RECLEANED.** 92% pure. This is one of the best grasses for sowing for immediate effect.

Lb., 75c; 10 lbs., \$7.00; 100 lbs., \$68.00.

**RED TOP, FANCY RECLEANED.** 98% pure.

Lb., 85c; 10 lbs., \$8.00; 100 lbs., \$78.00.

**RYE GRASS, DOMESTIC.** Used extensively in lawn mixtures.

Lb., 25c; 10 lbs., \$1.90; 100 lbs., \$16.00.

**RYE GRASS, PERENNIAL** (*Lolium perenne*). Of rapid growth and productive; produces a strong growth in 4 to 5 weeks.

Lb., 25c; 10 lbs., \$2.20.

**WORCESTER GRADE TIMOTHY.** Our Worcester Grade is a seed which is of the highest quality at the start. Taken from the best fields of full ripe seed, we can assure you, that after going through the cleaning process we can guarantee a purity of 99.50 per cent.

Lb., 30c; 10 lbs., \$2.75; 100 lbs., \$25.50.



# CLOVERS

*Natural Soil Improvers  
Unexcelled for  
Stock Feeding*



*Sweet  
Clover*

## Sweet Clover

The Greatest Soil Renovator, Hay and Pasture Crop.

**BOKHARA or SWEET CLOVER** (*Melilotus alba*). A native of all parts of the United States and Canada. It is an erect branching biennial plant with woody stems growing the first season 2 to 3 feet high and developing a large root. The second year's growth usually reaches a height of 4 to 7 feet.

Lb., 30c; 10 lbs. or more, 24c per lb.

**WILD WHITE CLOVER.** It is a wild form of cultivated White Dutch Clover, compared to White Dutch it has smaller leaves, stems and flower heads. It is a true perennial, used on lawns and pastures. It spreads by surface runners, which root at the joints and therefore can survive indefinitely. Lb., \$1.00; 5 lbs., \$4.50.

## Grass Seed Mixtures for Hay and Permanent Pasture

The Worcester Special Mixtures of Grass Seed produce wonderful hay crops and pasture, maintaining their cropping qualities for years.

**PERMANENT PASTURE MIXTURE FOR MEDIUM SOIL.** Aside from permanency, an important requisite is that of continual growth from early spring until fall, and as many varieties as possible should be used which bear constant tramping and continued close grazing. This mixture is prepared with these ends in view. Contains Ladino and White Dutch clovers. 30 pounds to the acre.

Lb., 60c; 10 lbs. or more, 54c per lb.

**No. 1 GRASS SEED MIXTURE.** For seeding down use 25 lbs. to the acre. Contains timothy, red top, medium red clover, and alsike clover. All domestic seed.

Lb., 50c; 10 lbs. or more, 41c per lb.

**ALSIKE or SWEDISH CLOVER** (*Trifolium hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition and seldom has to be reseeded.

Lb., 70c; 10 lbs. or more, 60c per lb.

**CRIMSON CLOVER** (*Trifolium incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers.

Lb., 35c; 10 lbs. or more, 30c per lb.

**LADINO CLOVER FOR LOW WET SOILS.** It is an ideal pasture plant for cattle, sheep, hogs, etc. Should be sown in early spring or September, using Oats, Timothy or Rye Grass, as a nurse crop. We recommend about 4 lbs. of Ladino Clover per acre. \$1.50 per lb.

**KENLAND RED CLOVER.**

Lb., 90c; 10 lbs. or over, 82c per lb.

**MAMMOTH RED CLOVER** (*Trifolium pratense perenne*). Sometimes called Sapling or Pea Vine Clover and English Cow Grass. This differs from the "Medium," being of a ranker growth and yielding more fodder per acre.

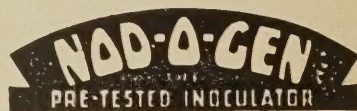
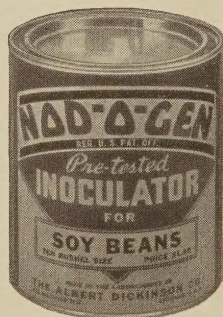
Lb., 60c; 10 lbs. or over, 55c per lb.

**MEDIUM RED CLOVER, AMERICAN GROWN** (*Trifolium pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2½ feet. Sow early in the spring or in the late summer. Lb., 60c; 10 lbs. or more, 55c per lb.

**WHITE DUTCH or LAWN CLOVER** (*Trifolium repens*). This is valuable for pasturage as well as for lawns; it succeeds where other clovers and grasses fail, and it seldom dies out. It can be sown at all seasons, although early spring is best.

¼ lb., 30c; ½ lb., 55c; 1 lb., 95c; 10 lbs. or more, 90c per lb.

## For Good Crops It Is Important to Plant Ross' Selected Seeds



Nod-O-Gen is a high quality humus culture of nitrogen-gathering bacteria containing all the essentials for healthy bacterial growth. Nod-O-Gen causes nodules to develop on the roots of legume crops. These nodules gather nitrogen from the air and convert it into plant food, saving plant food in the soil. Full directions accompany each package. When ordering be sure to state what seed you wish to inoculate. Humus type only.

**GROUP 1.** Alfalfa and Sweet Clover.

1-bu. size, 55c; 2½-bu. size, \$1.10.

**GROUP 2.** Clover, Medium Red, Crimson, Mammoth Alsike, White and White Dutch.

1-bu. size, 55c; 2½-bu. size, \$1.10.

**2 IN 1 COMBINATION** for Alfalfa and Clover. This is a combination of groups 1 and 2.

1-bu. size, 55c; 2½-bu. size, \$1.10.

**GROUP 4.** Soy Beans, all varieties.

2-bu. size, 40c.

**GROUP 5.** Cow Peas, Peanuts, Lima Beans.

2-bu. size, 40c.

**GROUP 6.** Field Beans, Wax, String, Snap, Kidney and Scarlet Runner Garden Beans.

1-bu. size, 55c.

**GROUP 7.** All Vetches, Field, Sweet and Garden Peas.

1-bu. size, 40c; 100-lb. size, 55c.

**GROUP 8.** Garden Combination for Garden Peas and Beans, Sweet Peas, Lima Beans.

15c.

**LADINO CLOVER.** Up to 10 lbs.

25c.

**BIRDSFOOT TREFOIL.** Up to 10 lbs. Pkg., 25c.

Add for Postage. Group 8, Ladino Clover and Birdsfoot Trefoil, 2c. All other Groups, all sizes, 17c.



# FIELD SEED CORN

*Varieties that Fill the Silo*

## Worcester County Sweepstakes

Grows 12 to 15 feet tall.

It is a big yellow Dent Corn, stalks very large, 1½ to 2 inches in diameter, growing 12 to 15 feet high; foliage is long, broad and heavy, starting well down to the ground with an abundance of leaves and produces 15 to 25 tons per acre. 110 days.

½ pk., 95c; pk., \$1.75; ½ bu., \$3.35; bu., \$6.50.

## Hybrid Corn

**CORNELL 29-3.** Hybrid. 100 days. Medium to tall in height, ear medium size, 12- to 16-rowed, has a fine root system. Very heavy producer of silage.

½ pk., \$1.35; pk., \$2.55; bu., \$9.75.

## Improved Leaming

It ranks as one of the early Dent Corns, has a very heavy stalk, growing 12 to 13 feet high and very leafy. The ears are 8 to 10 inches long, filled with medium sized but deep kernels. 110 days.

1 pk., \$1.60; bu., \$6.00.

## Sweet Fodder

Unexcelled for cutting green and feeding to stock. It should be included in all soiling schedules.

10 lbs., \$2.00; 100 lbs., \$18.00.

## Early Canada Flint

An early 8-rowed variety; stalks about 6 ft., ears 8 to 9 inches. This strain is a decided improvement over the old Early Canada Flint. 95 to 100 days.

½ pk., \$1.00; pk., \$1.85; bu., \$6.90.

## Ross' Genuine Eureka Ensilage Corn

This is a variety of silage Corn that has been used for many years in all of our 48 states and in some provinces of Canada in preference to many other heavy yielding varieties. It will produce a tremendous crop of silage in any normal season and will withstand drought and flood better than most Corns, germinating well in cold wet soils.

It holds the record of over 70 tons per acre produced in Michigan several years ago and this record has never been beaten.

If planted about May 15th in New England, Eureka will produce two or more mammoth ears per stalk which are usually in the milk stage at cutting time, giving the Eureka silage a very superior quality.

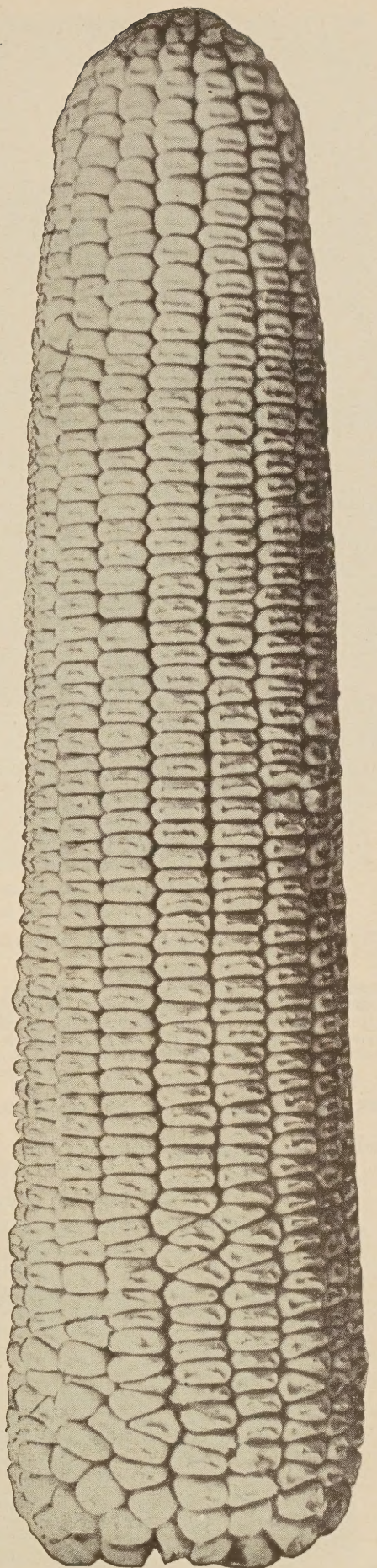
Eureka Corn was introduced by Ross Bros. many years ago and has been offered by us every year since its introduction.

If you will plant Eureka this year, we know you will be pleased with the results. Send to us direct for your seed or ask your local dealer to secure Genuine Ross' Eureka Corn for you.

½ pk., \$1.00; pk., \$1.85; ½ bu., \$3.60; bu., \$7.00.



*Eureka Corn*



*Worcester County Sweepstakes*

# Agricultural

## Barley

**WISCONSIN No. 38.** The beards are smooth and no barbs. Excellent for feeding green.

Pk., 90c; bu., \$3.30.

## Buckwheat

**JAPANESE.** Entirely distinct from all other varieties. It has the advantage of remaining some time in bloom and produces seed earlier. It resists drought and blight better than most varieties.

Pk., \$1.05; bu., \$3.80.

## Canada Field Peas

**CANADA PEAS** may also be sown with other grains as well as with Oats, and are sometimes sown in August with Barley. They are also sometimes sown alone. Choice stock for seed.

Lb., 20c; 10 lbs., \$1.40; 100 lbs., \$13.00.

## Millets

**HUNGARIAN (Hungarian Grass).** An excellent food for horses when cured. Each root sends up several slender stems which often branch. The leaves grow upright, rather narrow. Heads are borne erect or nearly so, about four inches long, dark purple in color.

Lb., 20c; 10 lbs., \$1.55; 100 lbs., \$14.50.

**GOLDEN.** This variety is extensively used throughout the United States. It is sown at the same time and at the same rate per acre as the common Millet. Grows more vigorous, gives a much larger yield of hay than common Millet.

Lb., 20c; 10 lbs., \$1.40; 100 lbs., \$13.00.

**JAPANESE (Panicum frumentacea).** It is entirely distinct from all other Millets. Grows from 6 to 9 feet high, stands up well, and yields enormous crops.

Lb., 15c; 10 lbs., 95c; 100 lbs., \$8.50.

## Seed Oats

**VICTORY.** A tall growing white-kerneled variety which is recommended as a heavy yielder. The straw is stiff and strong enough not to lodge. It was developed at the Svalof Station in Sweden and out-yields the Swedish Select type. It should not be confused with that variety.

Pk., 65c; bu., \$2.30.

**MOHAWK CERTIFIED.** The Mohawk is a selection from a Bond and D67 cross. It derives its rust and smut resistance from its Bond parent and is also resistant to blight. The straw is about 36 inches in height and the grain matures early. Cornell highly recommends Mohawk over Vicland.

Pk., 80c; bu., \$2.60.



Victory Oats

## Alfalfa

**The Farmer's Hay Insurance**

Sow 15 to 25 lbs. per acre.

Every farm should have at least some Alfalfa, its feeding value is unexcelled.

**RANGER.** Certified. Adapted to Central and Northern United States, has been developed for its resistance to a bacterial wilt which has been taking heavy tolls in recent years, in second and third year stands and older. It has a large fall growth and survives hard winters better than other strains.

Lb., 75c; 10 lbs. or over, 68c per lb.

**GRIMM.** Northern grown. Lb., 65c; 10 lbs. or over, 57c per lb.

**BUFFALO.** Certified. Resistance to bacterial wilt.

Lb., 75c; 10 lbs. or over, 69c per lb.

**All Prices Are Subject to Change Without Notice**



Alfalfa

# Seed Grains

## Dwarf Essex Rape

It grows best in cool, moist weather and the time for sowing depends upon when the crop is to be used. When wanted for pasture, allow 8 to 10 weeks for it to attain maximum growth.

Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$20.00.

## Rye

**SPRING RYE.** True stock Spring Rye makes an excellent crop where winter grain has been killed out or for sowing where a fall crop has not been planted. If desired it can be turned under and made to answer a good purpose in adding to the fertility of the soil. Sow seed same time as other spring grain. Use Winter Rye for cover crop.

**ROSEN WINTER RYE.** Rosen Rye produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and of beautiful color, commanding a premium on the market over other grains. Owing to its vigorous stooling property less seed is required, the practice being about one and one-half bushels per acre. Ask for price.

## Soy or Soja Beans

**BLACK WILSON.** Medium size, black seed. Considered the best all-around variety for the North. Of rather upright growth, with a good amount of foliage and a slight tendency to vine on fertile soil. Matures seeds in 125 days and is ready for cutting in 110 days. A heavy seed producer. Pk., \$1.50; bu., \$5.50.

**LINCOLN.** Maturity 125 days. A remarkable record of yield. Superior in standing ability and ranks high in quality and content of oil. Producing large crops of dry forage. Pk., \$1.50; bu., \$5.50.

## Sudan Grass

Sudan Grass is strictly an annual and dies each year like millet. From seven to nine feet high, with very small stems. Stock prefer it Sow 10 to 15 lbs. per acre. Lb., 30c; 10 lbs., \$2.30; 100 lbs., \$22.00.

**SUDAN GRASS.** (Sweet.) An improvement over the common. Very palatable and very productive. Lb., 30c; 10 lbs., \$2.40; 100 lbs., \$23.00.

## Mammoth Russian Sunflower

Produces very heavy yields per acre for silage or grown for its seed. Valuable for feeding. Lb., 40c; 10 lbs., \$3.50.

**FEEDING SUNFLOWER.** See page 23.

## Soy or Soja Beans

A great soil enricher, gathering nitrogen from the air. Produces enormous crops as far North as Canada, ripening seed as far as Massachusetts. Especially valuable (in combination with millet and fodder corn) for ensilage, supplying the albuminoids or flesh-forming food.

**INOCULATE WITH NOD-O-GEN**



Wheat



Barley

## Vetch

**HAIRY.** Can be sown during the spring as well as in the fall, with good results. Used for green feed and plowing under for green manure. Sow at the rate of 30 to 40 lbs. with 1 bu. of small grain.

Lb., 35c; 10 lbs., \$2.90; 100 lbs., \$27.00.

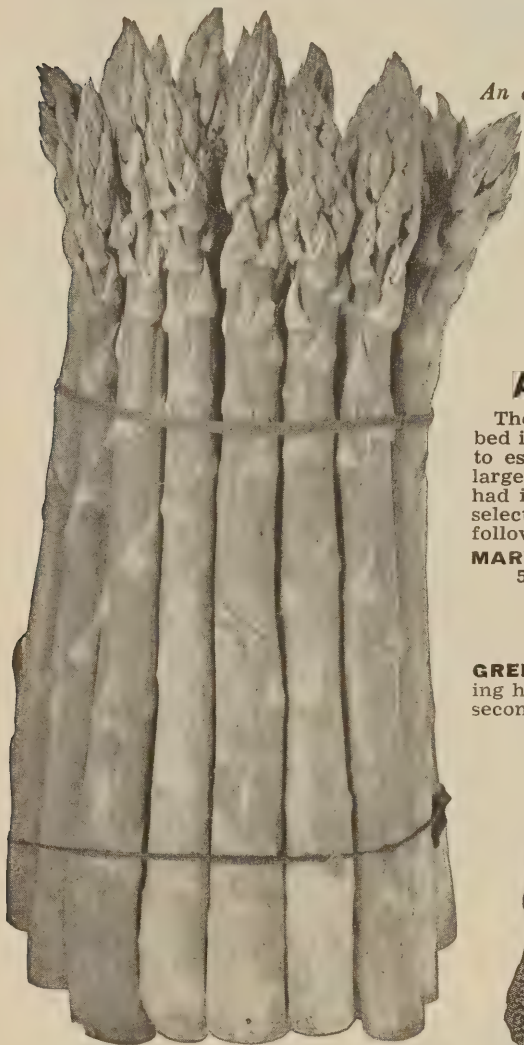
## Wheat

**HENRY.** (Spring Wheat.) A new variety of spring wheat bred by the Wisconsin Experiment Station. Its advantages are disease resistance and high yield. It has large white heads, with bearded chaff which is white, or may be tinged with red at maturity. Kernels are larger than most Spring Wheats, and red in color. Henry Wheat is resistant to leaf rust and moderately resistant to stem rust and stinking smut. It is rapidly replacing older spring wheat varieties.

Pk., \$1.50; bu., \$5.50.

**WHITE** (Winter Wheat). Sow early in the fall for a good firm root to survive our New England winters. Winter Wheat makes an excellent green feed, coming very early in the spring and staying in condition for feed much longer than spring or winter rye. A productive, bald, white variety, large and plump. Ask for price.

# VEGETABLES of Superior



Mary Washington

## ASPARAGUS

An ounce will sow about 60 feet of drill, and produce 200 or more plants.

**MARY WASHINGTON.** This is a selection from the Washington showing a marked improvement in every respect. It is much larger than the ordinary strain and is some earlier. Tips very compact and a rich purplish green. The whole stalk from base to tip is remarkably tender.

Pkt., 10c; oz., 25c; ¼ lb., 70c.

## ASPARAGUS ROOTS

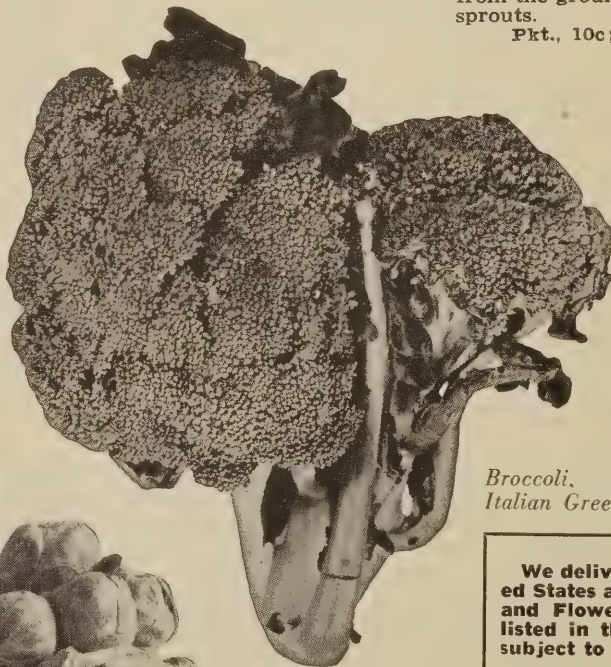
The easiest way to obtain an asparagus bed is to set out the roots. It takes 3 years to establish one from seed, but with our large, 2-year roots a bearing bed may be had in two years. We can furnish strong, selected roots of the variety listed, at the following prices:

**MARY WASHINGTON.** 25 for \$1.25; 50 for \$2.00; 100 for \$3.50, postpaid.

## ARTICHOKE

**GREEN GLOBE.** Perennial, large-flowering heads, cooked like asparagus. Matures second year; not hardy in the North.

Pkt., 10c.



Broccoli,  
Italian Green Sprouting

If you are in doubt as to the varieties best suited for your garden, let us select these for you. We will make the selection for you if you will tell us the quantities you require. Buy only good seeds.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.

## BROCCOLI

**ITALIAN GREEN SPROUTING.** (Close Heading.) Planted and used the same as cauliflower, bluish green color, largely used by market gardeners. The plants require plenty of water. Seed started in June will make heads which will be in good condition all winter. Seed started earlier will bring heads in for summer. Broccoli takes longer to mature than cauliflower, allow 2 or 3 weeks more.

Pkt., 10c; ½ oz., 30c; oz., 50c.

## BROCCOLI - RAAB

**RAPA.** (Italian Turnip.) Used as early greens, leaves are broad strap leaf Turnip type.

Pkt., 10c; oz., 30c; ¼ lb., 85c.

## BRUSSELS SPROUTS

Delicious  
Miniature  
Cabbages

1 oz. will produce 3000 plants.

**LONG ISLAND IMPROVED.** A very hardy plant of the cabbage family, in this section may be left in the ground up to December. The plants of the Long Island strain do not grow up very tall but are covered from the ground up with large solid sprouts.

Pkt., 10c; ½ oz., 30c; oz., 50c.



Brussels Sprouts,  
Long Island Improved

## OUR PRICES

Have been reduced to the lowest point consistent with the production of good quality seeds. The varieties of vegetable seeds offered on these pages are the best and most popular varieties in their respective classes, as required for the Ross standard of excellence.

# Quality from Ross' Tested Seed



## BEANS

### Reliable and Productive

1 lb. will plant 100 ft. of drill; 60 to 90 lbs. will plant an acre.

Beans succeed best in warm, light soil of at least average fertility. In this latitude it is not usually safe to plant much earlier than the middle of May. If planting is made earlier and is followed by especially wet or cold weather, the planter should not blame the seedsman if beans fail to germinate. Plant the dwarf varieties in drills 2 to 3 feet apart, about 2 inches deep, and thin plants 4 to 6 inches apart. Give frequent, shallow cultivation until time of blossoming.

### Dwarf Wax or Butter Beans

**CHEROKEE WAX.** A straight yellow pod 5 to 6 inches long, oval-shaped and fine flavor. It is very productive. The flesh is tender, brittle and without strings. Excellent for home or market garden. Pkt., 25c; lb., 60c; 2 lbs., \$1.15; 10 lbs. or over, 55c per lb.

**★BRITTLE WAX.** One of the best early varieties. The pods are round and long, often 6 inches in length, and a rich golden yellow; stringless and tender. When ripe, makes good shell beans. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**SURE CROP STRINGLESS WAX.** Clear amber, stringless pods. Ideal for home or market gardens. Strong grower, dependable cropper. An absolutely stringless, rust-proof wax-pod, bush bean. Pods 7 to 7½ inches long, about half an inch in diameter, and a beautiful rich yellow color.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**★PENCIL POD BLACK WAX.** Best of all the dwarf black-seeded wax beans. It is early and productive, bearing rich yellow, nearly straight, round pods 5½ to 6 inches long.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**ROUND POD KIDNEY WAX.** Of unsurpassed quality. One of the best for the home garden and very desirable for market, where round-podded varieties are popular. Pods are long, very white and waxlike; uniformly perfect in shape and vine is very productive.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**IMPROVED GOLDEN WAX.** An old, well known and popular variety of excellent quality. Pods flat, long, golden yellow. One of the earliest and best dwarf wax varieties for the private garden. Pkt., 25c; lb., 60c; 2 lbs., \$1.15; 10 lbs. or over, 55c per lb.

### Dwarf or Green Podded Bush Beans

**TOPCROP.** The pods of Topcrop are round, 5½ to 6 inches long. They are earlier than Tendergreen, ready for picking in 51 to 53 days. Height of plant 15-16 inches. Because of its mosaic resistance it has consistently outyielded the commercial varieties such as Tendergreen, Longgreen and others. Canning and freezing tests have shown it is very satisfactory.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**BURPEE'S GREEN POD STRINGLESS.** A very desirable dwarf podded snap sort for the home garden and largely grown for the market. Pods medium green, 5 to 6 inches long. Seed of medium size and length, yellowish brown.

Pkt., 25c; lb., 60c; 2 lbs., \$1.15; 10 lbs. or over, 55c per lb.

**TENDERGREEN.** There's a profusion of exquisitely tender green pods. A green-podded bean of unusual merit. The pods are long, light green in color, round and absolutely stringless. It yields a heavy crop of early beans. Early, prolific, stringless.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs., or over, 60c per lb.

**WADE.** 1952 Introduction of U.S.D.A. Pods are 5½ to 6 in. long, round, dark green, fleshy and delicate in flavor. This variety is resistant to common bean mosaic and powdery mildew.

Pkt., 25c; lb., 75c; 2 lbs., \$1.45; 10 lbs. or over, 70c per lb.

**★BOUNTIFUL.** Vine unusually thrifty, rarely affected by blight, bears early, profusely and for a long time. Pods large, flat but thick and meaty, stringless and tender.

Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

### Dwarf or Bush Shell Beans

**DWARF HORTICULTURAL.** Pods thick, broad, of medium length, yellowish green splashed with red when at the stage of fitness for green shell beans and are then very attractive.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

**★FRENCH HORTICULTURAL.** The vines are compact and of upright growth; almost always sending out runners to a height of 1½ to 2 feet, but do not climb a pole and are not of sufficient length to affect the bean in any way. The pods when ready to use are a yellowish green splashed with a bright crimson. Very prolific. Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

*Don't  
Forget*

To get a summer-long supply of this delicious vegetable, sow seeds every 2 weeks. Order sufficient seeds now for your season's needs.

**BOSTON SMALL PEA.** More largely used than any other variety for baking. Choice select.

Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

**IMPROVED YELLOW EYE.** One of the best sorts for baking; extremely productive and of superior quality.

Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

**RED KIDNEY.** Large red kidney-shaped beans of excellent quality. The old-fashioned baking beans. Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

# BEANS for The Home Garden

## LIMA BEANS

### Bush Limas

1 lb. will plant about 50 hills.

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the beans, eyes down, every 2 inches. Cover about 2 inches deep. Thin to 6 inches. Note: In very wet weather bush lima beans will sometimes send out runners about 2 feet long.

**HENDERSON'S BUSH LIMA.** 65 days. A flat-seeded baby lima bean. It is one of the earliest limas and very productive. Pkt., 25c; lb., 60c; 2 lbs., \$1.15; 10 lbs. or over, 55c per lb.

**BURPEE'S IMPROVED BUSH LIMA.** A distinct strain. The earliest, largest, and the best of all large limas. This strain differs from the popular Burpee's Bush Lima in bearing uniformly much larger pods, producing more beans, while both pods and beans are much larger and thicker. While the beans are as large as those of the large lima, the crop of the Improved is ready for gathering from 8 to 10 days earlier. In quality the beans are equal to any, being thin-skinned, juicy and of fine flavor. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**FORDHOOK BUSH LIMA.** One of the leading varieties of bush lima beans. The plant is of stiffly erect habit, the beans are much larger and of superior quality and even when full size are juicy and of fine flavor. Pkt., 25c; lb., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

### Pole Limas

1 lb. will plant about 100 hills.

**KING OF THE GARDEN LIMA.** Earlier than the large lima, and the pods are longer and often contain 5 beans of the largest size. The vine is large and of remarkably vigorous growth and will produce larger pods and bear earlier if only two are allowed to grow to the pole. Pkt., 25c; lb., 60c; 2 lbs., \$1.15; 10 lbs. or over, 55c per lb.

## Wax Podded Pole Beans

1 lb. will plant about 100 hills.

Pole beans require considerable care. They are, when properly grown, of long bearing period, more sensitive to wet and extremes of temperature than the dwarf varieties and should not be planted as early. Set in rows about 4 feet apart, preferably running north and south, allowing about 3 feet between the poles in the row. Plant 6 to 8 beans around each pole and thin to 3 to 4 plants.

**\*KENTUCKY WONDER WAX.** This pole bean is quite similar to the very popular green-podded Kentucky Wonder, except that the very long pods are a little broader, and of a waxy golden yellow. These are very attractive, fleshy, stringless and not surpassed in quality.

Pkt., 25c; lb., 70c; 2 lbs., \$1.35; 10 lbs. or over, 65c per lb.

## Green Podded Pole Beans

**\*KENTUCKY WONDER or OLD HOME-STEAD.** Pods are borne in large clusters, are of unusual length, nearly round, silvery green; when young, crisp, entirely stringless, of fine texture and flavor. Vine bears early and is very productive. Used only as a string bean.

Pkt., 25c; lb., 60c; 2 lbs., \$1.15; 10 lbs. or over, 55c per lb.

**SCARLET RUNNER.** Largely grown as an ornamental climber; its rapid growth and early production of dazzling flowers make it a favorite for covering screens, walls, etc. It is also of excellent edible qualities, but rarely grown for that purpose.

Pkt., 25c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

**WORCESTER MAMMOTH HORTICULTURAL.** The beans, though closely resembling those of the common strain, are much larger. Its strikingly handsome pods combined with its great size are both features of excellence which recommend it.

Pkt., 25c; lb., 65c; 2 lbs. \$1.25; 10 lbs. or over, 60c per lb.

## ENGLISH BROAD BEANS

**BROAD WINDSOR.** An old-fashioned English shell bean. This bean is very hardy; it should be planted as early as the ground will permit, 3 to 4 inches deep in rows 3 feet apart, and plants 1½ feet apart in row. Dry beans very large and yellowish green. Pkt., 25c; lb., 45c

## EDIBLE SOY BEANS

**BANSEI.** These beans are not only delicious when eaten green or dry, but they are also an excellent source of Vitamins A, B, and G. The Bansei variety is one of the earliest, and very productive. Plants grow 24 inches high and do not require support. They are literally loaded with pods. Seeds are bright green while young and yellow when matured.

Pkt., 25c; lb., 45c; 2 lbs., 85c; 10 lbs. or over, 40c per lb.

REMEMBER QUALITY VEGETABLES COME FROM YOUR OWN GARDEN

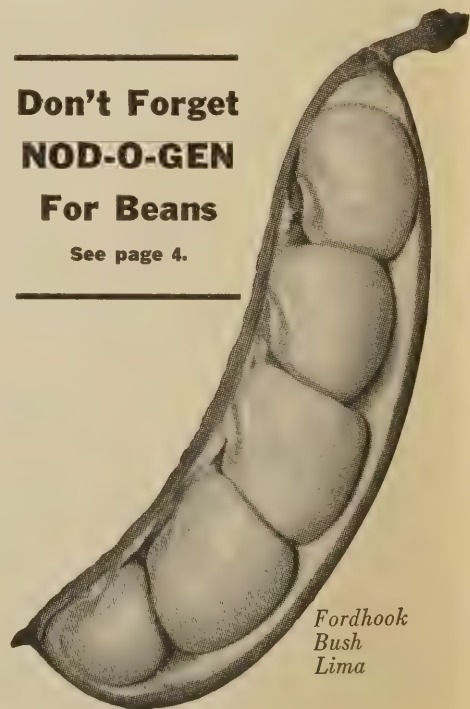
WE SUGGEST:

Wax and Green Beans  
Early Wonder Beets  
Golden Bantam Sweet Corn  
Lettuce, Open Leaf  
Yellow Onions  
Summer Squash

Early and Late Cabbage  
Danvers Carrot  
World's Record Peas  
White Spine Cucumber  
Early Tomatoes  
Winter Squash

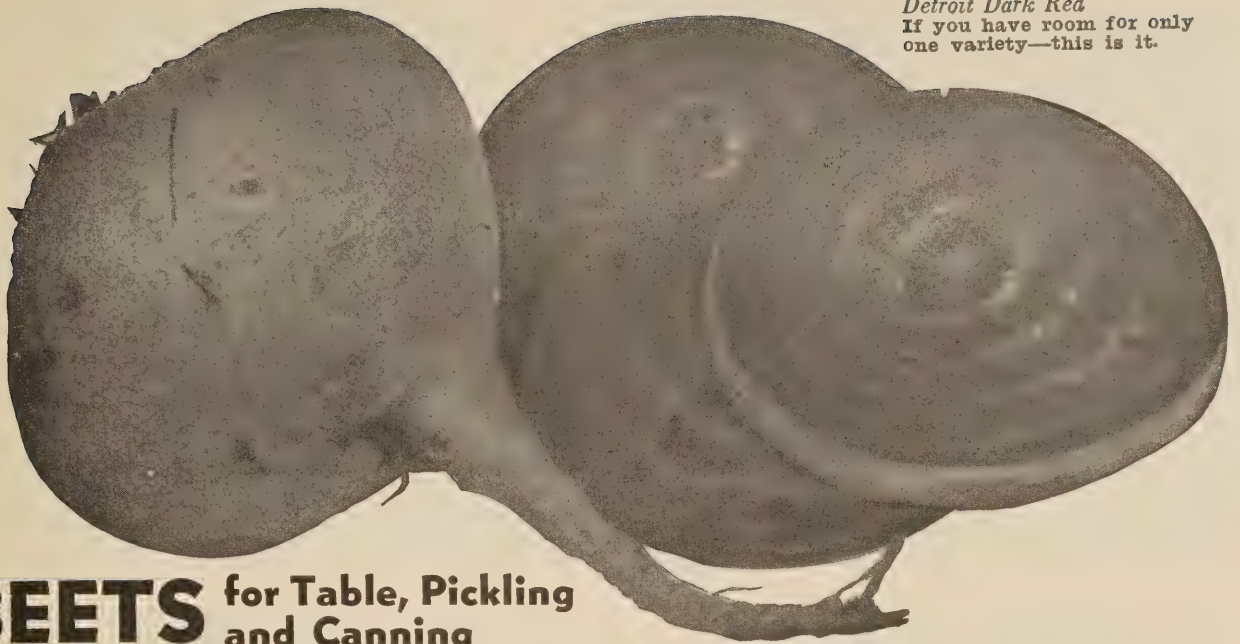
Don't Forget  
**NOD-O-GEN**  
For Beans

See page 4.



Fordhook  
Bush  
Lima

*Detroit Dark Red*  
If you have room for only  
one variety—this is it.



## BEETS for Table, Pickling and Canning

### Successive Plantings - for Beets the Right Size All Summer Long

An ounce will sow about 100 feet of drill. 5 to 6 pounds  
required for an acre.

The beet thrives best in deep, rich, but rather light soil. Sow in drills about 15 inches apart and 1 inch deep. Make the soil firm over the seed. For early use, sow as soon as the ground can be worked; for fall use, in May; for winter from the 20th of June to the middle of July, according to the variety. Thin plants to 4 or 5 inches apart. Give frequent shallow cultivation.

**\*CROSBY'S EARLY EGYPTIAN EXTRA SELECTED STRAIN.** For several years we have given this especial attention and have succeeded in eliminating the light-colored, coarse fleshed specimens peculiar to the Egyptian. Roots are more uniform in shape and tops are more even in growth, a little smaller. We confidently recommend it to market gardeners as an unsurpassed strain.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

**\*EARLY WONDER.** An improved Crosby Egyptian Beet. Smooth, dark, red flesh. Extra good for market gardeners. One of the earliest and most perfectly shaped beets. Its beautiful, deep blood-red color, globular-shaped roots, make it valuable for the home garden. The attractive appearance, uniform size, shape and color have created a very heavy demand for this variety. It is grown very extensively for late sowing.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

**LONG SEASON.** No garden is complete without some Long Season Beets. They are rather late and somewhat rough in shape but there is no finer beet to eat in the summer and to store for winter. No matter how big they grow, they remain just as sweet and tender as tiny young Beets and they have a delicious flavor all their own.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

**\*DETROIT DARK RED.** A superior second-early and main-crop variety rapidly growing in favor for late planting. Tops uniformly small and grow upright so that the rows may be close together.

Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.00.

**DEWING'S BLOOD.** One of the leading main crop varieties.

Pkt., 10c; oz., 30c; ¼ lb., 75c.



For Another Delicious  
Green, Try Swiss Chard  
It's a Beet, You Know

*Mammoth Long Red Mangel*

## Mangels—Overgrown Beets for Livestock

The Mangels furnish large quantities of nutritious and healthful food for stock and poultry. Yields 25 to 30 tons per acre.

1 oz. to 100 feet of drill; 5 lbs. per acre.

**Culture:** Both mangels and sugar beets require deep, well-enriched soil. Sow in May or June in rows 18 inches to 2 feet apart and 6 to 8 inches in the row. Young plants may be transplanted to fill up vacancies. As soon as frost occurs, dig the crop. For winter store in cellar or in pits. Sow 5 to 6 pounds per acre. Mangels make excellent and rich as well as cheap winter feed for poultry.

**GOLDEN TANKARD.** It is one of the best stock beets grown. It has yellow flesh, very distinct variety, being short with very little tap root and very easy to harvest. Top and

neck very small; root ovoid, flesh yellow, zoned with white; an excellent sort.

1-oz. pkt., 15c; ¼ lb., 35c; lb., 80c.

**MAMMOTH LONG RED.** This is truly a mammoth, a single root often weighing 20 to 30 pounds. The extra large, long roots are blood-red in color and very nutritious. Enormously productive, yielding, under favorable conditions, 30 to 40 tons of roots per acre.

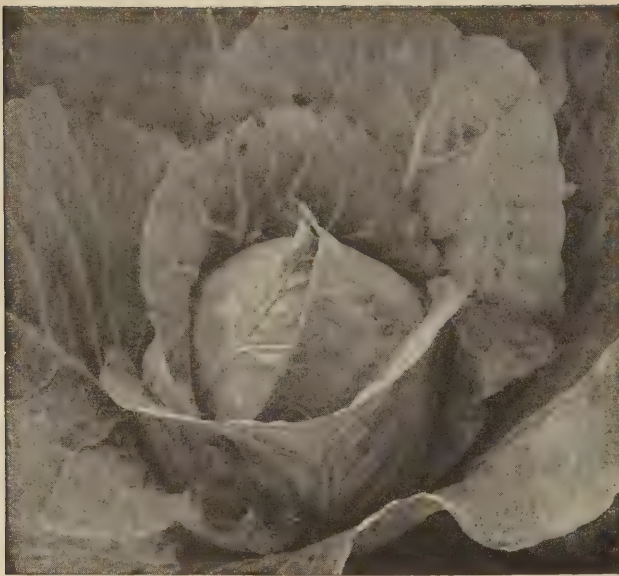
1-oz. pkt., 15c; ¼ lb., 35c; lb., 80c.

### Klein Wanzleben

High Sugar Content; Popular with Sugar Beet Growers.

Root is conical, straight and even, large at top and tapering. Contains the largest percentage of saccharine matter.

Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 80c.



*Copenhagen Market*



*Golden Acre*

# CABBAGE for Crisp Tangy Flavor



*Chinese Cabbage*

## CHINESE CABBAGE

**A Real Treat is in Store for Those Who are Planting It for the First Time**

**CHIHILI.** Quick growing species of Cabbage, chiefly for fall use, as it runs to seed badly in summer. Heads are tall and cylindrical with large midribs. An enormously productive crop of mild mustard-like flavor. 14 to 18 inches in height.

Pkt., 10c; ½ oz., 25c; oz., 45c.

1 pkt. produces 250 plants; 1 oz. produces 3,000 plants.

The seed we offer is absolutely new stock from the best professional growers. A heavy rich loam, thoroughly cultivated, highly manured and worked deep is most suitable to cabbage. Early cabbage should be planted under glass in March and transplanted 2 feet apart as soon as ground outside can be prepared. For late plants, sow in hills in open ground in May. Transplant in July.

**\*THE EARLY COPENHAGEN MARKET.** A New England favorite cabbage. Large heads, solid light green, round, excellent quality. The earliest large, round-headed cabbage yet introduced. Matures 68 days after transplanting. It is a very sure heading and uniform variety of hardy and compact growth. The heads are 7 to 8 inches in diameter and weigh 3 or 4 pounds.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**EARLY JERSEY WAKEFIELD.** Although this variety is not as early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical, and a sure header.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**AMERICAN IMPROVED SAVOY.** The best of the Savoy type, which should be more largely grown.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**\*DANISH BALLHEAD.** This short-stemmed type is popular on account of the great solidity and weight of the head; it is a strong, vigorous grower, producing large, round, compact heads, almost as hard as iron, weighing when trimmed, fully one-fourth more than any other cabbage of equal size. In consequence, it keeps in condition until spring.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**GOLDEN ACRE.** (Danish Grown.) An extra early selection of the Copenhagen type, and the earliest of the round-headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, hard, solid and very uniform. We believe it to be the earliest cabbage in existence.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**PENN STATE BALLHEAD.** Originated by Dr. Meyers of the Pennsylvania State College. It is a short stem variety, medium size heads, very hard and the color a bright green.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**MAMMOTH ROCK RED.** Head larger and more solid than Red Drumhead; reliable in heading.

Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75.

**FOR GOOD CROPS IT IS IMPORTANT TO PLANT ROSS' SELECTED SEEDS**



*Danish Ballhead*



# GROW YOUR OWN VITAMINS!

Plant for  
Beauty and  
Abundance

DELICIOUS  
VEGETABLES  
FROM YOUR  
OWN GARDEN  
CONTAIN THE  
VITAMINS  
YOU NEED



*Danvers Half Long*

## CARROTS *A "Must" for Every Garden*

**Culture:** Prefers a deep mellow soil. Sow seed in April for early, or in July for fall crop. Sow seed one-half inch deep in rows 12 inches apart. Thin out to 3 inches apart. If their growth is checked, carrots split and become rooty. To avoid this, water them thoroughly during a drought. Make successive plantings so as to assure a constant supply all summer. Seed may be sown from early spring to as late as August first.

★**CHANTENAY.** The Most Popular of All Home Garden Carrots. A popular favorite for its rich orange-red color, its fine grained flakes, its superb flavor. Fully developed, it averages 6 inches in length, is broad at the neck and narrows gradually to a round blunt base.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

★**DANVERS SELECTED HALF-LONG.** It is more easily harvested than the longer type, and is excellent to sow for winter, for stock or table use.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

★**HUTCHINSON.** A very large, nearly cylindrical, stump-rooted carrot, 10 to 12 inches in length, good color, and immensely productive.

Pkt., 10c; oz., 40c; ¼ lb., \$1.35.

**IMPERATOR.** For market and home garden use. Tops medium, but strong enough for good bunching. Flesh rich orange color, extending to center of root, with indistinct core.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

**NANTES, IMPROVED CORELESS.** (68 days.) Because of its fine quality, this variety is one of the best for the home garden as well as for the market. Roots 6 to 7 inches long, same the whole length with a smooth waxy appearance.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

**LONG ORANGE IMPROVED.** Large size, tapering to a point, of deep orange color, and adapted to garden or field culture. A valuable food for stock.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

**TENDERSWEET.** The brightest and sweetest of all carrots. For main crop the deep reddish orange roots are most attractive. The roots are 8 to 10 inches long, coreless, red throughout and taper to a blunt point.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00.



*Easy  
Blanching  
Celery*

## CELERY *for Home and Commercial Gardens*

*An ounce will produce about 10,000 plants.*

Celery is generally grown as a second crop, following early cabbage, onions, peas, etc. Sow early in April, transplanting about the first of June. Set in rows about 3 feet apart.

★**EASY BLANCHING.** The plant is of medium height, of great vigor, having thick rather than broad stalks, with shallow ribs. The stalks are very brittle and the flavor extremely spicy.

Pkt., 10c; ½ oz., 45c; oz., 80c.

**GIANT PASCAL.** One of the best for winter use; leaves upright, short and dark green.

Pkt., 10c; ½ oz., 45c; oz., 80c.

**GOLDEN SELF-BLANCHING.** The most popular variety for market, easily blanched, very attractive, of good quality though not equal to some of the green celeries.

Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**SUMMER PASCAL.** A new early green variety of fine quality. Plants are medium tall, with thick, round stalks. It blanches quickly and crops soon after Easy Blanching.

Pkt., 10c; ½ oz., 60c; oz., \$1.00.

**WHITE PLUME.** The earliest and most easily blanched of all varieties, very showy, of good quality.

Pkt., 10c; ½ oz., 30c; oz., 50c.

### CELERIAC

Turnip-Rooted Celery

Sow seed and treat in first stages of growth as directed for celery. Set in rows 2 feet apart and 6 inches apart in the row. When roots have reached a size of 2 inches in diameter they are ready for use. These are boiled, sliced, and eaten with vinegar. To keep through winter, they should be packed in moist sand or earth.

**LARGE SMOOTH PRAGUE.** An improved sort with nearly round roots which have but few side roots.

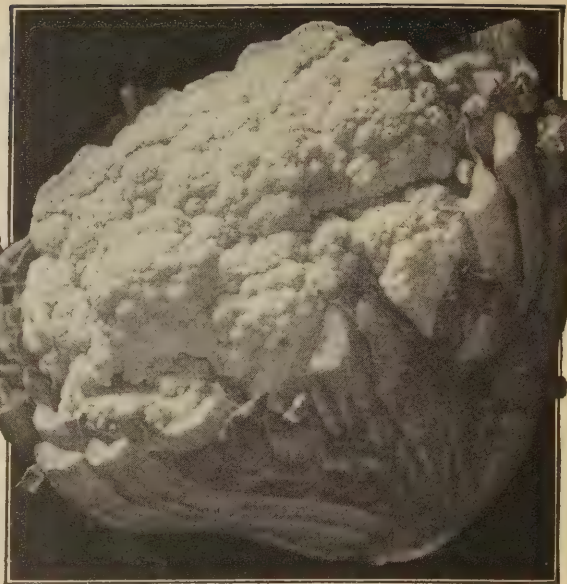
Pkt., 10c; ½ oz., 50c; oz., 80c.

# CAULIFLOWER

*An ounce will produce 3000 plants.*

Sow the first week in May, transplant in July. For wintering under glass, sow second and last week in September, transplant into cold frame, give plenty of air in mild weather and cover up in severe. Again, sow in February in a hotbed and transplant in April. Use plenty of rotted manure. Select new ground, as cauliflower rarely succeeds on ground which has been cropped year after year. Plant in rows 20 inches apart and 2 feet between rows.

**EARLY SNOWBALL SELECT.** The earliest and surest to head. We offer an unsurpassed strain from one of the leading growers in Denmark. Pkt., 10c; ¼ oz., 75c; ½ oz., \$1.40.



*Early Snowball Cauliflower*

# SWISS CHARD

**LARGE WHITE RIBBED.** Used for greens only. Much superior to other beets for greens. Plants should be thinned to about 1 foot apart. When the plants have attained full size the stems and mid-ribs are sometimes cooked and served like asparagus. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**FORDHOOK GIANT.** Tall and sturdy; increasingly used. Leaves broad, heavily crumpled, dark green; stems broad, thick, white. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**LUCULLUS.** A robust grower, attaining a height of 2 to 2½ feet. The stalks are thick, creamy white, and heavily ribbed. Leaves are very large, green, and heavily crumpled. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

**RHUBARB CHARD.** It has the same coloring as rhubarb. Stalks are a bright crimson. Tasty, delicious flavor. Pkt., 10c; oz., 25c.



*Swiss Chard, Giant Lucullus*

# CHIVES

Are a small, hardy perennial plant resembling onion in appearance and growing in clusters. They are grown for the leaves, which are produced freely from early spring, and give a mild onion flavor to sausages, salads, and soups. They can be easily grown in pots at a sunny window during the winter. Pkt., 25c.

For quick long distance shipping use **AIR EXPRESS.**



*Collards*

# CHICORY

**WITLOOF, or FRENCH ENDIVE.** Esteemed as a salad plant. Spring-sown seed produces parsnip-like roots by November. Cut the leaves off 1½ inches from the neck, trench 1½ inches apart, cover with soil 8 inches over crown; then place a 2- or 3-foot layer of fresh manure which induces new growth of blanched leaves folded like cos lettuce, which are eaten raw as salad. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

# COLLARDS

*One ounce for about 5000 plants.*

Collards are very largely used as "greens" in some parts of the country, especially in the South. They are a form of loose-headed cabbage. **GEORGIA.** The most satisfactory variety for general use. Pkt., 10c; oz., 25c.



*Chives*

# DANDELION

*An ounce will sow 200 feet of drill. Two pounds to the acre.*

Sow early in the spring in rich soil in drills 15 to 18 inches apart, cover lightly but make the earth firm.

**IMPROVED THICK-LEAVED, or CABBAGING.** A distinct variety unsurpassed in thickness of leaf and deep green color. It grows compactly, forming a regular tuft. Pkt., 10c; ½ oz., 90c; oz., \$1.50.

**CULTIVATED, or FRENCH COMMON.** A greatly improved strain of the common dandelion. Cannot supply.

**CICCORIA CATALOGNA, or ITALIAN DANDELION.** Pkt., 10c; ½ oz., 30c; oz., 50c.

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.

# Ross' SWEET CORN

One pound of seed will plant 200 hills or 300 feet of row; 10 to 12 pounds will plant an acre.

## Open Pollinated or Standard Varieties

### Black Mexican

A popular variety; until the introduction of the Golden Bantam, the sweetest of all. Ears of medium size; kernels large, when ripe bluish black, but at proper stage for cooking, the color shows but little if at all. Pkt., 20c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

**GOLDEN BANTAM.** A favorite with all who have grown it. The most famous sweet corn in the world today. It is the richest and sweetest of all varieties of sweet corn. Golden Bantam is dwarf, the stalks are usually 5 to 6 feet high, and the foliage is short, allowing it to stand closer together in the small garden and thus produce a large crop on a small area. We recommend planting Golden Bantam every 10 days during the planting season and you will be assured of a continuous supply of the best sweet corn. Pkt., 20c; lb., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

**GOLDEN GIANT.** This is a cross between Golden Bantam and Howling Mob. Winner of the silver award for novelty excellence at Massachusetts Horticultural Show. Gives four times the yield per acre and twice the size of Bantam. Rich in color. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

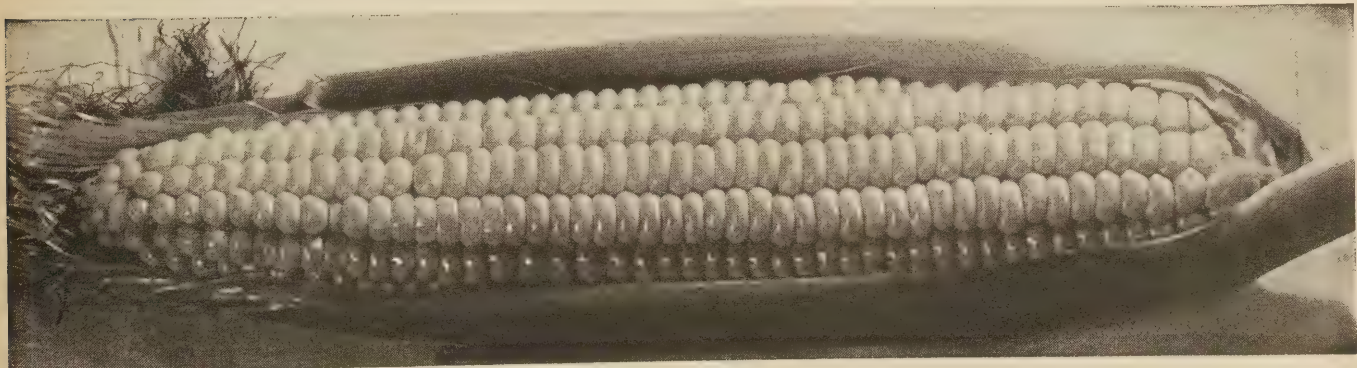
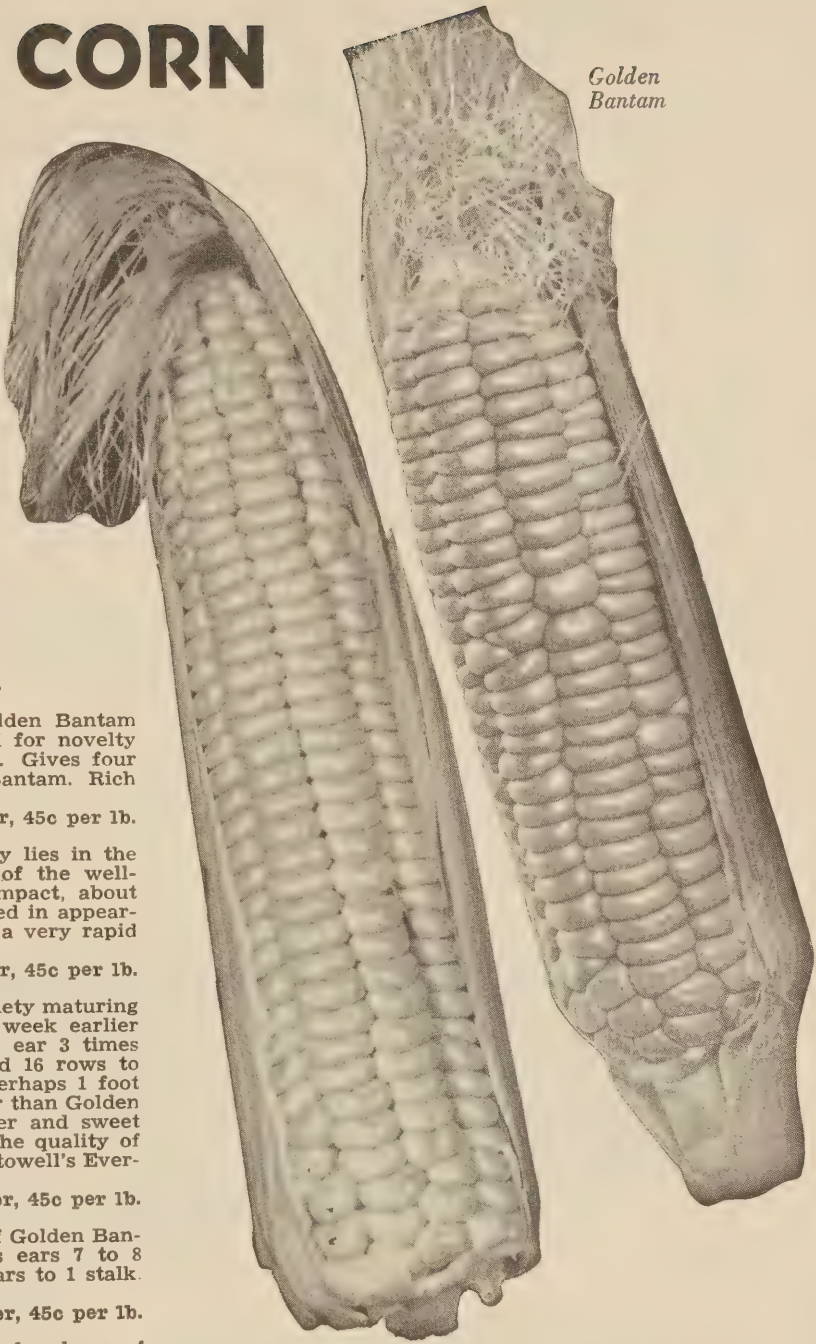
**GOLDEN SUNSHINE.** The value of this variety lies in the fact that it matures several days in advance of the well-known Golden Bantam. The ears are very compact, about the same size of Golden Bantam, but more refined in appearance, having from 10 to 12 rows of grain. It is a very rapid grower. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

**BANTAM EVERGREEN.** (Yellow.) A yellow variety maturing about 10 days after the Golden Bantam and a week earlier than the Stowell's Evergreen white. It has an ear 3 times the size of Golden Bantam and runs 12, 14 and 16 rows to the ear. The stalk is about 6 feet tall and is perhaps 1 foot shorter than Stowell's Evergreen and 2 feet taller than Golden Bantam. The Bantam Evergreen has the tender and sweet qualities of the Golden Bantam and combines the quality of the Golden Bantam with the productiveness of Stowell's Evergreen. As a table variety it is unexcelled. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

**WHIPPLE'S EARLY YELLOW.** Twice the size of Golden Bantam and matures about the same time, grows ears 7 to 8 inches long and 12- to 16-rowed, with often 2 ears to 1 stalk. Quality is unequalled. Pkt., 20c; 1 lb., 50c; 2 lbs., 95c; 10 lbs., or over, 45c per lb.

**GOLDEN MIDGET.** A 68-day Corn, ears 3½ inches long, of excellent quality; fine for the home garden. Pkt., 20c; ½ lb., 45c; 1 lb., 85c.

Golden Bantam



Bantam Evergreen

# SWEET CORN —Continued

## Hybrid Varieties

**CARMELCROSS.** 80 days. Improved strain. In many respects it resembles Golden Cross, but a week earlier. Stalks are a little shorter with large ears of excellent quality. Pkt., 20c; 1b., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

★**GOLDEN CROSS BANTAM.** 88 days. Introduced jointly by the U. S. Dept. of Agriculture and Purdue University Agricultural Experiment Station. Excellent for market gardeners. Highly resistant to Stewart's disease and very prolific. Stalks sturdy, with exceptionally broad, dark green leaves. Ears 10 to 14 rowed, slightly lighter yellow than Golden Bantam. Pkt., 20c; 1b., 65c; 2 lbs., \$1.25; 10 lbs., or over, 60c per lb.

**IOCHIEF.** 93 days. Outstanding as a larger eared corn of Golden Cross type. The 14 to 20 rowed ears are deepkerneled and bright golden in color. Stalks are strong and leafy with heavy husks of good color. Pkt., 20c; 1b., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**MARCCROSS 6x13.** We consider this the earliest large-eared hybrid. This variety has proved very prolific, very vigorous in growth and for such an early variety produces quite large ears. 72 days. Pkt., 20c; 1b., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**SPANCROSS.** 70 days. Earliest yellow hybrid. On warm sandy land it produces the earliest crop. Pkt., 20c; 1b., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

**WASHINGTON.** 74 days. This new variety from the Connecticut Agricultural Experiment Station closely follows Spancross in season with the largest ears of any extra early hybrid. Ears are very uniform in size with 12 to 14 rows. Pkt., 20c; 1b., 65c; 2 lbs., \$1.25; 10 lbs. or over, 60c per lb.

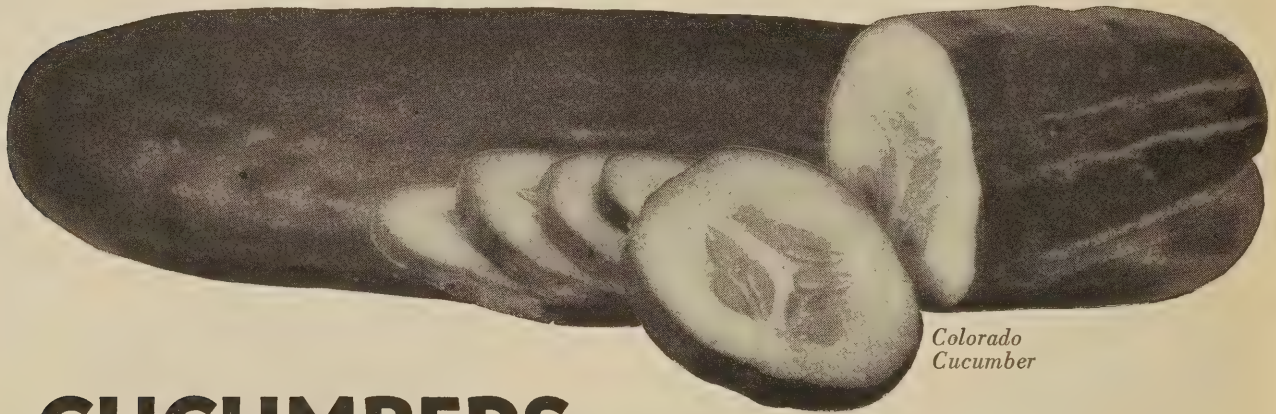
## Open Pollinated White

**STOWELL'S EVERGREEN.** The best known and most largely planted of all varieties. The Stowell's Evergreen is hard to beat and for a long time to come many will have it in preference to any other sort. Yields large ears and long, deep kernels, with rich sugary flavor and long keeping qualities. It is the standard late sort. Pkt., 20c; 1b., 50c; 2 lbs., 95c; 10 lbs. or over, 45c per lb.

## DELICIOUS POPCORN FOR PLANTING

**GOLDEN PEARL.** Has a large yellow kernel that pops well to an immense size. Tender and fine flavored.

Pkt., 15c; 1b., 50c;  
10 lbs. or over,  
40c per lb.



Colorado  
Cucumber

# CUCUMBERS

One packet of seed will sow 15 hills, 1 ounce 50 hills.

**SURE CROP HYBRID.** A true hybrid cucumber of great vigor and amazing yield. Fruits are slender and intensely dark green throughout. 8 in. Pkt., 35c

**MARKETER.** A fine dark green Cucumber, 7 to 8 inches long. Vines vigorous and productive. An ideal variety for market and home garden. Pkt., 10c; oz., 30c; ¼ lb., 85c.

**COLORADO.** W. S. Fruits very dark green, cylindrical, tapering at stem end, very small seed area, fine for slicing. 8½ inches long, 2½ inches in diameter and matures in 68 days. Pkt., 10c; oz., 30c; ¼ lb., 85c.

**CUBIT.** All-America Selections, 1943. A prolific, white-spined, main crop variety, distinguished by unusually uniform dark green exterior color, and long, blunt-ended, cylindrical shape. Of smooth, crisp texture, with small seed cavity, and admirably adapted for slicing. Holds its fresh quality well in shipping or at market. Pkt., 10c; oz., 30c.

**BOSTON PICKLING.** For pickling. Its fruit is short, pointed at each end, productive and of superior quality. Pkt., 10c; oz., 25c; ¼ lb., 70c.

★**EARLY FORTUNE.** The plant is early, very vigorous, with an exceptionally heavy, thick foliage and is almost disease-resistant and very productive. Fruits are uniformly 9 inches long, slightly tapering toward each end, perfectly round and of a very dark green color which does not fade in shipping; flesh very thick, firm and crisp, and exceedingly small seed cavity. Pkt., 10c; oz., 25c; ¼ lb., 70c.

**IMPROVED WHITE SPINE.** Perfection has been attained in this improvement in the White Spine family. It is early, prolific, and produces a continuous crop of uniformly large and symmetrical fruits, faintly marked with light yellowish shading toward the tip. Pkt., 10c; oz., 25c; ¼ lb., 70c.

**LONG GREEN.** An old standard variety, very popular for home gardens, but little used for market. Fruit very long, slender, very firm and crisp, uniformly dark green; makes fine pickles and is the best of all when ripe for making sweet pickles. Pkt., 10c; oz., 30c; ¼ lb., 85c.

**STRAIGHT-8.** W.S. For home and market garden, and shipping. Fruit uniformly cylindrical, rounded at ends, medium green, 8 inches long, 2¼ inches in diameter, and matures in 66 days. Pkt., 10c; oz., 30c; ¼ lb., 85c.

# ENDIVE

An ounce will sow 300 feet of drill, producing from 2000 to 2500 plants.

Endive, like lettuce, may be grown at any season, but is more generally used in the fall. For early use, sow in April, for later, until July, in drills 18 inches apart, or in beds for transplanting, plants should stand 10 to 12 inches apart in the row. When nearly full grown tie outer leaves over center to blanch the heart, or blanch with boards as with celery.

**MOSS CURLED.** Of dense growth and finely curled.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

**LARGE GREEN CURLED.** Of large growth, not so much curled as preceding.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

**BATAVIAN BROAD-LEAVED (Escarolle).** A variety having broad, more or less twisted and waved bright green leaves with thick, nearly white midribs. The inner leaves form a fairly solid, clustering head which blanches a beautiful deep creamy white and is crisp, tender, and of fine flavor. Unsurpassed for salads. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.50.

## DILL

An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high; leaves very much cut into threadlike segments.

Pkt., 10c; oz., 25c; ¼ lb., 60c.

## FENNEL (Finocchio)

**FLORENCE or NAPLES.** Resembles celery in flavor but has a sweet taste and delicate odor. Should be sown in spring in drills 18 inches apart and the plants thinned to 5 or 6 inches apart.

Pkt., 10c; ½ oz., 30c; oz., 50c.

## KOHLRABI

An ounce will sow about 200 feet of drill.

The edible part is the turnip-shaped bulb formed above ground. Combines somewhat the flavors of cabbage and turnip. Sow in light, rich soil early in spring in rows 1½ feet apart, thin to 6 inches apart in the row. Plantings at intervals of 10 days will give a succession until hot weather; when they fail to grow well. Plant the latter part of July for fall use.

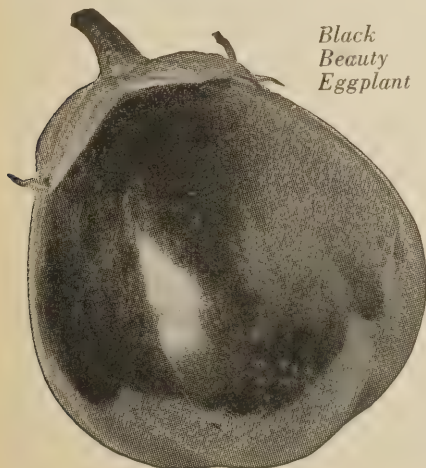
**EARLY WHITE VIENNA.** (Extra for forcing.) Extremely early with small tops. Bulbs medium size, very light green or nearly white.

Pkt., 10c; oz., 40c.

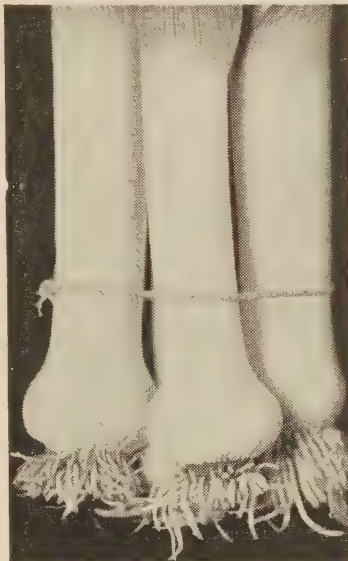
**EARLY PURPLE VIENNA.** Early with small top, the leaf stems being tinged with purple.

Pkt., 10c; oz., 40c.

For long distance, AIR EXPRESS, 3 miles per minute.



Black  
Beauty  
Eggplant



American Broad Flag Leek

## EGGPLANT

An ounce will produce about 2000 plants.

**Culture:** Plant the seed in March in hotbed, or, for family use, in flower pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows 2 feet apart each way. Require rich soil.

**LONG PURPLE.** An extra early sort, fruits 7 to 8 inches long, 2½ to 3 inches thick; dark purple, smooth and attractive.

Pkt., 10c; ½ oz., 45c; oz., 75c.

**NEW YORK IMPROVED (Spineless).** The favorite variety. Fruit of largest size, rich purple and finest quality. Plant large, spreading and very productive; foliage light green. Pkt., 10c; ½ oz., 45c; oz., 75c.

**BLACK BEAUTY.** A valuable variety, ready for use 2 weeks earlier than any other sort. The fruit is thick and of a rich purplish black color. Pkt., 10c; ½ oz., 45c; oz., 75c.

## HERBS

	Pkt.		Pkt.
Anise .....	\$0.10	Lavender ...	\$0.10
Borage .....	.10	Marjoram,	
Basil,		Sweet .....	.10
Sweet .....	.10	Rosemary ..	.10
Caraway .....	.10	Rue .....	.10
Catnip .....	.10	Sage .....	.10
Chervil .....	.10	Savory,	
Chives .....	.25	Summer ..	.10
Coriander ..	.10	Spearmint ..	.25
Dill .....	.10	Tansy .....	.20
Fennel .....	.10	Thyme .....	.10

## CRESS, CURLED or PEPPER GRASS

A small pungent salad plant, much liked by some with lettuce. Like all salad plants, it should be grown on rich ground. Seed may be sown early in the spring, but if desired through the summer, repeated sowings will be necessary.

Pkt., 10c; oz., 30c.

**WATERCRESS.** Thrives along brooks and in moist places. Sow broadcast and cover lightly. One of the most delicious salad plants.

Pkt., 10c.

## KALE or Borecole

An ounce will produce 2000 plants.

**DWARF CURLED SCOTCH.** Sow in May and transplant in June, and treat generally as for cabbage. Curled, low-growing variety; the leaves, when properly cooked, make very palatable greens.

Pkt., 10c; oz., 30c; ¼ lb., 75c.

## LEEK

Leeks require rich soil. Sow early in spring in deep drills, 18 inches apart, cover with one-half inch of soil, thin plants to about 8 inches apart. Draw the earth around them as with celery.

**AMERICAN BROAD FLAG.** A desirable strong growing, broad-leaved leek, hardy and productive. Favorite with market gardeners and used for the home garden.

Pkt., 10c; oz., 55c.

## MUSHROOMS

**BROWN BOTTLE SPAWN.** One quart bottle will seed an area of 35 to 40 square feet, depending on the size of the piece planted. Bottle Spawn is now shipped, removed from the glass container. Mushroom culture sent with every spawn.

Each, 85c; postpaid, \$1.10.

## MUSTARD

Used mainly for salads and greens. Sow as early as ground can be worked in drills 18 inches apart and one-half inch deep. Successive sowings every 3 weeks.

**WHITE or YELLOW.** The common variety used to flavor pickles.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

**SOUTHERN GIANT CURLED.** Large, light green leaves. The best for salads.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

## OKRA or GUMBO

The young seed pods are used in soups or stewed and served like asparagus. Best results would be obtained by sowing seed in the hotbed. Set plants in rows 2 feet or more apart and about a foot apart in the row.

**DWARF GREEN.** Early and productive; best for northern cultivation.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

**PERKINS' MAMMOTH LONG POD.** A dwarf but enormously productive variety. Pods long, slender, deep green and remain tender much longer than most sorts.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

# LETTUCE for Cool Crisp Salads

An ounce will produce from 3000 to 4000 plants.

Lettuce thrives on nearly all soils, but because the growth should at all times be rapid to insure crispness and best flavor, the soil should be heavily enriched and well worked before planting. Lettuce being quite hardy, seed may generally be sown as soon as ground can be fitted, as while prolonged or continued freezing will kill the plants, they are but little injured by an ordinary frost. Seed may also be sown in hotbed in gentle heat, and the plants, if well hardened by having been often exposed to the air, may usually be set in the open ground very soon after the time suggested for sowing outdoors.

**OAK LEAF.** A loose leaf variety, fine for the home garden and of high quality. Very tender leaves; fine for growing in hot weather. Pkt., 10c; ½ oz., 25c; oz., 45c.

**BLACK-SEEDED SIMPSON.** Much larger than the preceding, but not so much curled. Forms a large, loose cluster of leaves rather than a head; leaves light yellowish green. Pkt., 10c; ½ oz., 20c; oz., 30c.

★**BLACK-SEEDED TENNISBALL.** More extensively grown in New England than any other variety both for first outdoor crop and for main crop, the medium sized heads being the size most liked by gardeners, while its compact form allows it to be grown more closely together than others. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.

**CRISP AS ICE.** A midsummer variety, surpassing all of this class in crispness, tenderness and fine flavor. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.

**BIG BOSTON WHITE SEEDED.** Probably the most generally used in cultivation. It is a cabbage-head, butter type, medium large, finely shaped, globular, medium light green with slight tinge of brown on margins of outer leaves. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.

**EARLY CURLED SIMPSON.** (White-seeded.) An old variety, with broad, often frilled, very curly, light green leaves; sweet, tender, of fine flavor. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.

**GRAND RAPIDS.** One of the easiest varieties of lettuce to grow. It forms no head but produces an abundant crop of pale green leaves, slightly but closely crumpled, which have an excellent flavor. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.

**GREAT LAKES.** 82 days. Bronze Medal, 1944. The finest Iceberg yet! Superb, crisp heads even during the hot, dry weather of midsummer. The crinkled dark green leaves fold inward, blanching the heads to a cool, crisp whiteness. Pkt., 10c; ½ oz., 35c.



Great Lakes

**MAY KING.** W.S. 63 days. Cabbage-butterhead; medium small, light green, tinged slightly at edges with brown. It is early and especially good for outdoor culture.

Pkt., 10c; ½ oz., 20c; oz., 30c.

**PENNLAKE.** A cross between Great Lakes and Imperial No. 847. A very fine uniform head with a dark green color. Quality excellent. 82 days.

Pkt., 10c; ½ oz., 40c; oz., 75c.

**PROGRESS.** A new crisp heading lettuce in the Imperial class; developed by the U.S.D.A. in co-operation with the New Jersey station. It is an early, dark green, thick-leaved, heavily savoyed, tip-burn resistant, crisphead lettuce, of good flavor and high quality. As compared with Imperial 44, Progress is a darker green, thicker leaved, more savoyed; heads are more dense, more resistant to tip-burn, and of superior quality.

Pkt., 10c; ½ oz., 35c; oz., 65c.

**IMPERIAL No. 847. (Long Standing Iceberg.)** This fine lettuce will do well in spring and fall, and is outstanding as a summer heading variety, even during hot weather most every plant will produce a fine solid head.

Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.50.

★**NEW YORK No. 12.** Delightful to the eye—crisp, excellent quality. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25.

**PRIZE HEAD.** A large, loose-leaved variety, which has been very popular for home use. Leaves very thin, crimped, bright green tinged with brownish red; sweet, tender and of good flavor, but not equal to Crisp as Ice.

Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 65c.



Grand Rapids



Oak Leaf

## Romaine or Cos Lettuce

Distinct from the ordinary lettuce on account of their tender, crisp leaves and delicious flavor.

**PARIS WHITE COS.** One of the finest varieties for summer use. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 65c.

# Muskmelons SWEET and JUICY

An ounce will plant about 50 hills.  $1\frac{1}{2}$  to 2 pounds are required for an acre.

The Muskmelon succeeds best in warm, rich soil. Plant when all danger of frost is past, in broad hills 4 to 5 feet apart, 10 or more seeds to each hill. Cover with 1 inch of soil and firm well with hoe.

**\*BENDER'S SURPRISE (The Bender Melon).** A very popular variety in the East, particularly around Albany, N. Y. A selection from Surprise and a close kin to Irondequoit, differing from that variety in being more oblong, more full and rounded at the ends, not quite as well netted or as early; skin light greenish yellow when ripe. A very delicious, large salmon-fleshed melon with superior shipping and keeping qualities.

Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**DELICIOUS.** Best described as an early strain of the Bender melon, a trifle smaller in size. Light green, finely netted, oval fruits. Firm, tender flesh of a beautiful deep orange-yellow color.

Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**GOLDEN CHAMPLAIN.** 85 days. Considered by melon growers of long experience to be the most desirable early-maturing muskmelon. A vigorous grower of medium size with salmon flesh of superb quality, well netted.

Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**HEARTS OF GOLD.** A fine melon, medium in size, round and well netted; flesh thick, orange-yellow, of excellent flavor.

Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 85c.

**HONEY DEW.** The average size of the melon is 6 inches in diameter and 7 to 8 inches in length. The flesh is an emerald-green, very thick, melting, and fine grained; can be eaten to the extreme rind. The seed cavity is very small, the rind impervious to water. The melon does not shrink in weight, is not easily bruised, and is a splendid shipper. It is later than Rocky Ford strains and is very prolific.

Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**ROCKY FORD.** More largely grown than any other of the small or basket melons. Oval, slightly ribbed, densely covered with fine netting; flesh green, thick and of rich flavor.

Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.



Golden Champlain



Hearts of Gold



Bender's Surprise Muskmelon

## WATERMELONS

One ounce will plant about 25 hills; 4 lbs. to the acre.

The culture of the Watermelon is mainly the same as recommended for the muskmelon; hills should, however, be about 10 feet apart.

**N. H. MIDGET.** 65 days. Very sweet and juicy; about the size of a Muskmelon, takes very little room in your refrigerator. Be sure and try this in your garden.

Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00.

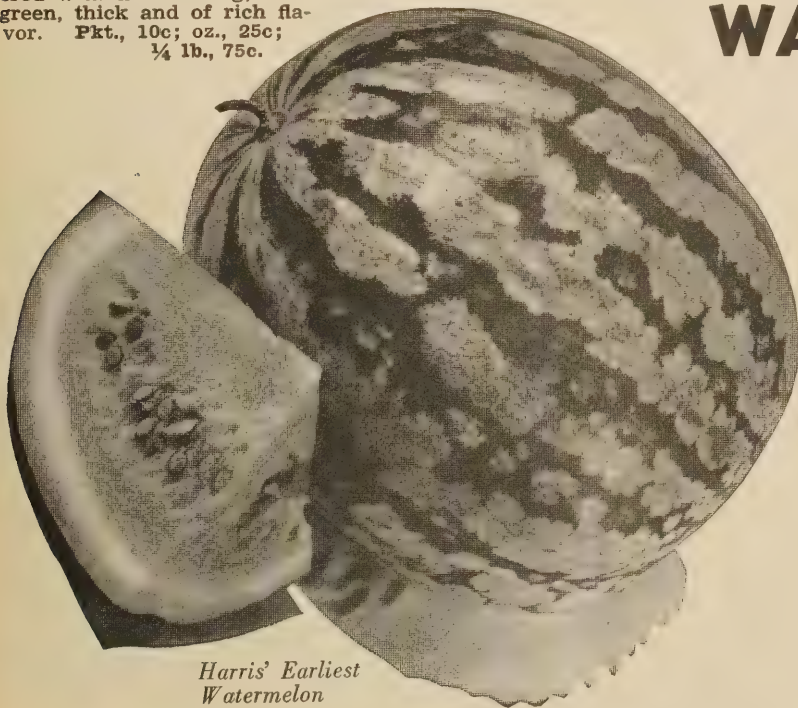
**COLE'S EARLY.** Small but very early; of fine quality and sure to mature in any latitude where melons can be grown.

Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c.

**HARRIS' EARLIEST.** A new extra early variety, large and of exceptionally fine quality. Slightly oval, mottled in stripes of light and dark green. Flesh bright red. One of the most desirable for planting in the North.

Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 60c.

**CITRON** For preserving only. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.



Harris' Earliest Watermelon

# ONIONS

for

- Salads
- Soups
- Seasoning
- Pickles

1 pkt. will sow 50 ft. of drill; 1 oz. about 200 ft.; 4 to 5 lbs. per acre.

Onions are very healthful and wholesome, probably used more often in the kitchen than any other vegetable, either in connection with other foods for seasoning or in many of the delicious ways to prepare them for their own tempting goodness. Highly prized for their tonic qualities, and doctors everywhere recommend the use of onions in the diet because they are wholesome and nutritious.

Onions are not hard to grow. They like a clean, rich soil. Sow as early as possible in drills 1 foot apart.

**AILS CRAIG.** Of mammoth size, larger than the Prizetaker, oval-shaped, pale straw colored skin; of very mild flavor. Extra large onions can, however, be obtained by sowing seed early in the spring in the hotbed and transplanting to the open ground. **Pkt., 10c; ½ oz., 35c.**

★**EARLY YELLOW GLOBE.** This is a yellow, globe-shaped onion with a fine yellow color, a good winter keeper, as its skin is very thick. It will mature 3 weeks earlier than Danvers and yields very heavily. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.35.**

**WHITE PORTUGAL or SILVERSKIN.** An early white, flat variety, of medium size and mild flavor. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

**LARGE RED WETHERSFIELD.** The standard red variety. Bulb large, flattened but thick; skin deep purplish red. The best of all for light soils. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.35.**



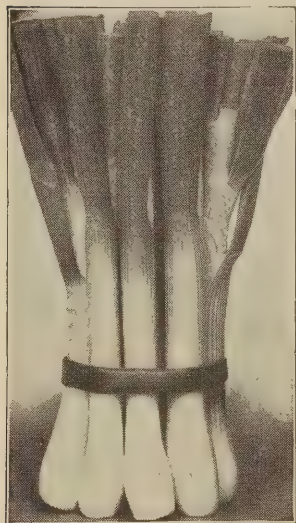
Prizetaker Onion

**PRIZETAKER.** Grows to an immense size and for fall marketing is unexcelled. Although of such great size, it is very hardy and a fair winter keeper, as it ripens up hard and firm. Very fine grained and of mild delicate flavor. The outside skin is rich yellow while the flesh is white. **Pkt., 10c; ½ oz., 30c.**

**SWEET SPANISH.** 110 days. Mild-flavored, globe shaped, light yellow onion of Spanish origin that grows to large size. **Pkt., 10c; ½ oz., 30c; oz., 55c.**

**YELLOW GLOBE DANVERS.** A favorite variety for winter use. The bulbs are nearly globe-shaped, but slightly flattened. Skin is light yellow. Splendid keeper. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15**

**HARDY WHITE BUNCHING.** 120 days. Used exclusively for green bunching, as it forms no bulbs. A hardy perennial that produces for many years. Seeds sown in the spring or summer will produce late in the fall or, if wintered over, very early the following spring. Thin to 8 to 12 inches after the first year. Tender and of mild flavor. **Pkt., 10c; oz., 50c.**



## ONION SETS

1 lb. will plant 100 feet of row; 250 to 335 lbs. per acre.

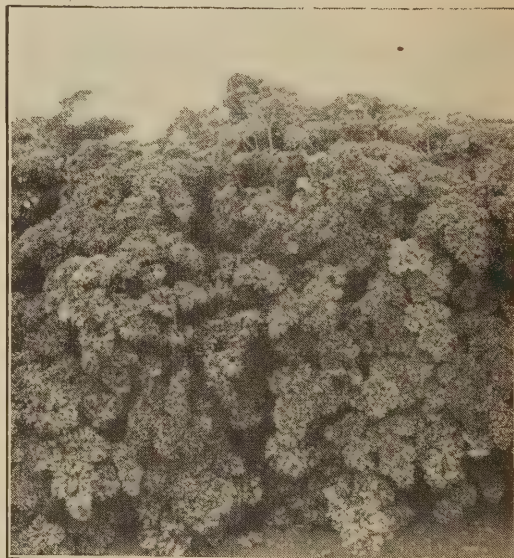
We do not deliver Onion Sets free, purchaser pays transportation. Onion Sets weigh 1 pound per quart. For parcel post zone rates see back of order blank.

These sets will provide small green onions in 2 to 3 weeks after planting seeds, and are an important crop to precede the seed-sown varieties. They mature large onions much earlier than can be grown from seed. May be planted in early spring as soon as danger of freezing is past.

**WHITE.**  
Lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.40.

**YELLOW.**  
Lb., 40c; 5 lbs., \$1.90; 10 lbs., \$3.40.

**EGYPTIAN or PERENNIAL.** (For delivery in September.)  
Special Prices On Bushel Lots.



Paramount Parsley

## PARSLEY *Every Garden Should Have a Few Plants. It Adds Zest and Color to the Menu*

*One ounce will sow 200 feet of drill.*

Always required for garnishing, also used for flavoring soups and stews and in salads.

**Culture:** Sow early, seed is slow to germinate; early radishes can be sown in same row and will be used before parsley is up. A rich soil is best, but parsley will thrive in any soil.

**CHAMPION MOSS CURLED.** This is a prize winning English variety. Handsome, compact plants. Leaves have the appearance of finely curled moss. Hardy and slow to run to seed. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

**PLAIN LEAF.** The leaves of this variety are flat, deeply cut but not curled. Desirable for flavoring soups and stews, and for drying. The curled sorts are more extensively used for garnishing. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**

**PEERLESS.** A new selection, extra dark green and finely curled, long stemmed and very hardy. **Pkt., 10c; oz., 20c; ¼ lb., 50c.**



# GARDEN PEAS *Plant Them Generously But Plant Them Early*

**Inoculate  
This Seed With  
NOD-O-GEN**

*One pound will plant about 100 feet; 70 to 85 lbs. an acre.*

Peas of the extra early, smooth class are first to be planted in the spring. The wrinkled sorts follow later, as they are not quite so hardy. The tall, late varieties need brush, wire or some other support. Though light, warm soil is desirable for the extra early varieties, peas generally produce a much larger crop on soil which is moderately heavy.

Plant the early and dwarf varieties in drills  $2\frac{1}{2}$  feet apart and 3 or 4 inches deep, cover with only 1 inch of soil and fill the trench gradually as plants grow. Plant the taller and later varieties in rows 3 or 4 feet apart and 5 to 6 inches deep, covering as already suggested. The tall, late varieties, plant in double rows.

## Extra Early Dwarf Varieties

**DWARF TELEPHONE or DAISY.** Pods large; peas wrinkled, sweet and tender, a heavy bearer. Height 18 inches.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

★**BLUE BANTAM.** An Extra Early Dwarf Producer. The best early dwarf wrinkled pea. It is unequalled for combination of extreme earliness, superb quality and unusual productiveness. Vigorous vines average 15 inches in height and carry extra heavy crops of long, deep bluish green pods. Pods measure 4 to  $4\frac{1}{2}$  inches long, tightly packed with 8 to 10 large deep bluish green peas. A Ross recommendation tested and proved for its fine quality.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**LAXTON'S PROGRESS.** A Dwarf Variety, 18 Inches Tall. Ready a few days earlier than Laxtonian. Pods 4 inches long, with 8 to 10 large sweet peas. Vines average 18 inches in height, bearing heavy crops in 53 days.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

★**LAXTONIAN.** A Grand Early Marrow Dwarf Pea. Vigorous and Dependable Grower. The pods are not only large, but are always well filled with peas of great size and remarkably good quality. The crop is ready for use about a week later than the earlier sort. The vines grow 18 inches high and each pod contains 8 to 9 peas.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**LITTLE MARVEL.** A prolific early dwarf garden pea. Recommended to the home gardener. Pods average 3 to 4 inches long.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**NOTT'S EXCELSIOR.** Extra early dwarf growth. Excellent for home garden; hardy and vigorous, and will mature in 60 days. The pods are filled with 7 to 9 large peas, superior in sweetness and quality. Large and vigorous vines bearing an enormous yield.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**SUTTON'S EXCELSIOR.** The vine is of more vigorous growth than the Nott's Excelsior, a little taller, fully as productive and matures its crop nearly as early, while both pods and peas are decidedly larger.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

## Extra Early Varieties—Taller Growth

**ALASKA.** Very early, smooth, blue Pea for a first early sort. Height  $2\frac{1}{2}$  feet. Foliage and pods light green; pods  $2\frac{1}{2}$  inches long, round, straight and square ended, containing 6 light green peas. Very uniform in maturity.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**FREEZONIAN.** An excellent Pea for freezing. A very heavy bearer and fine quality, pods  $3\frac{1}{2}$  inches to 4 inches long. Vines about 30 inches high, ripen in 63 days. This variety is ideal for all growers of fine Peas.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**GRADUS.** A remarkable variety, combining earliness and peas of largest size and best quality. Mature soon after Nott's Excelsior. Vine resembles the Telephone but is only 3 to  $3\frac{1}{2}$  feet high

on rich land; productive. Pods 4 inches long, straight, slightly curved at end, light green, well filled.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**THOMAS LAXTON.** Vine of about the same height as the Gradus, of similar habits but much darker, hardier and more productive. More attractive and better filled with peas as large and equal in quality.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

**WORLD'S RECORD.** A large, early wrinkled pea with pods  $3\frac{1}{2}$  to 4 inches long. The pods are well filled with peas of excellent quality. The vines are vigorous, growing about 36 to 40 inches high. Peas are ready to pick 4 to 5 days before Gradus. A variety which should be in every garden.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

## Second-Early, Medium and Late Varieties

**ALDERMAN.** This midseason pea, tall growing, is of English origin, and a few days later than the "Improved Telephone." Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

★**IMPROVED TELEPHONE.** Extensively grown. Vine  $3\frac{1}{4}$  to 4 feet. Productive on good soil. Pods large. Peas above medium size, of best quality.

Pkt., 20c; lb., 50c; 2 lbs., 95c;  
10 lbs. or over, 45c per lb.

For long distance, AIR EXPRESS, 3 miles per minute.

# PEPPERS

## Sweet and Hot

An ounce will produce from 1500 to 2000 plants.

Sow in hotbed in March or April transplant in open ground when all danger of frost is over, in rows 3 feet apart and 2 feet apart in the row. Seed can be sown outside late in May Cover seed one-half inch and thin as above.



Windsor "A"  
Pepper

**BELL or BULL NOSE.** Large, bell-shaped, thick-fleshed and less pungent than some other sorts. Good for filling. Pkt., 10c; ½ oz., 35c; oz., 60c.

**EARLY CALWONDER.** An early strain of California Wonder maturing a week to ten days earlier than others. Plant stocky and sturdy, vigorous, prolific. Fruits 3- and 4-lobed, upright, very attractive. Pkt., 10c; ½ oz., 40c; oz., 75c

**HARRIS EARLY GIANT.** The earliest known pepper and for the far North the most desirable. Plant very dwarf and compact in growth and extremely productive. Fruit 3-lobed, 3½ inches in length by 2½ inches in diameter, very mild and sweet.

Pkt., 10c; ½ oz., 40c; oz., 75c.

**HUNGARIAN YELLOW WAX.** (Hot.) (60 days.) An early variety with thick walls. The fruits are 5½ to 6½ inches long and about 1½ inches in diameter. The color is waxy yellow when young changing to orange and then to bright red. Pkt., 10c; ½ oz., 40c; oz., 75c.

**CALIFORNIA WONDER.** A midseason variety, mild and sweet, about 4½ inches long by 4 inches in diameter. Heavy walls, bright green changing to brilliant crimson. Pkt., 10c; ½ oz., 40c; oz., 75c.

**RED CHERRY.**

Pkt., 10c; ½ oz., 40c; oz., 75c.

**LONG RED CAYENNE.** Fruit very slim, pointed, about 4 inches long, and when ripe, bright red. Extremely pungent.

Pkt., 10c; ½ oz., 35c; oz., 60c.

**SQUASH, or TOMATO SHAPED.** Fruit flat or tomato-shaped and somewhat ribbed; flesh thick and slightly more pungent than other large sorts, early and sure to mature. Sold out.

**WINDSOR "A".** It is a thick-walled type, very desirable for home or garden use. The plant is of medium height and very prolific. The fruits are sweet, smooth, thick meated and very little wrinkled or furrowed, mostly three-lobed. Pkt., 10c; ½ oz., 40c; oz., 75c.

**WORLD BEATER.** Large, smooth, beautiful peppers. Mild flavor, very early to ripen. Very prolific.

Pkt., 10c; ½ oz., 40c; oz., 75c.

**WALTHAM BEAUTY.** An early prolific thick-fleshed Pepper. The fruits are similar to California Wonder but a little smaller. Pkt., 10c; ½ oz., 40c; oz., 75c.



Long  
Red  
Cayenne

## Tasty Parsnips—Dig Them Out of The Snow

One ounce will sow 200 feet of drill; 6 lbs. are required for an acre.

A vegetable for all winter use, with a rich, sweet flavor that most people like. Easily and cheaply grown.

**Culture:** Sow early in the spring, seed is slow to germinate. Sow one-half inch deep in rows 2 feet apart. Thin to 5 inches in rows. Frost sweetens them; can be left in the ground all winter.

**ARLINGTON LONG SMOOTH.** Roots very long and smooth, with full crown, desirable for deep soil and, owing to the full crown, is less liable to rot if left in the ground through the winter than the Hollow Crown.

### HEAVY BEARING PEANUTS

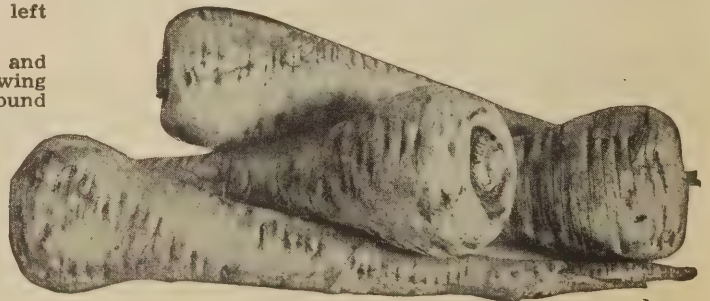
**SPANISH.** The best variety. An early, heavy bearer; bushes growing close, so very easily cultivated. Best re-cleaned seed stock.

Pkt., 15c; lb., 50c, postpaid.

By express, 10 lbs. or more, 40c per lb.

**★HOLLOW CROWN.** (110 days.) A good cropper, roots 15 inches long, 3 inches in diameter at the top. Flesh is fine grained, white and of superior quality.

Prices: Of each variety we offer a choice selected strain, each, pkt., 10c; oz., 20c; ¼ lb., 50c.



# Maine Certified Seed Potatoes

For Better Potato Yields Plant Maine Grown Seed

Shipment from April 1st to June 1st

Write for prices of potatoes.

## TWO NEW VARIETIES

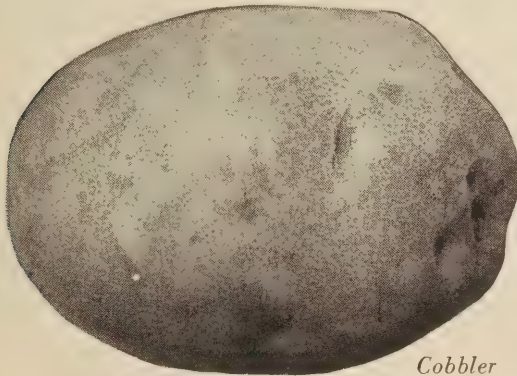
### Kennebec

A Valuable New Variety

The discovery of Kennebec marked the climax in a potato hunt that has taken years and years. Like anything else, an absolutely perfect potato may never be created and different regions are sure to have local favorites. But a survival of the fittest race is going on among the potatoes and just now the Kennebec looks like a winner. The introduction of this variety brings us a potato that will resist late blight and scientists have added so many other good features that the Kennebec, judged by tests, is the nearest yet to a super spud. It is a late potato in its native state and is best described as a vigorous, fast growing, high yielding, late maturing variety of high quality and is notably resistant to late blight as well as other troublesome diseases. The Kennebec is a very recent introduction but it is already crowding some of the so-called leading varieties.

Potato yields in Maine are watched closely and each season seems to bring a new record. None have surpassed the Kennebec; it has produced yields of 900 bushels per acre.

Many plantings of this variety have been made in Southern New England and it seems that this new potato is well adapted to many types of soil as heavy yields have been reported in each case. The quality is excellent; it is a white variety and compares very favorably with the Green Mountain which has been a leading variety for many years. The tubers have shallow eyes and a white skin. The shape, slightly oblong, is a little shorter than the Green Mountain.



Cobler

### Green Mountain

This is one of the old standard varieties and because of quality and yield it has been the main crop variety in Aroostook County, Maine, where most of our New England certified seed is produced.

The Green Mountain has so many good qualities that for the past several years it has seemed impossible to produce a variety to succeed it. It is a late crop winter potato and an excellent potato for baking and a very dependable keeper. It seems to thrive on all types of soil and produces a heavy crop. The skin is white and the potatoes cook white and mealy. Most crops produce potatoes of a very satisfactory size for home use or for the market.

**AROOSTOOK COUNTY, MAINE POTATOES.** We have offered for years only certified stock from Aroostook County, Maine, as we believe that this stock, certified by Maine authorities, is best adapted to our New England conditions and soil. We recommend that new seed be used each year and that only certified seed be planted.

### For the Large Grower for Dusting

We suggest the use of C-O-C-S Niatox 5 Dust. Contains 5% DDT Code 824. See page 70. 50-lb. bags **ONLY**

### For the House Garden

We recommend Code 927 C-O-C-S Potatox dust or spray. Contains DDT and Copper. Used for control of bugs and blight on potatoes and other vegetables. See page 69.

### Pontiac

A New Red Potato

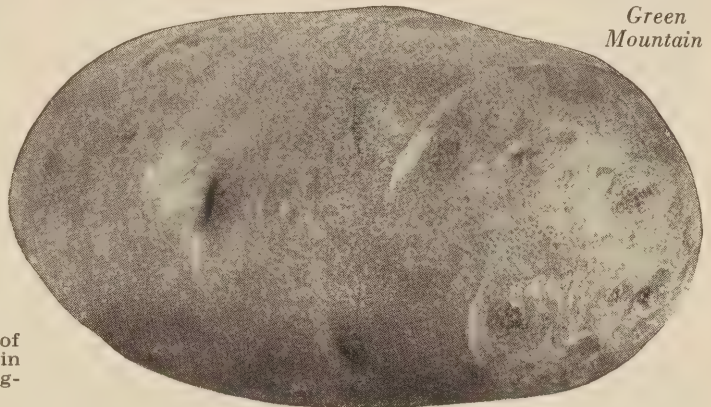
This is a new variety just being offered for the general trade. It is very similar to the Bliss Triumph in color but it is a much heavier yielder. It is one of the best red varieties ever introduced and under usual conditions will produce a heavy crop of marketable, smooth, red potatoes of excellent quality. The shape is slightly oblong. This is the only red skinned potato we offer.

### Irish Cobbler

An early, white-skinned variety; very short, thick, inclining to round. This potato has continued to gain in popularity as the variety for the early market. It is still the best early potato both in quality and yield. Very few others even equal and none surpass the Cobbler in yield unless it is some of the main later varieties. For home garden planting it is a wonderful sort, giving the gardener a good crop of early potatoes of unsurpassed quality. It does have a deeper eye than most varieties and some object to this, but this defect is made up by earliness and quality. The vine is very strong and vigorous and is quite resistant to blight and other potato plant diseases. A very fine old variety.

### Katahdin

Originated by the U. S. Department of Agriculture, the Katahdin has become the outstanding late potato for storage and market. It was originated in Maine and has been bred for disease resistance, quality and yield. During the years it was under observation it was entirely free from mild mosaic. It has increased in yield until it has surpassed about all of the late producing varieties. The tubers are smooth, short, elliptical to roundish, and have few very small, shallow eyes. The crisp white flesh has a distinct cooking quality which appeals to the housewife.



Green Mountain

### Potato Culture

The potatoes should be cut into pieces having 2 or 3 eyes. Plant in furrows 3 feet apart and from 8 to 12 inches apart in the furrows. One peck (15 lbs.) should be sufficient to plant 75 to 100 pieces. It should take about 14 bushels to plant one acre. Potatoes do best on new soil but may be grown on good garden soil and will respond generously to a liberal application of fertilizer. Cultivate by bringing the soil well up around the plant. Spray or dust the plants for insects and blight.

### Bird Seeds

Best Recleaned for Feeding Only

	Lb.	100 lbs.
Canary	\$.20	\$14.00
Hemp	.35	29.00
Lettuce	.30	24.00
Rape	.25	20.00
Sunflower Striped	.40	30.00
Flax	.28	21.00

### Wild Bird Seed

A mixture of sunflower, millet, peanut hearts, small grains, etc. Lb., 18c; 5 lbs., 65c; 10 lbs., \$1.25; 25 lbs., \$2.75.

# Radishes You'll Want Them All Summer Plant Every Two Weeks

An ounce will sow 100 feet of drill.

The secret in growing good radishes consists chiefly in the observance on the part of the grower of 3 points. First, they should be grown on light quick soil. Second, they should be given plenty of water, and last, but by no means least, the right kind of seed should be sown. For the first crop sow as early in spring as ground can be worked, and every two weeks through the season.

A warm, sandy loam, made rich and light by strong manure, is best. Sow in drills 10 to 12 inches apart. The winter varieties should be sown in July and August. One ounce will sow 100 feet of drill, 8 to 10 pounds per acre.

**\*EARLY SCARLET GLOBE.** A very early globe-shaped radish suitable for open ground. The radishes are of handsome shape, attractive bright red, and are crisp, solid and of the finest quality. They grow so rapidly that under favorable circumstances they may be pulled 20 days from sowing the seed. This is the most popular variety for forcing. Our seed is of the very finest strain grown from transplanted roots and will be found unsurpassed.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

**CRIMSON GIANT.** An early but large, round or slightly globular radish adapted for either forcing or outdoor cultivation. While it grows much larger than other forcing varieties, it does not become pithy under glass, nor outdoors.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

**CHERRY BELLE.** A popular short-topped scarlet globe type Radish, both for forcing and outdoor use. The root is globe-shaped, bright scarlet color, with a crisp flesh, holding from pithiness. Owing to its earliness and short top, this new variety has rapidly gained favor. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**EARLY SCARLET TURNIP.** A small, round variety, with small tops; quick grower. Popular for forcing and outdoors. Deep scarlet.

Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25.

**EARLY SCARLET TURNIP.**

**White Tipped.** Root nearly round, slightly flattened at bottom, bright scarlet with tip of clear white, early and attractive; suitable for forcing and outside planting. Pkt., 10c;

oz., 20c; ¼ lb., 50c; lb., \$1.25.

**EARLY LONG SCARLET. Short-**

**Top.** Once the most popular radish but has been largely displaced by the round varieties; 6 to 8 inches long, matures in 25 to 30 days. Pkt., 10c; oz., 20c.

**EARLY WHITE GIANT STUTT-GART.** Root large, clear white, often 4 inches in diameter. Can be stored for winter use.

Pkt., 10c; oz., 20c.

**FRENCH BREAKFAST.** Stump-rooted; about 3 inches long. Bright scarlet, tipped white.

Pkt., 10c; oz., 20c;

¼ lb., 50c; lb., \$1.25.

**LONG BLACK SPANISH WINTER.** One of the hardiest and best for winter use.

Pkt., 10c; oz., 20c.

**ROUND BLACK SPANISH.** White flesh with black skin.

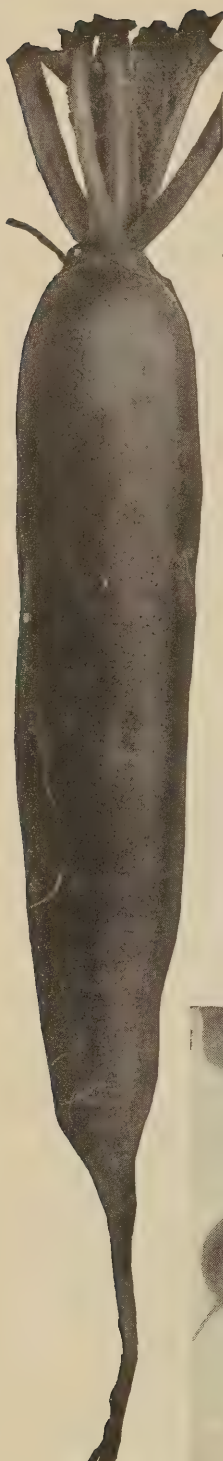
Pkt., 10c; oz., 20c.

**\*WHITE ICICLE.** The earliest pure white, long, summer radish. Roots when matured are 5 to 6 inches long by about ½ inch in diameter. One of the best outdoor summer radishes.

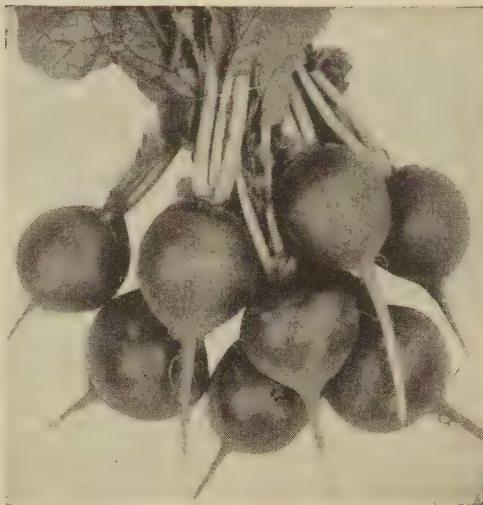
Pkt., 10c; oz., 20c;

¼ lb., 50c; lb., \$1.25.

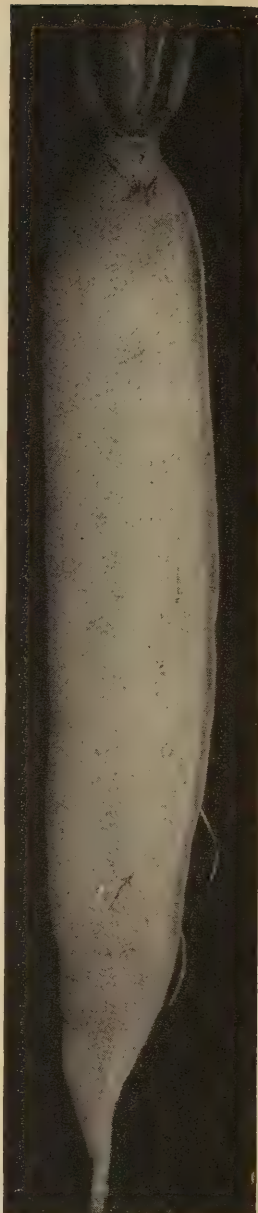
**For Good Crops It Is Important to Plant Ross' Selected Seeds**



Early Long Scarlet



Early Scarlet Globe



White Icicle



Small Sugar Pumpkin

## Pumpkin for Pies

An ounce will plant 25 hills.

**SMALL SUGAR.** The popular variety in New England for pies; fine grained and sweet.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40.

**CONNECTICUT FIELD.** The standard variety for feeding stock.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40.

**JUMBO or KING OF THE MAMMOTHS.** The largest of all pumpkins. Skin orange-salmon; flesh bright yellow, very thick, fine grained and of excellent quality for pies.

Pkt., 10c; oz., 25c; ¼ lb., 70c.



*Victoria Rhubarb*

## RHUBARB

**Fresh and Delicious**

The roots can be raised from seed sown in spring, and are ready to transplant to the permanent bed the next spring. The seed must be sown in fine, rich soil, and the seedlings must have good care.

**VICTORIA.** The most popular variety, fine for family use and market. Comes quite true from seed.

Pkt., 10c; oz., 35c; ¼ lb., \$1.15.

**RHUBARB ROOTS.** Sent by express or parcel post at buyer's expense. Each, 25c.

## SALSIFY

*An ounce will sow 50 feet of drill.*

Sow early and deeper than parsnip, otherwise culture is the same and, like parsnips, roots, if desired, may be left in the ground through the winter, but should be dug very early in the spring, as they deteriorate after growth commences.

**MAMMOTH SANDWICH ISLAND.** Larger, of strong growth, and less liable to grow spongy than the old Long White.

Pkt., 10c; oz., 50c; ¼ lb., \$1.50.



*Salsify*

# Spinach

*An ounce will sow 100 feet of drill; 14 to 16 pounds to the acre.*

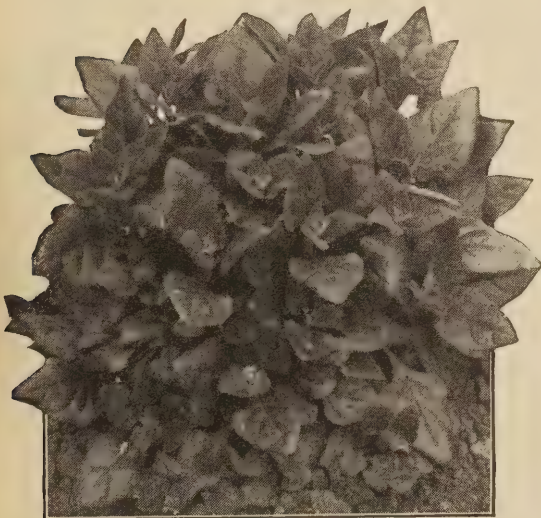
**Culture:** For spring and summer use, sow in drills one foot apart and one inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich.

**\*SUMMER SAVOY.** This strain of Long Standing Bloomsdale is fine for a summer crop as it will stand hot weather well. It is a little darker than Bloomsdale Long Standing.  
Pkt., 10c; oz., 20c; ¼ lb., 45c.

**SAVOY-LEAVED, or BLOOMSDALE.** The earliest variety and used almost entirely for fall sowing, as it runs quickly to seed in warm weather. Leaves of medium size, dark green, pointed and crimped. Pkt., 10c; oz., 20c; ¼ lb., 45c.

**SAVOY, VIRGINIA YELLOWS-RESISTANT.** It will grow on disease-infested soil and produce a crop where others fail.  
Pkt., 10c; oz., 20c; ¼ lb., 45c.

**NEW ZEALAND.** The hot weather spinach. Leaves and stems are succulent and tender. May be picked frequently during the summer.  
Pkt., 10c; oz., 20c; ¼ lb., 45c.



*New Zealand Spinach*

**BLOOMSDALE LONG STANDING.** In appearance quite similar to the Bloomsdale strain, the leaves being more intensely green. On account of the low per cent of male plants it stands heat remarkably well. After other kinds have gone to seed this will stand for a long time.  
Pkt., 10c; oz., 20c; ¼ lb., 45c.

**\*EARLY GIANT THICK-LEAVED.** Leaves very large and thick, deep green, attaining a size suitable for use early and plant grows to a large size before running to seed.  
Pkt., 10c; oz., 20c; ¼ lb., 45c.

## Small Summer Garden Collection

Sent postpaid in the United States for \$1.00. Catalog total price, \$1.25.

One packet of seed of each of these 9 varieties:

Black Wax Beans  
World Record Peas  
Golden Sunshine  
Sweet Corn  
Early Wonder Beet

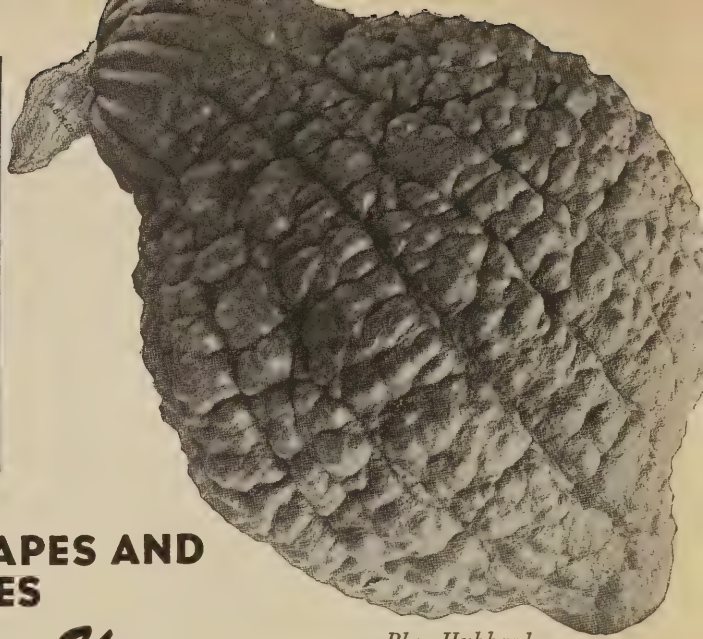
Danvers Carrot  
Fortune Cucumber  
Iceberg Lettuce  
Scarlet Globe Radish  
Summer Crookneck Squash



*Early Giant Thick-Leaved Spinach*



Butternut



Blue Hubbard

# SQUASH IN ALL SHAPES AND SIZES

*for Summer and Winter Use*

Squash seed should be planted at about the same time and in the same manner as cucumbers and melons. The hills should be 9 feet apart each way, slightly elevated and highly manured. Bush varieties may be planted closer together. Use plenty of seed, as the bugs will destroy some plants.

## WINTER SQUASH

**\*BLUE HUBBARD.** Special Market Gardeners' strain. The Symmes Blue Hubbard is an entirely distinct variety resembling the Warded Hubbard in shape. It is a pale light blue color, very thick meated, dry and very sweet; its eating qualities can not be surpassed.

Pkt., 10c; oz., 45c;  
¼ lb., \$1.20.

**BUTTERCUP.** Has excellent quality and fine thick sweet flesh. Very popular for local markets and roadside stands. Shape is flat with distinctive button.

Pkt., 10c; oz., 40c.

**BUTTERNUT.** The fruits are of a yellowish brown color and bottle-shaped. Flesh is yellow, dry, sweet and excellent flavor. Small seed cavity. Keeps well into the winter months. Pkt., 10c; oz., 45c.

**GOLDEN HUBBARD.** A rich orange-red instead of the dark olive-green of the old Hubbard, the flesh is thick and a little deeper colored. Good quality, fine grained and dry.

Pkt., 10c; oz., 25c;  
¼ lb., 85c.

**\*GREEN HUBBARD. W.** A well-known and favorite winter variety, more largely grown than any other. We offer a choice strain, considered by some of our customers to be superior to the popular Chicago Hubbard.

Pkt., 10c; oz., 25c;  
¼ lb., 85c.

**\*GOLDEN DELICIOUS.** A fine home garden variety. Medium size, with deep orange shell and thick orange flesh. A good keeper.

Pkt., 10c; oz., 25c;  
¼ lb., 85c.

**DELICIOUS.** A fall and winter variety. Color, usually dark green. Shell moderately hard but very thin; flesh thick, very fine grained, sweet and of finest flavor.

Pkt., 10c; oz., 25c;  
¼ lb., 85c.

**WARREN TURBAN.** Has a shell generally harder and thicker than the Essex Hybrid. The color is a deeper and richer orange, while the quality is decidedly better. Grown very extensively by market gardeners.

Pkt., 10c; oz., 25c;  
¼ lb., 85c.

**TABLE QUEEN, or DES MOINES.** Desirable for home and market garden use. Acorn-shaped fruit, ribbed, smooth, thin shelled, dark green, flesh light yellow, bakes well, with sweet inviting flavor.

Pkt., 10c; oz., 25c;  
¼ lb., 85c.

**UCONN.** It is a bush Acorn or Table Queen type especially valuable because its non-vining habit allows greater yield in limited space. This bushy habit combined with heavy yield make it attractive to the home gardener looking for a family supply from a few hills.

Pkt., 10c; oz., 30c.

## SUMMER SQUASH

**ITALIAN VEGETABLE MARROW.** Dark green at first, becoming marbled with yellow as they mature. The young fruits when fried in oil, constitute a vegetable delicacy very popular.

Pkt., 10c; oz., 25c;  
¼ lb., 50c.

**EARLY SUMMER CROOKNECK.** For early planting the Crookneck type is used in New England to almost the exclusion of any other. This, while much smaller than the Mammoth Crookneck, is yet largely grown, many considering it of better flavor.

Pkt., 10c; oz., 25c;  
¼ lb., 50c.

**\*EARLY GIANT SUMMER.** Early, mostly straight necked and much larger than the Summer Crookneck. A fine quality, growing from 14 to 16 inches long. Extensively used by market gardeners and exceptionally good for home gardeners.

Pkt., 10c; oz., 25c;  
¼ lb., 50c.

**EARLY PROLIFIC STRAIGHTNECK.** It is 10 days earlier than other summer squashes. The squash is smaller than the old Straightneck, smooth and has a clear yellow color. The vine is dwarf and very prolific.

Pkt., 10c; oz., 25c;  
¼ lb., 50c.

**YANKEE HYBRID.** The squash are of the finest type and very uniform. The skin has a waxy yellow color, very attractive. Early and prolific.

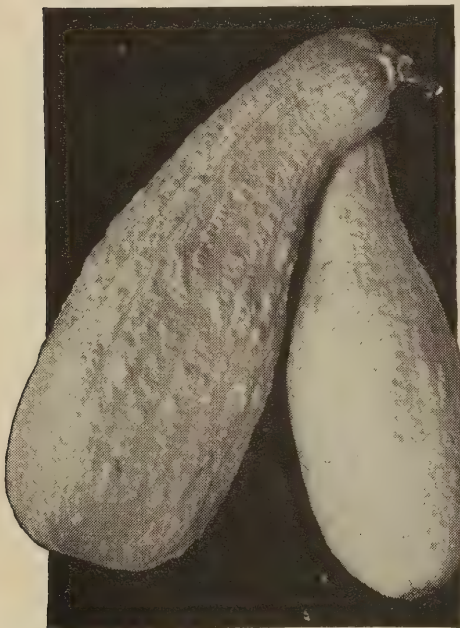
Pkt., 10c; oz., 70c.

**EARLY WHITE BUSH SCALLOP.** 54 days. A patty-pan scalloped edged variety, with creamy white skin and flesh, of fine quality.

Pkt., 10c; oz., 25c.

**ZUCCHINI.** (Black.) 65 days. Long cylindrical fruits weighing 5 to 6 pounds, use when young, cook like Eggplant.

Pkt., 10c; oz., 25c.



Early Prolific Straightneck

# Tomatoes

## Are the Backbone of Every Successful Vegetable Garden

Tomatoes are to be found in every garden. They are easily grown and can be used in so many different ways. It is well to grow an early as well as a main-crop, whether they are for home use or market. The main crop is, of course, more desirable for canning.

### CULTURAL DIRECTIONS

An ounce will produce about 2,000 plants.

Tomatoes do best on light, warm, not over-rich soil. Sow in hotbed or window-box (where 60 degree Fahrenheit is the minimum night temperature) in March, in rows 3 inches apart and ½ inch deep. Cover firmly. Later sowings may be made to the end of April. When seedlings are 3 inches high, transplant 4 inches apart each way in hotbeds, cold frames, or singly in 3-inch pots. Harden plants by exposing to the air occasionally. After warm weather is settled, set out plants 3 to 4 feet apart each way in hills, into each of which fertilizer has been previously mixed. Water freely at time of transplanting and shelter from sun until plants are well established.



Marglobe

**STOKESCROSS No. 4 Hybrid.** The brilliant F<sub>2</sub> hybrid is looked upon as a variety of enormous importance by the grower and shipper group. Produces large, solid, highly flavored fruit in large quantities. 75 days from transplanting. Pkt., 25c; oz., \$5.00.

**STOKESCROSS No. 5 Hybrid.** It has a long harvest season. Its hybrid vigor stands out in its heavy production of highly flavored and highly colored fruit. It is nearly crack proof. 6-ounce fruit ripens in about 80 days. Pkt. (about 250 seeds), 25c; oz., \$5.00.

**BEAUTY.** Fruit large, very smooth, excellent flavor, color purplish pink. Pkt., 10c; ½ oz., 30c; oz., 55c.

**\*BONNY BEST.** Large size tomatoes, bright scarlet in color. Excellent variety for the canner as it yields from 12 to 15 tons to the acre. Pkt., 10c; ½ oz., 35c; oz., 60c.

**COMET.** An excellent greenhouse sort, heavy yielder. Pkt., 10c; ½ oz., 40c; oz., 70c.

**DWARF CHAMPION.** Dwarf, compact, upright growth. Fruit smooth and solid. Pkt., 10c; ½ oz., 45c; oz., 80c.

**GOLDEN JUBILEE.** The best yellow-orange variety, fruit smooth and globe shaped with excellent flavor. Pkt., 15c.

**\*JOHN BAER.** The rich, scarlet-red fruits are thick and slightly flattened at the top; smooth, firm and of medium large size. Pkt., 10c; ½ oz., 30c; oz., 55c.

**\*MARGLOBE.** Certified. Resists rust and wilt. Almost round; of large size and bright red color. It is one of the most productive tomatoes in cultivation. Pkt., 10c; ½ oz., 30c; oz., 55c.

**\*PRITCHARD.** A great advance in the early class. Ripens with Earliana and ahead of Bonny Best. Pkt., 10c; ½ oz., 30c; oz., 55c.

**QUEENS.** Certified. 70 days. A large early market tomato introduced by Professor Lyman G. Schermerhorn of Rutgers University. Queens produces large clusters of 6-ounce fruit. Foliage is light, blossoms set profusely and size is maintained well into the season. Before its introduction Queen was subjected to 10 years testing and widespread trials. Our seed is produced from stock supplied by Prof. Schermerhorn. Pkt., 10c; ½ oz., 55c; oz., \$1.00.

**RUTGERS.** Wilt-resistant. Has thick outer and inner walls of solid meat. It is globe-shaped, scarlet-red in color, resembling Marglobe. Ripens first in the center of the fruit so that when red on the outside, the tomatoes are ripe all through. Rutgers is in great demand for all purposes. Pkt., 10c; ½ oz., 30c; oz., 55c.

**STOKESDALE.** Fine for market and canning; medium size fruit, globe shaped and bright scarlet color. The fruit ripens evenly and is very free of cracks and blemishes. Pkt., 10c; ½ oz., 30c; oz., 55c.

**STONE.** Vines vigorous and productive; fruit large, smooth, deep red in color, and heavy. The best all around variety where earliness is not important. Pkt., 10c; ½ oz., 30c; oz., 55c.

**VALIANT.** Certified. New extra early with large, deep, nearly round fruits which ripen to rich red color without green spots. Nearly as early as Earliana, but larger and finer fruited. The vines are vigorous and bear a heavy crop on well-fertilized moderately heavy soil. Pkt., 10c; ½ oz., 45c; oz., 80c.

**WALTHAM SCARLET.** Medium sized early selection from the Waltham Experiment Station for garden planting. A fine general purpose variety. Pkt., 10c; ½ oz., 50c; oz., 85c.

**RED PLUM.** (Italian.) Pkt., 10c.  
**YELLOW PLUM.** Pkt., 10c.  
**YELLOW HUSK, or STRAWBERRY.** Pkt., 10c.



Early Purple Top Flat

Early Purple Top White Globe

# Dependable Table Turnips

An ounce will sow 200 feet of drill. If sown in drills, one pound is required for an acre; if sown broadcast, less seed is sufficient if sown evenly.

**Culture:** For early, sow seed of flat varieties in open ground in spring in drills 1 foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession, sow every 2 weeks until June. For fall and winter, sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For rutabagas, sow seed in seed-bed in spring and transplant to good warm soil in rows at least 2 feet apart and 8 to 10 inches apart in the rows, or sow in open ground during June and early July. Take up roots just before winter, top and store in cool cellar, or pit outdoors.

**EARLY WHITE MILAN.** Roots flat, smooth and symmetrical, pure white. Top very small, upright, and compact, permitting close planting. The earliest and much the best of any extra early white variety. Pkt., 10c; oz., 20c.

**EARLY PURPLE MILAN.** Differs from the preceding in that the roots are not quite so thick and are purple on top. Pkt., 10c; oz., 20c.

**EARLY PURPLE-TOP FLAT.** A well-known variety and very extensively grown. Roots smooth, white, with the upper portion purplish red.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**\*WHITE EGG.** More extensively grown than any other variety. White, egg-shaped, smooth and symmetrical, of medium size; flesh firm, sweet and mild.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

## A Great Favorite Early Purple Top White Globe

One of the handsomest varieties, the upper portion of the root being a purplish red, the lower pure white. A rapid grower, attaining a marketable size sooner than other large globular varieties. Of the best quality and an excellent keeper.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

**GOLDEN BALL, or ORANGE JELLY.** Of globular form, medium size, skin rich orange; flesh pale amber, very fine-grained, mild and sweet. One of the most attractive, of the best quality and keeps well.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

**YELLOW GLOBE.** The standard yellow variety. The form is round, slightly flattened. Largely grown for stock, and to some extent for market. An excellent keeper.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

**COW HORN, or LONG WHITE.** Root long, slightly crooked and grows nearly half above ground. Clear white, except a little green at top. Though more largely used for feeding stock, it is a fine table variety, being tender and of mild flavor. Of very rapid growth.

Pkt., 10c; oz., 20c; ¼ lb., 45c.

## Rutabaga or Swede Turnips

**WHITE FRENCH, or ROCK.** Also an old and popular sort. Roots a little longer than Sweet Russian, but does not otherwise differ. Valuable for table or feeding.

Pkt., 10c; oz., 25c; ¼ lb., 75c.

**GOLDEN PURPLE TOP.** The finest Purple Top. A beautifully shaped Turnip, very hardy, having excellent eating qualities.

Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.50.

**LONG ISLAND IMPROVED.** Grows much larger than other American varieties, is, therefore, desirable for stock, but equally desirable for the table and market, as it is tender and sweet and of very attractive appearance.

Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25.

## Successful Tobacco Seed

**CONNECTICUT SEED LEAF.** A hardy cigar variety, well adapted to growing in the Middle and Northern States.

Pkt., 10c; oz., 75c.

**HAVANA.** Leaf very thin, fine texture. Much used for cigar wrappers.

Pkt., 10c; oz., 75c.





# Reference Table

## GARDEN SEEDS

	Per Acre	Per Acre
Artichoke, 1 oz. to 500 plants .....	½ pound	1½ pounds
Asparagus Seed, 1 oz. to 800 plants .....	4 pounds	4 "
Asparagus Roots .....	2500 to 7000	3 "
Beans, Dwarf, 1 pound to 100 ft. of drill ..	60 pounds	2½ "
Beans, Pole, 1 pound to 100 hills .....	30 "	4 "
Beet, Garden, 1 oz. to 100 ft. of drill .....	6 to 8 "	
Beet, Sugar and Mangel, 1 oz. to 100 ft. of drill .....	5 "	8 "
Broccoli, 1 oz. to 3000 plants .....	4 ounces	4 to 5 "
Brussels Sprouts, 1 oz. to 3000 plants .....	4 "	30 to 50 "
Cabbage, 1 oz. to 3000 plants .....	4 "	250 "
Carrot, 1 oz. to 150 feet of drill .....	2½ pounds	4 "
Cauliflower, 1 oz. to 3000 plants .....	5 ounces	4 "
Celery, 1 oz. to 10,000 plants .....	4 "	4 "
Celериac, 1 oz. to 10,000 plants .....	4 "	4 ounces
Chervil, 1 oz. to 8000 plants .....		600 to 700 pounds
Chicory .....	4 pounds	3 "
Collards, 1 oz. to 5000 plants .....		8 to 10 "
Corn, Sweet, ¼ pound to 100 hills .....	12 "	5 "
Cress, 1 oz. to 150 feet of drill .....		8 "
Cucumber, 1 oz. to 50 hills .....	2½ "	12 "
Dandelion, 1 oz. to 200 feet of drill .....	2 "	4 "
Dill, 1 oz. to 200 feet of drill .....	5 "	2 "
Eggplant, 1 oz. to 2000 plants .....	4 ounces	3 ounces
Endive, 1 oz. to 300 feet of drill .....	4½ pounds	
Kale, 1 oz. to 300 plants .....	4 ounces	
Kohl-Rabi, 1 oz. to 200 ft. of drill .....		1½ pounds
Leek, 1 oz. to 200 feet of drill .....		1 "
Lettuce, 1 oz. to 200 feet of drill .....		
Melon, Musk, 1 oz. to 100 hills .....		
Melon, Water, 1 oz. to 25 hills .....		
Mustard, 1 oz. to 50 feet of drill .....		
Okra, 1 oz. to 50 feet of drill .....		
Onion Seed, 1 oz. to 200 feet of drill .....		
Onion Seed for sets .....		
Onion Sets, 2 pounds to 50 feet of drill .....		
Parsnips, 1 oz. to 200 feet of drill .....		
Parsley, 1 oz. to 200 feet of drill .....		
Peas, Garden, 1 pound to 100 feet of drill ..		
Pepper, 1 oz. to 1500 plants .....		
Potatoes .....		
Pumpkin, 1 oz. to 50 hills .....		
Radish, 1 oz. to 100 feet of drill .....		
Sage, 1 oz. to 100 feet of drill .....		
Salsify, 1 oz. to 60-foot row .....		
Spinach, 1 oz. to 100 feet of drill .....		
Squash, Summer, 1 oz. to 25 hills .....		
Squash, Winter, 1 oz. to 10 hills .....		
Tomato, 1 oz. to 2500 plants .....		
Tobacco, 1 oz. to 5000 plants .....		
Turnip, 1 oz. to 200 feet of drill .....		
Turnip, Rutabaga, 1 oz. to 150 feet of drill ..		

## GRAIN AND FORAGE CROPS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Alfalfa .....	15-25	60	Millet, Japanese .....	15-25	35
Barley, for grain .....	100	48	Oats, for grain .....	50-60	32
Barley, for forage .....	140	48	Oats, for forage .....	100	32
Beans, Soy or Soja .....	60-75	60	Peas, Field, broadcast .....	150-160	60
Buckwheat .....	50-75	48	Peas, with Oats .....	90-100	60
Clover, Alsike .....	6-8	60	Rye, for grain .....	60-75	56
Clover, Crimson .....	18-20	60	Rye, for forage .....	80-100	56
Clover, Ladino .....	4	60	Rape, Dwarf Essex, in drills .....	4-6	50
Clover, Mammoth Red .....	10-12	60	Rape, Dwarf Essex, broadcast .....	8-10	50
Clover, Medium Red .....	10-12	60	Sudan Grass, in drills .....	4-6	40
Clover, White Sweet .....	20	60	Sudan Grass, broadcast .....	18-20	40
Corn, Dent, for silage .....	20-30	56	Vetch, Hairy, with one bushel small grain .....	30-40	60
Corn, Flint, for grain .....	15	56	Wheat .....	90-120	60
Millet, Golden .....	50	50			
Millet, Hungarian .....	50	48			

## GRASS SEEDS

	Pounds per acre	Weight per bu.		Pounds per acre	Weight per bu.
Awnless Brome .....	18-25	14	Rye Grass, Italian or Common .....	25-30	22
Blue Grass, Canada .....	30-35	14	Red Top, Recleaned Seed, Worcester Brand .....	40-50	36
Blue Grass, Kentucky .....	20-25	14	Red Top, Unhulled Seed .....	70	14
Creeping Bent .....	50	14	Rhode Island Bent .....	20-40	14
Crested Dogtail .....	30	28	Rough Stalk Meadow .....	30-35	26
Fescue, Hard .....	30	16	Sweet Vernal, use only in mixture .....		
Fescue, Meadow .....	24	16	Tall Meadow Oat .....	45	12
Fescue, Red or Creeping .....	30	16	Timothy .....	12-25	45
Fescue, Sheep's .....	40	16	Lawn Seed Mixture, Shady Spot .....	100-125	20
Fescue, Various Leaved .....	20-25	15	Lawn Seed Mixture, Worcester Brand ..	100-125	25
Meadow Foxtail .....	30	8	Wood Meadow .....	25-30	19
Orchard Grass .....	20-25	14			
Rye Grass, English or Perennial .....	25-30	28			

## NUMBER OF PLANTS, TREES, ETC., REQUIRED TO SET AN ACRE

Distance	Number	Distance	Number
1 ft. by 1 ft. ....	43,560	6 ft. by 6 ft. ....	1,210
1½ ft. by 1½ ft. ....	19,360	8 ft. by 8 ft. ....	680
2 ft. by 1 ft. ....	21,780	10 ft. by 10 ft. ....	434
2 ft. by 2 ft. ....	10,890	12 ft. by 18 ft. ....	302
2½ ft. by 2½ ft. ....	6,970	15 ft. by 15 ft. ....	194
3 ft. by 1 ft. ....	14,520	18 ft. by 18 ft. ....	134
3 ft. by 2 ft. ....	7,260	20 ft. by 20 ft. ....	103
3 ft. by 3 ft. ....	4,840	25 ft. by 25 ft. ....	70
4 ft. by 4 ft. ....	2,722	30 ft. by 30 ft. ....	40
5 ft. by 5 ft. ....	1,742	40 ft. by 40 ft. ....	27



*Alyssum, Carpet of Snow*



*Ageratum, Midget Blue*

# Ross' Choice Annuals

**Gardens That are Well Planted Will Have Flowers in Abundance This Year**

Annuals are flowers that sprout from seed, all of which die within the limits of the garden year. Being inexpensive, they appeal to both home owner and renter. It is possible to enjoy at a low cost all of Nature's beauty in color and fragrance. The many varieties we offer in this book are carefully selected to supply the utmost in flower beauty and satisfaction.

## Abutilon

138 Hybridum Mixed

*Flowering Maple*  
Pkt., 25c.

## Acroclinium

*Everlasting Flower*

An everlasting flower, which, when cut and dried, is very valuable for winter bouquets.

139 Light Rose and Pure White. Mixed.

Pkt., 10c; ¼ oz., 35c.

## Agrostemma

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

160 Coeli-Rosa (Rose of Heaven). Rose, with white center. Hardy annual. 1½ feet.

Pkt., 10c; ¼ oz., 25c.



*Acroclinium*

## Adonis

145 Aestivalis. (Flos Adonis.) Red.

Pkt., 10c; ½ oz., 60c.

## Ageratum

*Hardy Annual*

*Floss Flower*

A plant of the greatest beauty and value for garden or window, unexcelled for border, rock garden or bedding.

148 Mexicanum. Blue. 1½ ft.

Pkt., 10c; ¼ oz., 30c.

149 Mexicanum Album. White. 1½ ft.

Pkt., 10c; ¼ oz., 30c.

150 Fairy Pink. Soft salmon-rose-pink.

Pkt., 10c.

151 Blue Bedder. Mex. Dwarf. Deep lavender-blue. 4 in.

Pkt., 10c; ½ oz., \$1.00.

152 Midget Blue. A truly compact variety only 3 to 4 inches tall with dense spread. Azure-blue flowers.

Pkt., 10c; ½ oz., \$1.00.

153 Little Blue Star. A miniature variety with beautiful mauve flowers. 5 inches.

Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.00.

154 Blue Perfection. Large heads of amethyst-blue flowers; 8 inches.

Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

155 Dwarf Blue Cap. Dwarf rich blue flowers. 4 inches.

Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.00.

156 Purple Perfection. Extra dwarf. Deepest blue.

Pkt., 10c; ½ oz., 35c.

157 Golden Ageratum (Lonas inodora). Large clusters of Ageratum-like golden yellow flowers. 12 in.

Pkt., 10c; 1/16 oz., 75c.

158 Mixed Colors. All varieties mixed.

Pkt., 10c; ¼ oz., 35c.

## Alyssum

A well-known favorite, hardy annual, blooming profusely the entire season. Excellent for edging.

166 Sweet Alyssum. Fragrant, white. 10 inches.

Pkt., 10c; ¼ oz., 20c; ½ oz., 35c; oz., 60c.

167 Little Gem. Of spreading habit, forming compact masses of bloom often a foot or more in diameter. White, fragrant. 4 to 6 inches.

Pkt., 10c; ¼ oz., 30c; oz., 90c.

168 Carpet of Snow. Of very dwarf habit; white, fragrant. 2 to 3 inches.

Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

169 Violet Queen. A dwarf compact form, with bright violet flowers. Does not fade in hot weather. 4 inches.

Pkt., 10c; ½ oz., 35c.

171 Little Dorrit. Little bushes fairly smothered with miniature white flowers. A gem for edging and beds. 3 inches high.

Pkt., 10c; ¼ oz., 25c; oz., 75c.

172 Royal Carpet. A new gem for the garden. The spreading compact habit and rich violet-purple color should be an excellent companion to Carpet of Snow, and will emphasize any background. Height 3 in. Spread 12 in.

Pkt., 25c.

## Amaranthus

Brilliantly colored foliage, and bearing peculiarly formed flowers.

175 Caudatus (Love-Lies-Bleeding). Long, drooping flower. blood-red. half-hardy annual. 3 feet.

Pkt., 10c; ½ oz., 25c.

178 Tricolor Splendens (Joseph's Coat). Red, yellow, and green foliage.

Pkt., 10c; ½ oz., 25c.

# Antirrhinum

(Snapdragon)

**Rust-proof. 75% or better Rust-proof.**

One of the most beautiful and useful bedding plants, blooming profusely throughout the summer. Fine for cutting.

190D University of California De Luxe Mixture.

Pkt., 10c; 1/8 oz., 75c; 1/4 oz., \$1.25.

191 Maximum Rust Resistant. California Giants. Exquisite mixed.

Pkt., 10c; 1/8 oz., 75c.

191A Tetraploid Superfine Mixture

Pkt., 25c; 1/16 oz., 75c.

## Snaps for Greenhouse Forcing

192 Afterglow. Golden bronze.

Pkt., 25c.

193 Ceylon Court. Yellow.

Pkt., 25c.

194 Cheviot Maid. Supreme, early pink.

Pkt., 25c.

195 Rose Queen. Dark pink.

Pkt., 25c.

196 Lucky Strike. Pure white.

Pkt., 25c.

## Snapdragons, Large Flowered Type

197 Tall Mixed.

Pkt., 10c; 1/8 oz., 50c.

198 Grandiflora. Giant varieties mixed.

Pkt., 10c; 1/8 oz., 50c.

199 Semi-Dwarf Varieties. Mixed colors.

Pkt., 10c; 1/8 oz., 65c.

199A Tom Thumb. Extra dwarf. Choice mixture.

Pkt., 10c; 1/8 oz., 70c.

## Anchusa

184 Blue Bird. Compact plants, 20 to 24 inches high with clusters of vivid indigo-blue flowers. Excellent for cutting.

Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.

185 Capensis (Cape Forget-Me-Not). Attractive annual with azure-blue flowers. 1 1/2 feet.

Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.

## Arctotis

210 Grandis (Blue-Eyed African Daisy). 3 ft. Pearly white with a gold band surrounding a mauve center. Foliage gray-green.

Pkt., 10c; 1/4 oz., 35c.

211 Hybrids. Showy Daisy-like flowers, red and orange shades.

Pkt., 10c; 1/8 oz., 75c.

## Asparagus

216 Plumosus Nanus. Beautiful house plants. The feathery foliage is unrivaled for cutting.

Pkt., 15c.

217 Sprengeri. Excellent plants for table decorations.

Pkt., 15c.

## Balsam

They are among the showiest and most popular of our summer garden annuals, forming bushy plants, covered with double flowers of brilliant colors.

225 Improved Camellia-Flowered. Mixed colors. Double flowers of the finest type and a wide range of beautiful colors.

Pkt., 10c; 1/4 oz., 40c.

227 Double Dwarf Mixed. Showy little bushes about 8 inches high, with double and semi-double flowers.

Pkt., 10c; 1/4 oz., 25c.

228 Double Rose Flowered. Finest Mixed.

Pkt., 10c; 1/8 oz., 25c.

230 Choice Mixed. Double flowers of many colors.

Pkt. 10c; 1/4 oz., 25c.

## Balloon Vine

235. A tender annual climber of rapid growth, bearing small white flowers, followed by curious inflated seed-vessels, somewhat resembling a balloon. 10 to 15 feet.

Pkt., 10c; 1/2 oz., 25c.

## Bartonia Aurea

236. Showy, hardy annual, its golden yellow flowers being freely produced. It grows well in partial shade, but should not be crowded.

Pkt., 10c; 1/4 oz., 25c.

## Beans

### ORNAMENTAL VARIETIES

The Scarlet and White Runner Beans are popular as ornamental climbers. The former is largely grown. Fine for ornamental effects.

240 Scarlet Runner. Pkt., 10c.

241 White Runner. Pkt., 10c.

BLUE LACE FLOWER. See Didiscus.

## Brachycome (Swan River Daisy)

A free-flowering plant of dwarf, compact growth, bearing single blue or white flowers. Half-hardy annual. 1 ft.

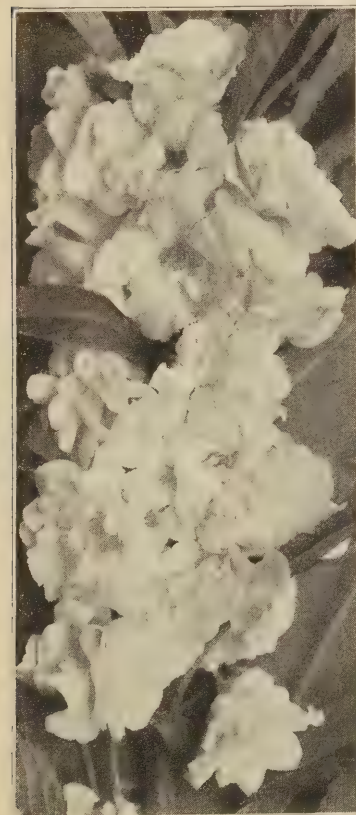
250 Mixed Colors.

Pkt., 10c;

1/8 oz., 25c.



Rust-Proof Antirrhinum



Balsam

## Browallia

Free-blooming half-hardy annual. For beds, borders or pots. 1 1/2 ft.

251 Blue and White Mixed. Pkt., 10c.

## Cactus

251A Rare Sorts Mixed. Pkt., 25c.



*California Sunshine Aster*

**California Sunshine**

An attractive Anemone-flowered variety particularly fine for cutting. 2½ feet.

24 Mixed Colors. Pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

**32 Heart of France**

(WILT-RESISTANT)

Rich dark red. Very double, of strong branching habit. 1½ to 2 feet. Midseason.

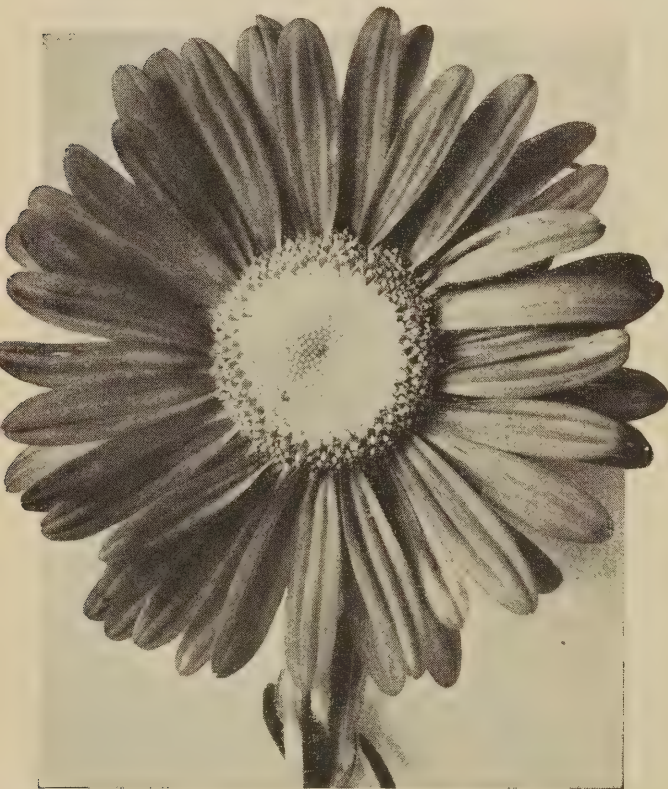
Pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

**Single Chinensis**

(WILT RESISTANT)

15 Rainbow Mixture.

Pkt., 10c; ½ oz., 40c.



*Single Chinensis*



*California Giant Double*

# Asters You Can

Asters are one of the finest cut flowers and very useful in the garden. Available in many shapes and colors; early, midseason and late varieties.

**32A Lilliput-Flowered**

The flowers are tiny and button-like in form, coming in profuse clusters on medium length stems.

Pkt., 10c; ½ oz., 40c.

**Ballet Type**

34 **Ballet Queen.** Deep salmon-rose. First of a new type of Queen Asters with full centers, larger flowers, longer stems, and a very high wilt resistance.

Pkt., 10c; ½ oz., 40c

35 **Ballet Type, Finest Mixed.** Pkt., 10c; ½ oz., 40c.

**Improved Crego or Tall Ostrich Feather**

(WILT-RESISTANT)

Plants robust, branching, about 2½ ft. Flowers large, double and well formed; one of the finest varieties for all purposes.

35A **Finest Mixed.** Pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

**Queen of the Market**

(WILT-RESISTANT)

A very early blooming strain, which, though plant is only 1¼ feet high, bears from 10 to 15 well-formed, medium-sized flowers on long stems. Much used by florists.

36 **Purple**

40 **Flesh-Pink**

37 **White**

41 **Crimson**

38 **Rose**

42 **Mixed Colors**

39 **Light Blue**

Each, pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

**Early Beauty**

(WILT-RESISTANT)

Plants 2½ to 3 feet with long, heavy stems, bearing large, compact flowers. They bloom from late August until frost.

43 **Azure Fairy.** Azure-blue. 44A **September Beauty.** Shell-pink.

43A **Crimson**

45 **White**

44 **Purple**

45A **Finest Mixed**

Pkt., 10c; ½ oz., 40c.

# Grow Successfully

## California Giant Double

A variety of Asters of the Improved Comet type, with strong stems. Petals curved and twisted. Plant grows 2 to 3 feet tall. Midseason.

- |   |                 |
|---|-----------------|
| 8 White. New; fine.   | 11 Light Purple |
| 9 Peach Blossom   | 12 Deep Rose    |
| 10 Light Blue   | 13 Dark Purple  |
| Pkt., 10c; 1/16 oz., 30c; 1/8 oz., 50c; 1/4 oz., 90c.                           |                 |
| 14 Mixture of above: Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.<br>1/2 oz., \$1.40. |                 |

## Early Royal

(WILT-RESISTANT)

Plants branching, 2 to 2½ feet, blooming in mid-August directly following the Queen of the Markets.

- |                  |                 |
|------------------|-----------------|
| 16 Peach Blossom | 48 Lavender     |
| 17 White         | 48A Purple      |
| 17A Deep Rose    | 49 Mixed Colors |

Pkt., 10c; 1/8 oz., 40c.

## Super Giant

The flowers are from 5 to 6 inches across; full, graceful, interesting petals. Plants are about 2½ feet tall, with 6 to 8 long non-lateral stems per plant.

- |   |                          |
|---|--------------------------|
| 50 Los Angeles. Shell-pink.   | Pkt., 10c; 1/8 oz., 40c. |
| 51 El Monte. Crimson.   | Pkt., 10c; 1/8 oz., 40c. |
| 52 Santa Maria. (New.) Largest and most fully double pure white Aster with long lacy petals curling from an interlacing powdery center. | Pkt., 10c; 1/8 oz., 75c. |
| 53 Super Giants Mixed. Wilt resistant.  | Pkt., 10c; 1/8 oz., 40c. |

## King or Needle Type

Branching, 2½ ft.

- |                                     |                          |
|-------------------------------------|--------------------------|
| 75 King Mixed.                      | Pkt., 10c; 1/8 oz., 40c. |
| 76 Ostrich Feathered. Finest mixed. | Pkt., 10c; 1/8 oz., 40c. |

## Princess

(WILT-RESISTANT)

Plants 2 to 2½ ft. tall, branching and free flowering, early blooming, bearing quantities of 3- to 3½-inch flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plumelike guard petals.

- |   |
|---|
| 70 Barbara. Orchid.                             |
| 71 Golden Sheaf. Yellow self.                   |
| 72 Linda. Rose.                                 |
| 73 Marsha. Rich cinnabar-scarlet. Upright type. |
| 74 Finest Mixed                                 |

Pkt., 10c; 1/8 oz., 40c.

## Giant Branching Comet

(WILT-RESISTANT)

Plants upright, 2 ft., non-branching, feathery, double flowers. Blooms middle of August.

- |  |                          |
|--|--------------------------|
| 82 Mixed Colors. Many colors and shades. | Pkt., 10c; 1/8 oz., 40c. |
|--|--------------------------|

## American Branching

(WILT-RESISTANT)

A superior late-blooming strain of American origin. The flowers are of the largest size, borne on long, graceful stems often 15 or more inches in length, are exceedingly beautiful and unsurpassed for cutting. Blooms in late August. 2½ feet.

- |  |                         |
|--|-------------------------|
| 108 White                                    | 111 Sensation. Scarlet. |
| 109 Pink                                     | 112 Purple              |
| 110 Azure-Blue                               | 116 Mixed Colors        |
| Each: Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c. |                         |

## Early Giant

(WILT-RESISTANT)

Flowers are of the largest Giants of California type. Plants are 1½ feet high with strong heavy stems. Blooms in mid-August.

- |  |                           |
|--|---------------------------|
| 118 Light Blue. A big, lacy light blue flower.         | Pkt., 10c; 1/16 oz., 40c. |
| 119 Peach Blossom. Opens white, flushes lavender-pink. | Pkt., 10c; 1/16 oz., 40c. |
| 120 Rose Marie. Rich lively shade of rose.             | Pkt., 10c; 1/16 oz., 40c. |
| 121 Finest Mixed.                                      | Pkt., 10c; 1/16 oz., 40c. |

## 124 Worcester Mixture

Our own mixture of the leading choice varieties, includes every color and shade known among Asters.

Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 60c; oz., \$2.00.

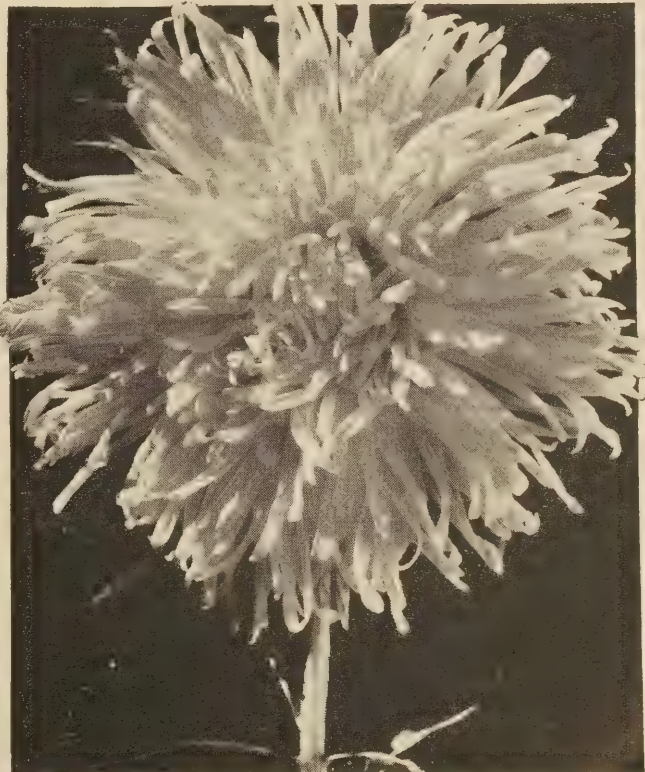


*Princess, Golden Sheaf*

### Peat Moss Breaks Heavy Soils and Holds Moisture

Use peat moss freely, it holds moisture, lightens the soil and assists the growth of most plants.

Standard bale (about 20 bushels), Market Price.



*Super Giant, Los Angeles*

**NOTE:** Please order by number as well as name.



*Calendula, Yellow Colossal*

## Calendula

(Pot Marigold)

A very free-blooming hardy annual of easy culture. Flowers double, borne on stiff stems, and are cut to some extent, but the plant is more desirable for bedding. 1 to 1½ feet.

**252 Campfire or Sensation.** Improved strain. Dark orange with scarlet sheen. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

**253 Chrysantha or Sunshine.** Clear buttercup-yellow, petals incurved. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c.

**253A Yellow Colossal.** Extra large, lemon-yellow flowers. Pkt., 10c; ¼ oz., 40c.

**254 Ball's Gold.** Deep golden yellow, dark center, very large flowers. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

**255 Ball's Masterpiece.** Rich deep orange, dark center, long stems. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

**255A Ball's Orange Improved.** Brilliant orange, light center, petals slightly notched. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

**256 Pacific Beauty Mixed.** Large flowered tall, heat resistant strain. Pkt., 10c; ¼ oz., 35c.

**257 Orange King.** Extra select. Large dark orange, dark center. Pkt., 10c; ½ oz., 35c; oz., 60c.

**258 Lemon Queen.** Clear lemon-yellow. Pkt., 10c; ¼ oz., 20c; ½ oz., 35c.

**259 Mixed Varieties.** Pkt., 10c; ½ oz., 35c; oz., 65c.

**259A Sunset Shades Mixed.** Pkt., 10c; ¼ oz., 30c.

## Canterbury Bells

**274A Finest Mixed.** A new annual Canterbury Bell which blooms from seed in less than 6 months. Plants 2 to 2½ feet. Pkt., 10c; ½ oz., 35c.

## Calliopsis

(Annual Coreopsis)

Showy Daisy-like flowers, ideal for cutting or for massing in a border.

**260 Mixed Colors.** 1½ to 2 feet. Pkt., 10c; ½ oz., 35c; oz., 60c.

**261 Golden Crown (Drummondii).** Semi-double. Improved rich yellow, maroon center. Pkt., 10c; ¼ oz., 25c.

**262 Golden Wave (Drummondii).** Golden yellow with small dark center. 1½ feet. Pkt., 10c; ¼ oz., 25c.

**263 Ray of Gold.** Yellow with purplish brown center. 6 to 8 inches. Pkt., 10c; ¼ oz., 25c.

## Canary Creeper

(*Tropaeolum Canariense*)

**275.** A rapid-growing, half-hardy annual climber, bearing curiously formed yellow flowers. Blooms until frost. 10 to 15 feet. Pkt., 10c; ¼ oz., 30c.

## Candytuft

Popular hardy annual, growing in any soil, requiring but little care, and by repeated sowings may be had in bloom all summer. 6 inches to 1 foot.

**276 Rose Carmine.** Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

**277 Dark Crimson (Dunnett's).** Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

**278 Empress.** Large trusses; pure white. Pkt., 10c; ¼ oz., 25c; ½ oz., 40c.

**279 Giant Hyacinth-Flowered.** Heads of immense size, resembling the Hyacinth. White. Pkt., 10c; ¼ oz., 35c; ½ oz., 60c; oz., \$1.00.

**280 Mixed Colors.** Pkt., 10c; ¼ oz., 25c.

**282 Dwarf Hybrids.** Mixed colors. Of dwarf habit but flowers are large. Pkt., 10c.

**283 Dwarf Empress. (Little Prince.)** Large flowered pure white. Pkt., 10c.

**We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**



*Candytuft, Giant Hyacinth-Flowered*

## Canna

The Crozy Cannas are well known for their dwarf growth and luxuriant foliage. The flowers are large and of most brilliant colors.

**284 Crozy's Dwarf.** Dark, large flowering varieties. Mixed. 3 to 4 feet. Cannot supply.

**285 Giant Flowered New Hybrids.** Mixed. Pkt., 10c.

**CARDINAL CLIMBER.** See Ipomoea, number 549.

**CARDINAL FLOWER.** See Lobelia, number 588, page 54.

## Carnation

(*Dianthus Caryophyllus*)

**287 Marguerite Giants.** Double special mixture. Flower approaches in form, size, fragrance and beauty those grown by the florist.

Pkt., 10c; 1/8 oz., 60c.

## Cineraria Hybrida Grandiflora

**294 Cremer's Prize Mixture.** The plants are of compact growth, carrying extra large flower heads with flowerets of unusual size and substance. Pkt., 50c.

## Castor Bean

(*Ricinus*)

Well-known tender annual, with palm-like leaves of glossy green, brown or bronze hue. 6 to 15 feet.

**295 Borboniensis.** Large, showy foliage of purplish hue. 15 feet.

Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00.

**296 Cambodgensis.** Stalks and stems nearly black; leaves large, of a deep bronze-maroon. 6 feet.

Pkt., 10c; 1/2 oz., 20c; oz., 35c.

**297 Red Spire.** Very showy.

Pkt., 10c; 1/2 oz., 20c; oz., 35c.

**298 Zanzibariensis.** With gigantic leaves, ranging in color from light green to deep bronze. 10 to 15 feet. Mixed varieties.

Pkt., 10c; 1/2 oz., 20c; oz., 35c.

**299 Gibsoni.** Large dark red leaves. 5 feet. Pkt., 10c; 1/2 oz., 20c; oz., 35c.

**300 All Varieties Mixed.**

Pkt., 10c; 1/2 oz., 15c; oz., 25c.

## Cockscomb (*Celosia cristata*)

Free blooming annuals of easy culture, producing large, brilliant, comblike heads. Excellent for borders, edgings or pots.

**305 Glasgow Prize.** Crimson; dark foliage. 9 inches.

Pkt., 10c; 1/8 oz., 50c.

**307 Mixed.** Pkt., 10c; 1/8 oz., 25c.

**309 Dwarf, Extra-Choice Mixed.** Includes all the latest introductions and colors of the Cockscomb.

Pkt., 10c; 1/8 oz., 35c.

## Celosia Plumosa (*Lilliput*)

**310 Lilliput Fire Feather.** Glowing scarlet. 12 inches. Pkt., 10c.

**311 Lilliput Golden Feather.** Golden yellow. 12 inches. Pkt., 10c.

**311A Lilliput Mixed.** Pkt., 10c.

## Feathered Celosia

(*Celosia plumosa*)

Often used for winter bouquets, and for this purpose should be cut before fully ripe and dried in the house.

**312 Plumosa, Scarlet Plume.** Pkt., 10c; 1/16 oz., 40c.

**312A Golden Fleece.** The clear golden yellow feathery spikes are carried on good stems, giving a magnificent airy appearance. Pkt., 15c.

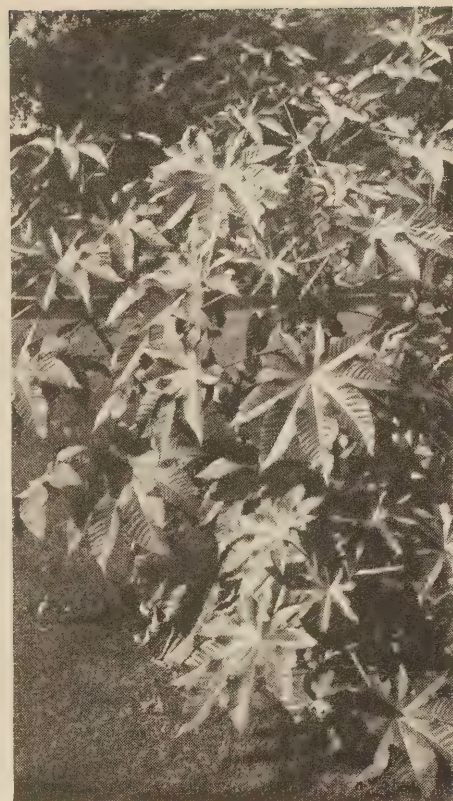
**312B Pampas Plume.** Giant flowered strain in bronze, copper, gold and sunset shades. Pkt., 15c.

**313 Thompsoni Magnifica.** Large plumes, ranging from clear yellow to darkest red.

Pkt., 10c; 1/8 oz., 35c.

**314 Choice Mixed.**

Pkt., 10c; 1/4 oz., 35c.



Castor Bean

## Chinese Woolflower

(*Celosia Childsi*)

Large globular heads like balls of wool chenille. The plants, 2 to 3 feet in height, branch freely, each branch terminating with a flower-head. Blooms from early summer to frost.

**329C Mixed Colors.** Pkt., 10c; 1/8 oz., 35c.



Dwarf Feathered Celosia



Cineraria



*Centaurea, Americana Lilac*

## Centaurea

To this family belong the well-known annuals, Bachelor's Button and Sweet Sultan, and also the plants known as Dusty Millers.

315 **Americana Lilac** (Basket Flower). The plant grows 3 feet tall and bears immense thistle-like blooms of rose lavender color. **Pkt., 10c; ¼ oz., 25c.**

316 **Americana Alba** (Star Thistle). 3 feet. Large heads of double fluffy blooms, almost pure white. **Pkt., 10c; ¼ oz., 25c.**

316A **Jubilee Gem**. Dwarf compact plants, about 12 inches high, literally covered with dark but very vivid double blue flowers. **Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.**

## Cyanus

317 **Double Black Boy**. Blackish maroon. **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.**

318 **Double Blue Boy**. Rich deep blue. **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.**

318A **Double Pinkie**. Deep pink. **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.**

319 **Double Red Boy**. Deep red. **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.**

319A **Double Snow Man**. Pure white. **Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.**

320 **Cyanus Double Mixed**. **Pkt., 10c; ½ oz., 30c; oz., 50c.**

## Centaurea

(Sweet Sultan)

321 **Moschata** (Common Sweet Sultan). Mixed colors. **Pkt., 10c; ¼ oz., 35c.**

322 **Suaveolens** (Yellow Sweet Sultan). **Pkt., 10c.**

## Imperialis

(Royal Sweet Sultan)

Improved type of Sweet Sultan. Both plants and flowers are larger than the common.

323 **Deep Lavender**. **Pkt., 10c; ½ oz., 25c.**

324 **White**. **Pkt., 10c; ½ oz., 25c.**

325 **Mixed Colors**. **Pkt., 10c; ¼ oz., 35c.**

## White-Leaved Centaureas

(Dusty Miller)

Half-hardy perennials which are grown annually from their seed for their foliage only. Used with other foliage and flowering bedding plants.

326 **Candidissima**. Yellow, silvery foliage. 1 foot. **Pkt., 10c; ¼ oz., 60c.**

327 **Gymnocarpa**. Lavender, silvery white foliage; of graceful, drooping habit. 1½ ft. **Pkt., 10c; ¼ oz., 30c.**

## Chrysanthemum

Free-flowering plants of branching habit, grow freely from seed, and are of easy culture, very desirable for cutting. Hardy annual. 1 to 1½ feet.

330 **Single** (Painted Daisies). Mixed colors. Lively bright colors. **Pkt., 10c; ¼ oz., 20c; oz., 60c.**

331 **Helios, Evening Star**. Covered with bright golden yellow single flowers. **Pkt., 10c; ½ oz., 20c.**

333 **Northern Star**. White, with yellow ring, dark eye. **Pkt., 10c; ¼ oz., 20c.**

## Clarkia

Beautiful hardy annual of easy culture. Blossoms are borne in profusion on long graceful sprays. Fine for cutting. 2 feet. **Pkt., 10c; ½ oz., 25c.**

## Cleome—"Giant Spider Plant"

343 **Pink Queen**. A showy garden annual producing curious heads of flowers of clear soft pink color with long antenna-like stamens. 4 to 5 feet. **Pkt., 10c; ½ oz., 40c.**

342 **Helen Campbell**. Tall, vigorous. Pure white, light green stems. **Pkt., 10c.**



*Centaurea, Jubilee Gem*

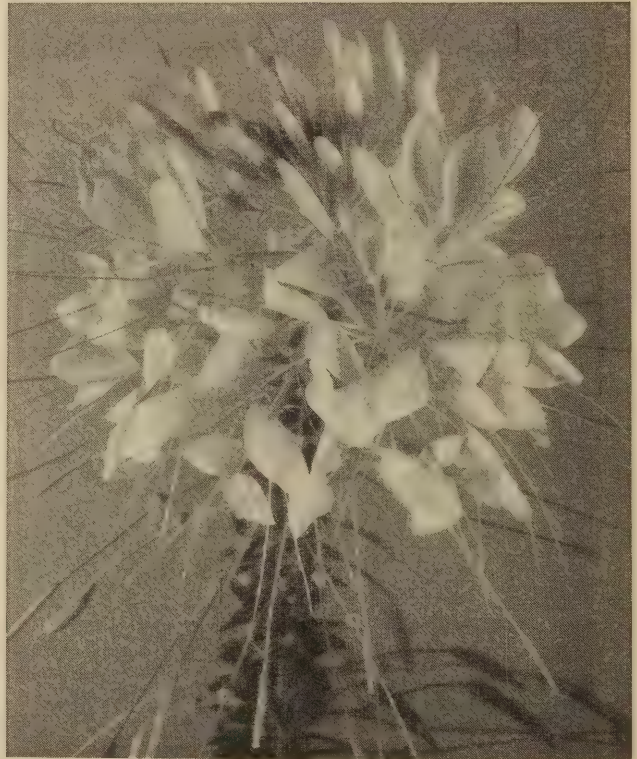
## Cobaea Scandens or Cathedral Bells

345. Rapid growing climbers with large purple bell-shaped flowers. 20 to 30 feet. **Pkt., 10c; ½ oz., 30c.**

## Coix Lachryma

(Job's Tears)

347. An ornamental grass growing from 7 to 9 feet high. Large, broad leaves bearing large shiny seed. **Pkt., 10c; ½ oz., 25c.**



*Cleome, Pink Queen*



## Coleus

Ornamental foliage plants, easily grown from seed.

349 **RAINBOW MIXTURE**. Vigorous, brilliant, medium leaved mixture. Pkt., 10c; 1/16 oz., 75c.

350 **Hybridus, Small-Leaved**. Fine mixed. From a large collection; of greatly diverse shades and markings.

Pkt., 10c; 1/16 oz., 75c.

351 **Hybridus, Extra Large-Leaved Varieties Rainbow Mixture**. Saved from new varieties with very large and richly variegated foliage. Pkt., 10c; 1/16 oz., \$1.00.

352 **Fringed Leaved Mixed**. Pkt., 25c.

## Collinsia

A free flowering hardy annual with lovely blooms arranged in whorls on slender stems. Blooms from June to October. 1 foot.

353 **Mixed Colors**. Pkt., 10c; ¼ oz., 25c.

## Convolvulus Minor (Dwarf Morning Glory)

356 **Dwarf Royal Ensign**. A 6-inch tall, compact, ultramarine blue with golden throat. Pkt., 10c; ¼ oz., 50c.

## Burbank's Rainbow Corn

357. Annual, grows about 5 feet high. The foliage is striped with rose, purple, green and cream color.

Pkt., 10c; oz., 25c.

## Giant Flowering Cosmos

Cosmos are among the finest annuals for table decoration. They are invaluable in the mixed border and for their long period of flowering.

359 **Klondyke, Orange Flare**. Early flowering, deep orange. Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.

359A **Klondyke Semi-Double Orange Ruffles**. Vivid rich orange, butterfly-like double blooms.

Pkt., 10c; ¼ oz., 30c.

360 **Semi-Double Fiesta**. (New). Brilliant flowers, gold striped scarlet. An easy to grow, early, heat resistant, free flowering annual for gardens and cuttings.

Pkt., 25c; ½ oz., 75c.

362 **Large Early Flowering**. The flowers are large and bloom early. Crimson, Rose and White mixed.

Pkt., 10c; ¼ oz., 30c; ½ oz., 50c; oz., 90c.

362A **Crimson**      362B **Pink**      362C **White**

Each, pkt., 10c; ¼ oz., 30c.



Orange Flare Cosmos

### SENSATION TYPE

The Sensation type of Cosmos grows 4 to 5 inches in diameter with broad fluted petals. Blooms 8 to 10 weeks after sowing. 3 to 4 feet.

363 **Dazzler**. Dazzling crimson. Pkt., 10c; ¼ oz., 35c.

363A **Sensation Radiance**. Deep rose petals, overlaid with large, well-defined zone of rich crimson.

Pkt., 15c; ½ oz., 40c; ¼ oz., 75c.

364 **Sensation, Pinkie**. Clear rose-pink. Pkt., 10c; ¼ oz., 45c.

364A **Sensation, Purity**. Pure white.

Pkt., 10c; ¼ oz., 45c.

364B **Sensation Finest Mixed**.

Pkt., 10c; ¼ oz., 40c; ½ oz., 75c.

## Extra Early Double Crested Cosmos

The new annual crested type Cosmos is a distinct type, having double center, with a row of guard petals around the base.

365 **Crimson King**. Dark crimson.

365A **Pink Beauty**. Soft pink.

365B **White Queen**. Pure white.

365C **White, Pink and Crimson mixed**.

Pkt., 10c; ½ oz., 40c; ¼ oz., 75c; ½ oz., \$1.40; oz., \$2.50.

## Cuphea

367 **Firefly** (Firecracker Plant). Semi-dwarf compact annual with a spread of about 12 inches. The miniature bushes are covered with deep rosy scarlet blooms. Pkt., 10c.

## Ross' Giant Cyclamen

Charming house plants, with beautiful foliage and rich colored, fragrant flowers.

369 **Giant-Flowered Extra Choice Mixed**.

Pkt., 50c.

## Cynoglossum (Chinese Forget-Me-Not)

369A **Amabile**. Early flowering annual producing large sprays of rich blue flowers; excellent for cutting. 24 inches. Pkt., 10c; ¼ oz., 25c.

369B **Firmament**. Dwarf, bright, indigo-blue. 15 inches. Pkt., 10c; ½ oz., 25c.

## Cypress Vine

A popular climbing vine, with fernlike foliage, bearing small, star-shaped, rose, scarlet, or white flowers. Half-hardy annual. 10 to 12 feet.

370 **Mixed Colors**. Pkt., 10c; ¼ oz., 60c.



Coleus



*Giant Imperial Delphiniums*

### Annual African Daisy

**376 African Golden** (*Dimorphotheca aurantiaca*). Beautiful showy annuals about 1 foot tall with gorgeous Daisy-like blooms during summer and fall. Flowers are excellent for cutting.

Pkt., 10c; 1/8 oz., 40c.

**379 Selected Hybrids Mixed.**

Pkt., 10c; 1/8 oz., 35c.

### Datura

(*Trumpet Flower*)

Strong growing, ornamental annual shrubs. Flowers trumpet-shaped, large and fragrant.

**383 Double Finest Mixed.**

Pkt., 10c.

### Didiscus

**420 Coeruleus** (Blue Lace Flower). An attractive annual, blooming from July until frost. The flowers are pale lavender and are valuable for cutting.

Pkt., 10c; 1/8 oz., 25c.

**420A Lace Veil.** Pure paper white, early long stemmed, 2 1/4-ft. plants.

Cannot supply.

### Dolichos

(*Hyacinth Bean*)

A rapid growing hardy annual climber, bearing all summer, clusters of white or purplish blue flowers, followed by ornamental seed pods. 10 feet.

**433 Tall Mixed Colors.** White and purple.

Pkt., 10c; 1/4 oz., 20c.

### Dracaena

(*Dragon Plant*)

**434 Indivisa.** Beautiful ornamental leaved plants; long, narrow, green foliage; indispensable for vases and house decoration.

Pkt., 10c; 1/8 oz., 20c; 1/4 oz., 35c.

### Delphinium

(*Larkspur*)

Showy, hardy annuals bearing long spikes of lovely colored flowers. 3 to 4 feet.

**385 Dwarf Double Hyacinth-Flowered, Choice Mixed.**

Pkt., 10c; 1/8 oz., 25c.

#### TALL DOUBLE STOCK FLOWERED

**387 Carmine** 389 Light Blue

**388 Dark Blue** 390 White

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 75c.

**391 Tall Double Stock Flowered.** Mixed colors. A superior strain. 4 feet.

Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c; oz., 75c.

**391A Giant Imperial Lilac King.** Rich lilac, fully double, closely spaced florets.

Pkt., 10c; 1/8 oz., 25c.

**391B Regal Patriotic Mixture.** Red, white and blue.

Pkt., 10c.

**392 Giant Imperial, Carmine King.** (New.) Deep carmine-rose.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 75c.

**392A Giant Imperial, Miss California.** Rich, deep pink on salmon ground. 4 ft.

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c; 1/2 oz., 75c.

**392B Giant Imperial, Blue Bell.**

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.

**392C Giant Imperial, Blue Spire.** Very deep violet-blue.

Pkt., 10c; 1/8 oz., 25c.

**392D Giant Imperial Finest Mixed.**

Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.

### Dianthus

(*Pinks*)

Hardy biennials, blooming the first year from seed. Plant 6 inches apart. Height 1 foot.

**388 Laciniatus, Single Gaiety.** Large lacy flowers in a brilliant range of colors.

Pkt., 10c; 1/8 oz., 35c.

**399 Heddewigi Double** (D. Heddewigi fl.-pl.). Japan Pinks. Very large, double flowers of a wide range of color.

Pkt., 10c; 1/4 oz., 35c.

**400 Single Mixed.** Large single flowers, varied colorings.

Pkt., 10c; 1/4 oz., 35c.

**406 Laciniatus Double Mixed Colors.**

Pkt., 10c; 1/4 oz., 40c.

**408 Tetraploid Heddensis.** Finest Mixed. Entirely new variety combining the large flowers of Heddewigi with the long-stemmed habit of Chinensis. 2-in. flowers on 16-in. stems, suitable for cutting.

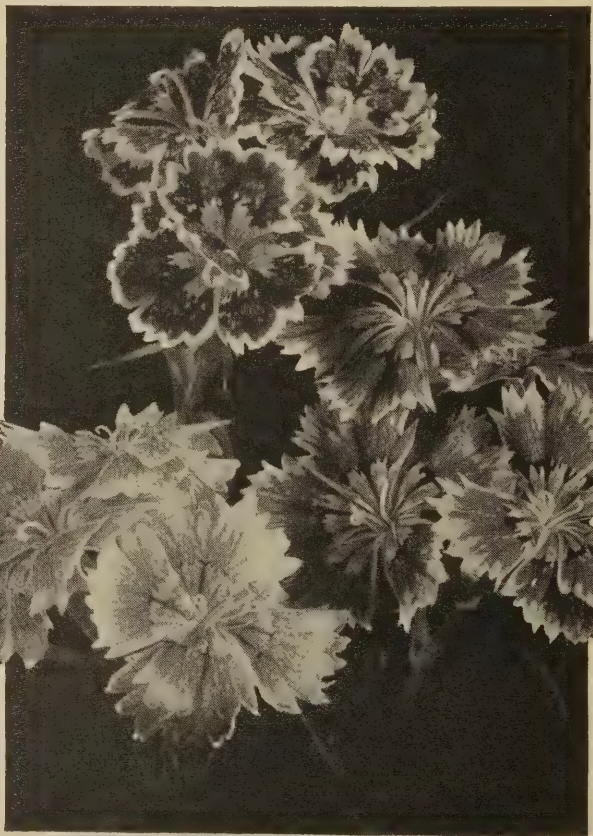
Pkt., 10c; 1/8 oz., 40c.

**415 Worcester Mixed.** All the above and other choice strains. Unsurpassed.

Pkt., 10c; 1/4 oz., 30c; oz., \$1.00.

**419 Sweet Wivelsfield.** The growth is like Sweet William but the flowers are large and have a much wider range of colors.

Pkt., 10c; 1/8 oz., 40c.



*Dianthus, Sweet Wivelsfield*



*Godetia, Satin Flower*

## Four O'Clock

(*Marvel of Peru*)

A well-known favorite plant, bearing freely white, red and striped flowers, which open about four o'clock in the afternoon. 2 feet.

465 Mixed Colors.

Pkt., 10c; ½ oz., 20c; oz., 35c.

**FOXGLOVE.** See Digitalis, page 52.

## Gaillardia

(*Blanket Flower*)

### ANNUAL VARIETIES

Very showy, free-blooming, hardy plants of easy culture. Seed germinate very slowly and should be sown in the house in March. Fine for cutting. 2 feet.

470 *Picta*. Single; mixed colors.

Pkt., 10c.

471 *Picta*. Double; mixed colors.

Pkt., 10c; ½ oz., 35c.

## Geranium

Well known, half-hardy, greenhouse perennials. When sown in the fall or early winter will produce flowers in June, while sown in March, plants will not bloom until September, and sown in the open ground in May or June, plants will bloom in midwinter.

485 *Zonale* (Fish or Horseshoe Geranium). Saved from largest and finest varieties.

Pkt., 15c.

## Gerbera

(*Transvaal Daisy*)

485A *Giant Hybrids Mixed*.

Pkt., 25c.

## Gilia

Bushy plants, of erect habit with fine feathery foliage. May be used as everlastings, retaining their color when dried; fine for cutting.

487A *Capitata* (Thimble Flower). 2 feet. Rich lavender-blue flowers, 1 inch across.

Pkt., 10c; ¼ oz., 25c.

## Eschscholtzia

(*California Poppy*)

A very showy hardy annual, with finely cut, glaucous foliage, bearing Poppy-like flowers of bright colors. Of easy culture. Sow as early as soil can be worked, where plants are to remain, as they do not bear transplanting well. 1 foot.

439 *Californica*. Orange. Pkt., 10c; ½ oz., 35c.

442 *Mixed colors*. Pkt., 10c; ½ oz., 30c; oz., 50c.

443 *Ramona Hybrids*. Finest mixed. A new compact strain with flowers beautifully frilled and incurved, a bright mixture.

Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

## Euphorbia

Ornamental foliage plant; easily grown from seed. Striking and effective appearance. Hardy annual.

452 *Variiegata* (Snow-on-the-Mountain). Foliage veined and margined with white. 2 feet.

Pkt., 10c; ¼ oz., 25c.

453 *Heterophylla* (Fire-on-the-Mountain). A variety of Poinsettia which grows to a height of 2½ to 3 feet. About the middle of summer the top central leaves turn rich orange-scarlet.

Pkt., 10c; ¼ oz., 35c.



*Eschscholtzia (California Poppy)*

## Gomphrena

(*Globe Amaranth*)

488 *Mixed Colors*. A tender annual plant, bearing globe-shaped everlasting flowers, often used, when dried, in winter bouquets. 1½ feet.

Pkt., 10c; ¼ oz., 35c.

## Gloxinia

Beautiful Greenhouse Perennial

Large bell-shaped flowers borne in clusters above velvety foliage.

489 *Giant-Flowered Finest Mixed*. A mixture of all classes unrivaled in richness of color.

Pkt., 25c.

## Godetia or Satin Flower (Annual)

Showy garden annuals, they are of compact growth, about 1 foot high, bearing flowers 3 to 4 inches across.

490 *Tall Double Mixed Colors*. Includes all varieties and the latest introductions.

Pkt., 10c; ¼ oz., 35c.



*Gilia*

## Gourds Are Popular

Ornamental, tender climbers. 10 to 20 feet.

493 *Miniature*. Very small, round white, striped green.

Pkt., 10c; ¼ oz., 30c.

494 *Large Siphon or Dipper*. Club-shaped, light green.

Pkt., 10c; ¼ oz., 30c.

495 *Large Bottle*. Light green.

Pkt., 10c; ¼ oz., 30c.

496 *Small Wartyed*. Warty fruits of various shapes, white or orange.

Pkt., 10c; ¼ oz., 30c.

498 *Large Varieties Mixed*.

Pkt., 10c; ½ oz., 30c.

500 *Mixed Varieties*. Small sorts.

Pkt., 10c; ½ oz., 30c.

## Gypsophila

(*Baby's Breath*)

Flowers very small, borne in loose, graceful panicles. Very largely used in bouquets with other cut flowers.

501 *Elegans Deep Rose*. H.A.

Pkt., 10c; ½ oz., 25c.

503 *Repens (Creeping Baby's Breath)*. Rose.

Pkt., 10c.

503A *Repens*. White.

Pkt., 10c.

505 *Elegans Grandiflora Alba*. Covent Garden Improved. Greatly improved strain, unusually large white flowers of fine substance. Excellent florist stock.

Pkt., 10c; ½ oz., 25c; oz., 40c.

## Grevillea

507 *Robusta* (Silk Oak). The graceful evergreen, fernlike foliage combines admirably with palms and other massive-leaved plants. Excellent for table decorations.

Pkt., 10c

## Helichrysum

(*Strawflower*; *Everlasting*)

One of the best everlasting flowers and an effective bedding plant. If flowers are desired for winter use, they should be cut just as the buds are opening. Hardy annual. 2 feet.

**515 Double Mixed Colors** (H. mon-strosium fl.-pl.). Largest double flow-ers. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

## Heliotrope

A well-known favorite largely grown in pots, but thriving in the open border.

**518 Mixed Colors.** Dark varieties mixed. Pkt., 10c; ½ oz., 50c.

**519 Lemoine's Giant Mixture.** 24 to 30 ins. Large flower heads in blue, lavender and violet shades.

Pkt., 10c; ½ oz., 60c.

**520 Regale Dwarf Mixed.** Extra large lavender-violet flower heads. 15 ins. Pkt., 15c; ½ oz., 75c.

## Hollyhock

**533 Indian Spring.** (New Annual.) Blooms in less than five months after seed is sown and blooms continuously until frost. Bright rose and rosy carmine. Semi-double 4 to 5 feet.

Pkt., 10c; ½ oz., 35c.

**534 Semi-Double, Annual Finest Mixed.** A new strain, blooming the first season from seed.

Pkt., 10c; ½ oz., 25c.

## Humulus

(*Hop*)

Rapid-growing climbers with attractive foliage. The Japanese variety is a hardy annual, the best for quickly covering unsightly objects.

**537 Japonicus** (Japanese Hop).

Pkt., 10c; ¼ oz., 25c.

**538 Japonicus, Variegated Foliage.**

Pkt., 10c; ¼ oz., 30c.

## Hunnemannia

**540 Fumariaefolia** (Giant Tall Poppy or Bush Eschscholtzia). A yellow Poppy, pleasing both in the border and as a cut flower.

Pkt., 10c; ¼ oz., 40c; ½ oz., 75c.

**541 Sunlite.** Gorgeous semi-double, clear canary-yellow blooms, with extra band of petals outside. Foliage is a light gray-green.

Pkt., 10c; ½ oz., 30c; ¼ oz., 50c.



*Helichrysum (Strawflower)*

## Ice Plant (*Mesembryanthemum*)

**546 Crystallinum.** A trailing plant, with succulent stems and leaves. Excellent for hanging baskets and rock-work. Tender annual. 9 inches.

Pkt., 10c; ½ oz., 25c.

**545 Criniflorum** (Livingstone Daisy). A beautiful annual of spreading habit and covered with 1-in. daisy-like flowers. Excellent for rockery and edging. 3 in.

Pkt., 10c; ½ oz., 40c.

## Ipomoea (*Morning Glory*)

Rapid-growing climbers of easiest culture; bloom earlier and more profusely on rather poor soils, but of higher growth and more attractive foliage when grown on rich soil. Tender annuals. 15 to 30 feet.

**547 Crimson Rambler.** Deep crimson, free flowering, rapid grower.

Pkt., 10c; ¼ oz., 30c.

**548 Pearly Gates.** Large lustrous white flowers blending to cream in the throat, making a heavy cascade of flowers on fence, trellis, or garden wall.

Pkt., 15c; ¼ oz., 35c.

**549 Cardinal Climber** (*Ipomoea quamoclit hybrida*). Leaves are dark green, fernlike and deeply lacinated; fiery cardinal-red flowers.

Pkt., 10c; ½ oz., 50c; ¼ oz., 90c.

**550 Bona Nox** (Evening Glory). Beautiful, large, violet-blue flowers; open at night. Rapid growth.

Pkt., 10c.

**551 Blue Star.** Light blue with dark blue ribs to form a star; very early.

Pkt., 10c; ¼ oz., 35c.

**551A Darling.** Brilliant rose-cerise with pure white throat, large 4-inch flowers.

Pkt., 10c; ½ oz., 35c.

**552 Rose Marie.** Double early flowering, clear deep rose.

Pkt., 10c.

**553 Heavenly Blue.** Clark's Earliest. (*Rubra coerulea*). Deep sky-blue flowers, 4 to 5 inches across. Early flowering.

Pkt., 10c; ¼ oz., 35c.

## Lantana

**562 Hybrida Finest Mixed.** Shrubby, with many clusters of dainty flowers in yellow, orange, red, and pink. 18 inches. All summer. Fine for potting.

Pkt., 10c; ½ oz., 35c.

## Lavatera Trimestris

Beautiful and effective hardy annual, covered during the entire summer with pretty and showy blossoms.

**576 Splendens Loveliness.** Bright carmine-rose, bronze foliage.

Pkt., 10c; ¼ oz., 30c.

**577 Alba.** Pure white.

Pkt., 10c; ¼ oz., 25c.

## Linaria

**579 Northern Nights.** (Baby Snapdragon.) Plants grow 15 in. high, bushy but erect and are best grown from broadcast seed. Bloom very quickly from seed when spring sown.

Pkt., 10c; ½ oz., 35c.

## Linum

(*Crimson Flax*)

**580 Grandiflorum Rubrum.** The rich crimson flowers last only a day, but are borne continuously until frost. 15 to 18 inches.

Pkt., 10c; ¼ oz., 25c.

## Lobelia

Pretty little plants of easy culture, blooming profusely from June until frost. The dwarf varieties are useful for bedding and edging, the trailing variety is excellent for hanging baskets, vases and rock work. Half-hardy annuals.

**585 Crystal Palace Compacta.** Rich blue flowers, dark foliage.

Pkt., 10c; ½ oz., 50c.

**586 Mrs. Clibran.** Extra dwarf. Dark blue, large white eye.

Pkt., 10c; 1/16 oz., 40c.

**587 Hybrida Pendula, Sapphire.** Dark blue with white eye. Trailing.

Pkt., 10c; ½ oz., 50c.

## Lunaria

(*Honesty*)

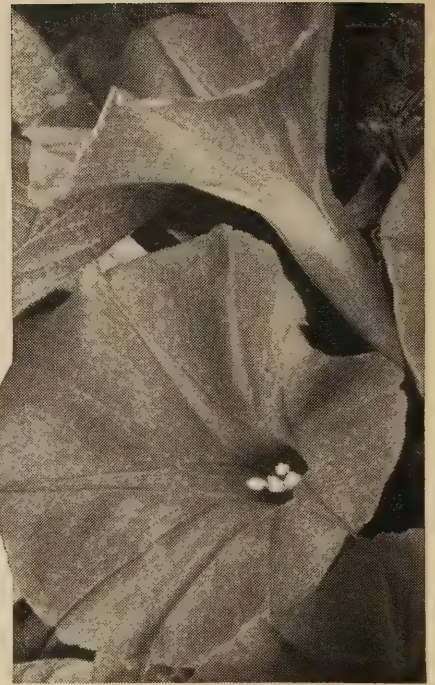
**589 Biennis.** Hardy biennial, but grown as annuals, admired for their silvery, papery seed pods, which are used for house ornaments. 3 feet.

Pkt., 10c; ½ oz., 25c.

## Lupin

**590 Annual Varieties, Mixed.** Easily grown plants. Long, graceful spikes of pea-shaped flowers of various colors. 2 feet.

Pkt., 10c; ¼ oz., 30c; ½ oz., 50c.



*Morning Glory, Scarlett O'Hara*

**554 Scarlett O'Hara.** Rich dark wine-red, freely produced on fast growing vines, which start blooming within 65 days after seed is sown.

Pkt., 10c; ¼ oz., 40c.

## Christmas Cherry (*Solanum*)

**555 Christmas Cherry, Patterson.** Compact strain with medium sized round red fruit.

Pkt., 10c; ½ oz., 60c.

## Kochia

**556 Childsi** (Summer Cypress.) A very quick-growing annual. Through the summer this is bright green, but commences in early fall to gradually take on a red tinge, becoming entirely red before it dies. 2½ feet.

Pkt., 10c; ¼ oz., 20c.



Harmony

# Marigolds

Favorite annual plant, blooming the entire summer; easily cultivated. The African varieties bear large yellow or orange flowers and the plants are usually tall. The French type is of dwarf habit and flowers are striped. Hardy annual, 1 to 3 feet.

**596 Dwarf Gigantic** (Gypsy Jewels). Sweet scented flowers 4 to 4½ inches in diameter on 12- to 15-inch plants. A wide range of brilliant shades.

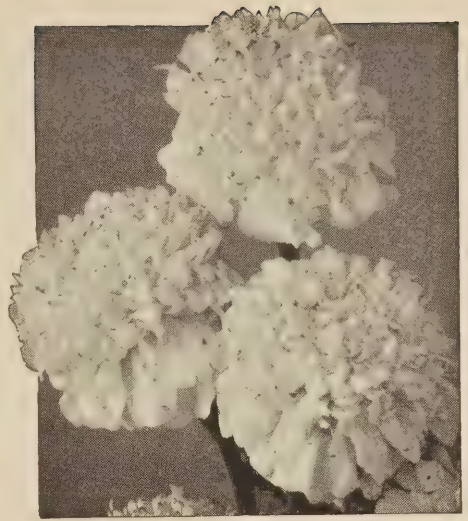
Pkt., 10c; ⅛ oz., 30c.

**597 Dwarf Double Butterball.** (Harmony Type.) Soft butter-yellow; crested centers, tubular petals, each carrying a touch of maroon at the tip.

Pkt., 10c; ⅛ oz., 35c.

**598 Mission Giant Goldsmith.** Rich golden orange flowers 4 to 5 inches in diameter. Height 18 inches.

Pkt., 10c; ⅛ oz., 35c.



Dwarf Double Butterball

**599 Scarlet Glow.** (Dwarf Double French.) Deep scarlet flowers turning to rich tangerine. Height 10 inches.

Pkt., 10c; ⅛ oz., 35c.

**600 Yellow Supreme.** 2 to 2½ feet. Tall, bearing loosely ruffled creamy lemon-yellow Carnation-flowered blossoms.

Pkt., 10c; ⅛ oz., 25c.

**600A Real Gold.** The finest Carnation-Flowered offered today in this color, and a fitting replacement for Guinea Gold. Largest in its class, bearing 4- to 5-inch light gold loose-petaled flowers of fine doubleness. Plant 18 to 20 inches high, extremely uniform.

Pkt., 10c; ⅛ oz., 35c.

**601 Lemon "All Double."**

Pkt., 10c; ⅛ oz., 35c.

**601A Orange "All Double."**

Pkt., 10c; ⅛ oz., 35c.

**602 Gigantea, Sunset Giants.** A remarkable new sweet scented, robust growing, extremely large flowered type; ideal for show purposes, florists, and garden decoration.

Pkt., 10c; ⅛ oz., 35c.

**603 African Double Mixed.** All shades of the African type.

Pkt., 10c; ¼ oz., 25c; ½ oz., 40c; oz., 75c.

**604 Spanish Flag Finest Mixed.** Blended mixture of only the modern dwarf single Marigolds in red, yellow and bicolor.

Pkt., 10c; ⅛ oz., 40c.

**604A Red Head.** (French Dwarf Single.) Mahogany to bronze 2-inch flowers crested gold; plants 14 to 16 inches.

Pkt., 10c; ⅛ oz., 40c.

**604B Glitters.** (Chrysanthemum Flowered.) (New.) Fluffy 3 in. incurved canary-yellow flowers. Early flowering. Bushy erect plants.

Pkt., 15c; ⅛ oz., 65c.

**605 Harmony.** Double Dwarf French. Dwarf compact plants, flowers golden yellow bordered maroon-red, scabious-shaped.

Pkt., 10c; ⅛ oz., 25c.

**605A Naughty Marietta.** French dwarf single. Yellow, 2-inch flowers with mahogany base. 12 inches tall.

Pkt., 10c; ⅛ oz., 35c.

**605B Mammoth Mum.** Flowers are light yellow, a very neat 3½- to 4-inch full crested Chrysanthemum-Flowered type. These flowers are borne on extremely long stems, making Mammoth Mum the most desirable florist's cutting Marigold offered today. Plants reach 2½ to 3 feet, bearing the flowers erect and above the foliage.

Pkt., 10c, ⅛ oz., 60c.

**606 French Dwarf Double, Royal Scot.** Uniformly dwarf, compact plants, fully double, rich mahogany-red and gold striped flowers.

Pkt., 10c; ⅛ oz., 25c.

**607 French Double Mixed.** Shades of yellow and brown. 2 feet.

Pkt., 10c; ¼ oz., 20c.

**608 Lilliput Yellow Pygmy.** Very dwarf bright yellow.

Pkt., 10c; ⅛ oz., 35c.

**608A Cupid.** (Extra Dwarf African Chrysanthemum Flowered.) Cupid is the perfect pot or edging Marigold bearing 2½-in. to 3-in. lemon-yellow flowers in profusion on a compact 8-in. plant.

Pkt., 25c.

**609 French Harmony Type, Spry.** Extra dwarf double. Yellow bordered mahogany.

Pkt., 10c; ⅛ oz., 30c.

**609A Happiness.** (Dwarf Chrysanthemum Flowered.) Extremely early for the African type, 18-in. plants covered with 3 in. bright golden yellow flowers.

Pkt., 15c; ⅛ oz., 50c.

**609B Harmony Hybrids, Dwarf Double.** Wide and varied range of striking color combinations, 1¼-inch flowers with crested center and flanking guard petals; early.

Pkt., 10c; ⅛ oz., 25c.

**609C Flash.** French Dwarf Single Tangerine and Marigold Red. Early. Flowers grow 1¼ inches and more across. The plant is 18 inches tall.

Pkt., 10c; ⅛ oz., 30c.

**SCOTCH MARIGOLD.** See Tagetes, page 48.

## Matricaria

(Feverfew)

**611 Capensis Alba Plenissima.** Double white, 24 inches. Very decorative in beds or borders, fine for cutting. Perennial, but may be treated as annuals.

Pkt., 10c; ⅛ oz., 35c.

**612 Golden Ball.** Dwarf double. Compact bushes 10 inches high covered with tiny Chrysanthemum-like golden yellow flowers.

Pkt., 10c; ⅛ oz., 50c.

## Mignonette

(Reseda Odorata)

A well-known and popular hardy annual, prized for its delightful fragrance. Seeds sown in autumn will bloom in early spring, and when sown the last of July will come into flower in a few weeks and continue until frost.

**614 Bismarck.** Large red flowers, very fragrant. 1 ft.

Pkt., 10c; ⅛ oz., 25c.

**615 Odorata Grandiflora.** Improved, large-flowered, Sweet Mignonette.

Pkt., 10c; ½ oz., 25c; oz., 40c.

**618 Golden Goliath.** Deep golden yellow.

Pkt., 10c; ¼ oz., 25c.

**619 Machet Improved.** Large thick spikes of reddish cast, of dwarf habit, dark foliage; best for pots.

Pkt., 10c; ¼ oz., 25c.

**620 Machet White Pearl.** Best white.

Pkt., 10c; ¼ oz., 25c; oz., 75c.

**621 New York Market.** Long-stemmed reddish spikes.

Pkt., 10c; ⅛ oz., 30c.

**625 Mixed Varieties.** The above and other varieties.

Pkt., 10c; ¼ oz., 20c; oz., 60c.

**MORNING GLORY, DWARF.** See Convolvulus minor.

## Matthiola Bicornis

(Night-Scented Stock)

**610.** A hardy annual with rosy lavender flowers, giving forth a delightful fragrance—especially toward evening. 1 foot.

Pkt., 10c; ¼ oz., 30c.

## Moonflower

(Ipomoea)

**635 Grandiflora Alba** (Ipomoea noctiflora). Rapid-growing variety reaching height of 30 feet. Large white flowers open in evening and on cloudy days.

Pkt., 10c; ½ oz., 35c.

**635B Giant Pink Moonflower.** Color, soft lilac-pink. Vines are of rapid growth with large leaves. Blooms very profusely.

Pkt., 10c; ½ oz., 40c.

**MUSK PLANT.** See Mimulus.

**MOURNING BRIDE.** See Scabiosa.

## Morning Glory

(Convolvulus Major)

A well-known vine of easiest culture. Hardy annual. 10 feet.

**636 Mixed Colors.**

Pkt., 10c; ½ oz., 30c; oz., 50c.

**637 Imperialis Mixed Morning Glory.** Larger than the common type, the range of colorings much greater. 8 feet.

Pkt., 10c; ½ oz., 25c; oz., 40c.

**IPOMOEAE.** See page 40.



## Ross' Colorful Nasturtiums

No other annual plant combines in so great degree ease of culture, profusion of bloom and grace and beauty of flowers, as the Nasturtium.

### Semi-Dwarf Nasturtium Double Sweet Scented

**708 Gleam Hybrids.** The Hybrids are a collection of gorgeously colored large, well-formed flowers of dazzling beauty. Pkt., 10c; oz., 30c.

**709 Scarlet Gleam.** The flowers are a fiery orange-scarlet. The individual blooms are of immense size, almost 3 inches across, much larger than any Nasturtium ever known. Pkt., 10c; oz., 30c.

**710 Golden Gleam.** Large golden flowers average 2½ to 3 inches across. They are borne on erect, stiff stems 6 inches long. The flowers stand well above the foliage. Pkt., 10c; oz., 30c.

**711 Moon Gleam.** Light golden cream. Pkt., 10c; oz., 30c.

**712 Orange Gleam.** Golden orange. Pkt., 10c; oz., 30c.

**714 Salmon Gleam.** Golden salmon. Pkt., 10c; oz., 30c.



*Dwarf Golden Nasturtiums*

### Tall Nasturtiums

(*Tropaeolum majus*)

**672 Choice Mixed.** Many varieties; a wide range of colors. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

**673 Special Mixture.** Including dark-leaved varieties. Pkt., 10c; ½ oz., 20c; oz., 30c.

### Worcester Tall Mixed

**705 Worcester Mixed Tall Nasturtiums.** Our own mixture of many varieties; comprises selections from all classes, including the New Variegated-Leaved or Queen, and choice mixtures from different growers.

Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

### Dwarf Semi-Double Nasturtium

#### Sweet Scented

**716 Golden Globe.** Golden yellow. Pkt., 10c; oz., 30c.

**718 Mahogany Gem.** Deep mahogany. Pkt., 10c; oz., 30c.

**722 Ruby Gem.** Bright ruby-red. Pkt., 10c; oz., 30c.

**726 Scarlet Globe.** Scarlet. Pkt., 10c; oz., 30c.

**728 Dwarf Semi-Double Gem Mixture.** Sweet Scented. Dwarf compact gemlike plants, excellent color range.

Pkt., 10c; oz., 30c.

### Dwarf, or Tom Thumb Nasturtium

The dwarf Nasturtium is not surpassed by any other annual plant for bedding, being of the easiest culture, thriving in nearly all soils and blooms profusely.

**742 Finest Mixed.** Dark leaved varieties. Pkt., 10c; ½ oz., 20c; oz., 30c.

**744 Dwarf Double Art Shades.** All pastel. Pkt., 10c; oz., 30c.

**746 Choice Mixed.** While not equal to the Worcester Mixed is of wide range of colors and will give pleasing results. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

### Worcester Mixed Dwarf Nasturtium

**747.** Like the Worcester Tall Mixed, this is of our own preparation and cannot be surpassed in diversity of colors and types; includes all the named varieties of classes here described and other choice mixtures of noted growers.

Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$3.00.

**749 Variegated Leaf or Queen of Tom Thumbs, Mixed.** Shades, light primrose, deep scarlet, crimson and deep orange more or less veined or spotted with other colors.

Pkt., 10c; oz., 30c.



# PETUNIAS *Bloom All Summer*

An attractive and favorite hardy annual. Used for window boxes, beds or borders. They will grow in almost any kind of soil, even the poorest, blooming profusely from early summer until frost.

**811A Blue Bee.** Deep blue. Pkt., 10c; ½ oz., 50c.

**812 Celestial Rose.** Deep rose, compact. Pkt., 10c; ½ oz., 60c.

**813 Radiance.** Cerise-rose. Pkt., 10c; ½ oz., 50c.

**814 Finest Mixed.** A superior mixture. Pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

**814A Silver Blue.** Reselected rich light blue. Pkt., 10c; ½ oz., 50c.

**815 Nana Compacta.** Dwarf compact choice mixture. Pkt., 10c; ½ oz., 60c.

**815A Grandiflora Single Fringed, Theodosia.** Largest fringed rose, gold throat. Pkt., 25c.

**815B English Violet.** Rich purple-violet. Pkt., 10c; ½ oz., 60c.

**815C Fire Chief.** Brilliant scarlet-red. Plants dwarf and compact with long blooming season. Pkt., 25c.

**816 Howard's Star.** Rich shade of maroon, with five-pointed star of white. Very pretty. Pkt., 10c; ½ oz., 50c.

**816A Grandiflora Single Fringed, Dainty Lady.** Delicate yellow. Pkt., 25c.

**816B Little Giants Mixed.** Ruffled Nana Compacta. Medium sized ruffled flowers, plants ball shaped. 12 inches. Pkt., 15c.

**817 Fancy Blotched and Striped, Mixed Colors.** Beautiful marked flowers, carried well above the foliage, of extra dwarf, compact habit. Pkt., 10c; ½ oz., 50c.

**817A Rose of Heaven.** Brilliant rose, dwarf. Pkt., 10c; ½ oz., 60c.

**818 Rosy Morn.** Extra select. A single flower, soft carmine-pink. A profuse bloomer. Pkt., 10c; ½ oz., 60c; ¼ oz., \$1.00.

**818A Large Flowering Single Fringed, White Beauty.** Pkt., 25c.

**819 Setting Sun.** Dwarf rose, very free-flowering. Pkt., 25c.

**820 Dwarf Elk's Pride.** Largest and darkest velvety purple. Pkt., 25c.

**820A Flaming Velvet.** Deep velvety blood-red, about 15 inches in height and the flowers are large and borne in great profusion. Pkt., 10c; ½ oz., 60c.

**820B Fluffy Ruffles.** A mixture of light shades, veined and bicolor combinations. All flowers are finely fringed and so heavily ruffled that they appear double. Pkt., 25c.

**820C Snow Queen.** Large flowers, white. Pkt., 10c; ½ oz., 50c.

**820D Topaz Rose.** A fiery velvety rose slightly suffused with gold. The throat is the color of topaz. Pkt., 10c; ½ oz., 60c.

**821 Miniature Mixed.** Pkt., 10c; 1/16 oz., 40c.

**823 Nana Compacta, Lipstick.** Carmine-rose with just a suggestion of salmon. Lipstick should prove an excellent garden variety especially where some varieties are inclined to fade. Very true to color and habit. Pkt., 25c.

**824 Dwarf Giants of California.** A superb strain. Flowers are of remarkable substance, enormous size and many are beautifully fringed. Pkt., 25c; 1/16 oz., \$4.00.

**825 Double, Large-Flowered, Choice Mixed.** An excellent mixture comprising a large variety of colors, with a good percentage of double flowers. Pkt., 50c.

**826 Balcony, Deep Blue.** Dwarf type for porch or window boxes. Pkt., 10c; 1/16 oz., 40c.

**827 Balcony Rose.** Pkt., 10c; 1/16 oz., 40c.

**828 Balcony White.** Pkt., 10c; 1/16 oz., 40c.

**829 Balcony, Star of California.** Deep velvety violet, shaded crimson, with white star. Pkt., 10c; 1/16 oz., 40c.

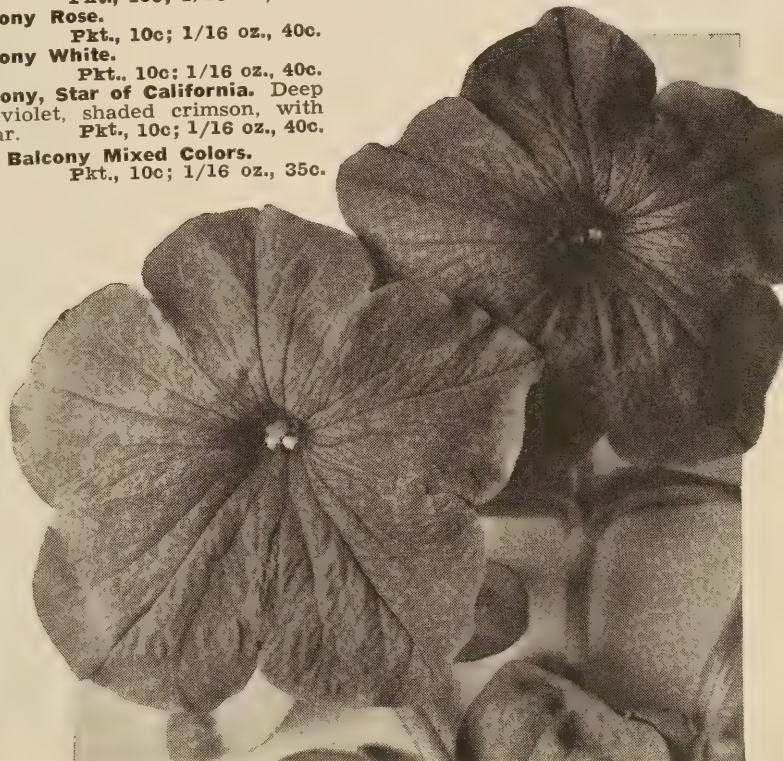
**829A Balcony Mixed Colors.** Pkt., 10c; 1/16 oz., 35c.

**829B Comanche.** Scarlet-red, the deepest red Petunia. Flowers grow 2½ to 3¼ inches across. Plants one foot tall, bushy habit and extremely profuse blooming. Pkg., 50c.

## All Double Petunias

Acknowledged by countless testimonials to be 100 per cent double. Flowers frequently exceed 5 inches in diameter and are exquisitely ruffled and fringed in a vast range of brilliant intermediate colors.

**822 Victorious Dwarf Mixed.** Pkt., \$1.00.



*Petunia, Elk's Pride*

## Nemesia

Long blooming annual with large flowers, varying from creamy white to deep orange and carmine. Most useful for bedding. 1½ feet.

756 **Strumosa Suttoni.**

Pkt., 10c.

## Nemophila

(Baby Blue Eyes)

An attractive hardy annual, bearing cup-shaped flowers about an inch in diameter usually in shades of blue and white, often spotted with brown.

757 **Insignis Blue.**

Pkt., 10c; ¼ oz., 25c.

## Nicandra

757B **Physaloides.** (Shoo Fly Plant). Pale blue. Pkt., 10c.

## Nicotiana

(Flowering Tobacco)

Handsome, effective, half hardy annuals, blooming profusely the entire season and thriving in all soils.

758 **Affinis.** White, starlike flowers, deliciously fragrant, expand fully in the evening. 2 to 3 feet.

Pkt., 10c; ½ oz., 35c.

759 **Daylight Sensation Mixture.** Rich colors. Open all day.

Pkt., 10c, ¼ oz., 75c.

760 **Sanderae Hybrids.** New hybrids, comprising several distinct colors or shades.

Pkt., 10c; ½ oz., 25c.

## Nierembergia

(Dwarf Cup Flower)

760B **Hippomanica.** Lavender-blue flowers on dwarf compact plants, 4 to 6 inches high with a spread of 8 to 10 inches. Half-hardy perennial which will winter over if given some protection.

Pkt., 25c.

## Nigella (Love-in-a-Mist; Lady-in-Green; Devil-in-a-Bush)

The blue or white flowers are half hidden in the abundant finely cut foliage, hence its common names. 1 to 1½ feet.

761 **Double Mixed.**

Pkt., 10c; ¼ oz., 35c.

## Phlox Drummondii

Phlox is one of the easiest and most satisfactory of all the summer-flowering annuals, even in poor or stony soil. Sow seed early in spring in a sunny location.

830 **Mixed Colors.**

Pkt., 10c; ½ oz., 60c.

831 **Large Flowering.** Extra choice. Mixed colors. Our own mixture of the choicest and best strains from different growers.

Pkt., 10c; ½ oz., 60c.

832 **Cecily Mixed.** Large flowered, extra dwarf mixed.

Pkt. 10c; ½ oz., 75c.

833 **Globe Mixed (New).** Uniform and free flowering, perfectly rounded plants with base branching habit. Full color range and showy for bedding.

Pkt., 15c.

841 **Dwarf (P. Drummondii nana compacta).** 6 to 8 inches high. Mixed colors.

Pkt., 10c; ½ oz., 75c.

842 **Gigantea, Art Shades.** A giant-flowered strain in soft pastel shades with large white eye. 8 to 10 inches high.

Pkt., 10c; ½ oz., 75c.

842A **Gigantea, Salmon Glory.** Pure salmon-pink with creamy white eye.

Pkt., 10c; ½ oz., 75c.

843 **Star or Fringed (P. Drummondii cuspidata).** Mixed colors.

Pkt., 10c; ½ oz., 60c.

## Poppy

Well-known hardy plants of quick growth, blooming profusely for a considerable time.

### SINGLE ANNUAL POPPIES

862 **Tulip Poppy (Glaucum).** Large tulip-shaped flowers, deep scarlet.

Pkt., 10c; ¼ oz., 25c.

870 **Shirley.** Single mixed. A lovely strain, delicate and rich shades.

Pkt., 10c; ¼ oz., 20c.

871 **Single Shirley, American Legion.** Brilliant scarlet, white maltese cross.

Pkt., 10c; ¼ oz., 25c.

### DOUBLE ANNUAL POPPIES

880 **Double Begonia-Flowered, Dazzler.** Orange-scarlet.

Pkt., 10c; ¼ oz., 25c.

884 **Double Shirley, Sweet Briar.** Deep rose-pink.

Pkt., 10c; ¼ oz., 30c.

885 **Shirley.** Double mixed.

Pkt., 10c; ¼ oz., 25c.

888 **Worcester Mixed.** Our own mixture of single and double annual varieties. All types and colors.

Pkt., 10c; ¼ oz., 25c; oz., 75c.

**CALIFORNIA POPPY.** See *Eschscholtzia*.

## Primula

(Primrose)

### PRIMULA CHINENSIS

(Chinese Primrose)

A beautiful winter-blossom greenhouse perennial blooming from December to spring.

900 **Choice Mixed.** Comprises the finest fringed varieties.

Pkt., 25c.

902 **Giant Munstead.** Light shades.

Pkt., 25c.

## Portulaca

Well-known tender annuals, blooming profusely all summer. Thrive in most soils and locations, but succeed best in a light, sandy soil and sunny spot, enduring any amount of dry weather.

894 **Double Choice Mixed.** Usually from 50 to 60% of the flowers will come double.

Pkt., 10c; ½ oz., 75c; ¼ oz., \$1.25; ½ oz., \$2.25; oz., \$4.00.

895 **Single Jewel.** Deep carmine, extremely large.

Pkt., 10c; ½ oz., 75c.

899 **Single Mixed.**

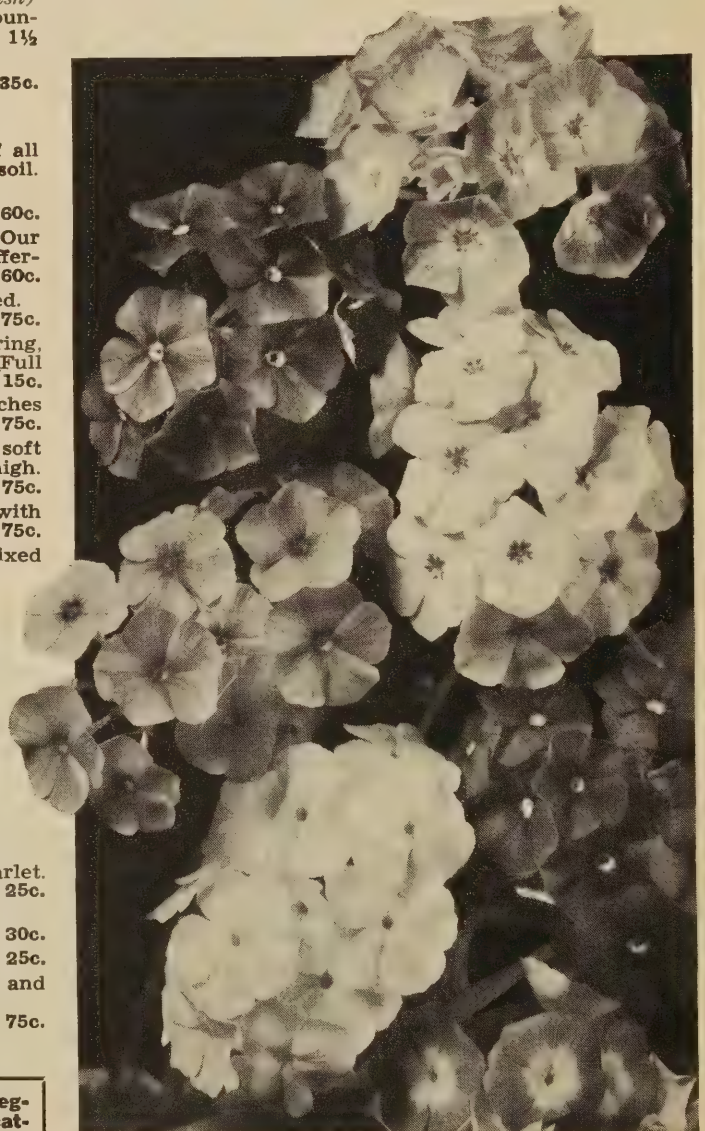
Pkt., 10c; ½ oz., 40c; ¼ oz., 75c.

## Rhodanthe

One of the finest everlasting flowers and an excellent plant for garden decoration. If flowers are gathered before they are fully expanded and dried in the shade they will retain their color for years.

920 **Mixed Colors.** All shades of pink, rose crimson and white.

Pkt., 10c.



*Phlox Drummondii*

We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.



## Rudbeckia

(Coneflower)

To this family belong the favorite plants Golden Glow and Black-Eyed Susan.

923 **Hirta Hybrids.** Dark bronze to yellow. Pkt., 10c.

924 **My Joy.** Giant Black-Eyed Susan. Large orange-yellow flowers, dark cone. Pkt., 10c; 1/8 oz., 35c.

## Salpiglossis

(Velvet Flower; Painted Tongue)

Graceful, half-hardy annual, blooming from August to October. Seed may be sown in the house the last of March or in the open ground in May. Two feet.

928 **Grandiflora.** Choicest mixed. Extra large flowered strain. Pkt., 10c; 1/8 oz., 30c.

929 **Emperor.** Mixed colors. New type with one thick leading stem, flowers large and distinct in their beautiful veinings of gold. Pkt., 10c; 1/8 oz., 30c.

## Salvia

(Scarlet Sage)

A mass of bloom from late summer until killed by frost; tender perennial, treated as an annual. Seed should be sown early indoors, or in hotbed and the plants set out when the weather has become warm.

933 **Firebrand.** (Early Harbinger.) Between Blaze of Fire and America in earliness of flowering, bluish green foliage. 18 inches high. Pkt., 15c.

934 **America** (Globe of Fire). Succeeds Firebrand in flowering. Medium late type. 16 inches. Pkt., 10c; 1/8 oz., 90c.

935 **Splendens Grandiflora.** The well-known Scarlet Sage. 2 feet. Pkt., 10c; 1/8 oz., 75c.

936 **Bonfire** (Clara Bedman). Compact, bushy growth. Blooms earlier and more profusely. Intense scarlet. 2 feet. Pkt., 10c; 1/8 oz., 90c.

937 **Farinacea, Blue Bedder.** Compact deep blue. 3 feet. Pkt., 10c; 1/8 oz., 80c.

938 **Zurich.** Dwarf, compact, brilliant scarlet flowers blooming in July. 12 inches. Pkt., 10c; 1/8 oz., 90c.

## Sanvitalia

940. Double; fine for bedding, borders or rockeries. The flowers are bright yellow. Pkt., 10c; 1/8 oz., 25c.

## Scabiosa

(Mourning Bride)

The flowers are large and double, with a great variety of colors. Of easy culture and blooms freely from July until hard frost. Hardy annual. 2 1/2 feet.

941 **Imperial Giants, Blue Moon.** Extremely large, well-formed flowers with fully double, broad frilly petals, rounded beehive shape. Pkt., 10c; 1/4 oz., 40c.

941A **Heavenly Blue.** About 18 inches tall, free-flowering, with fully double 1 1/2-inch flowers. Very early, azure-blue, distinct. Pkt., 10c.

942 **King of the Blacks.** Large flowered, tall double, red-dish black. Pkt., 10c; 1/4 oz., 35c.

943 **Rosette.** Large-flowered, tall, double. Deep rose, heavily suffused with salmon. Pkt., 10c; 1/4 oz., 35c.

944 **Shasta.** Large flowered, tall double. Pure white, very large. Pkt., 10c; 1/4 oz., 35c.

945 **Large-Flowered.** Mixed colors. Fine, large double flowers in a wide range of colors. Pkt., 10c; 1/4 oz., 35c.

**SCARLET RUNNER.** See Beans—Ornamental Varieties.

## Schizanthus

(Butterfly, or Fringe Flower)

Showy half-hardy annuals, very decorative for garden beds and unsurpassed in pots for the conservatory.

948 **Grandiflorus Hybrids.** Very fine varieties. Pkt., 10c; 1/8 oz., 60c.

949 **Wisetonensis.** Containing the most beautiful shades of white, pink, rose and crimson. Excellent for pot culture. Pkt., 10c; 1/8 oz., 50c.

## Sensitive Plant

(Mimosa Pudica)

950 **Pudica.** Globular heads of small pink flowers. Tender annual. 1 1/2 feet. Pkt., 10c.

**SNAPDRAGON.** See Antirrhinum.



Large Flowered Scabiosa, Mixed Colors

## Smilax

955. A climbing plant, unsurpassed for its graceful foliage and orange blossom fragrance of its flowers. Pkt., 10c.

## Statice

Beautiful everlasting with spreading panicles of tube-like flowers that are decorative either in the garden or when cut.

956 **Suworowi Pink.** Pkt., 10c; 1/8 oz., 30c.

956A **Sinuata Blue.** Pkt., 10c; 1/4 oz., 25c.

956B **Sinuata Yellow (Bonduelli)** Pkt., 10c; 1/4 oz., 25c.

956C **Sinuata White.** Pkt., 10c; 1/4 oz., 25c.

956D **Sinuata, Choice Mixed.** Pkt., 10c; 1/4 oz., 25c.

## Sweet William

1310 **Annual Finest Mixed.** Pkt., 10c; 1/8 oz., 25c.

## Stock

(Gilliflower)

One of the most popular annuals, remarkable for its profusion of bloom, brilliancy and diversity of colors and lasting quality of its flowers.

957 **Beauty of Nice.** Mammoth flowering. Delicate flesh-pink, extra large spike. Pkt., 10c; 1/8 oz., 50c.

958 **Mont Blanc.** Purest white. Pkt., 10c; 1/16 oz., 25c.

959 **Monte Carlo.** Canary-yellow. Pkt., 10c; 1/16 oz., 25c.

961 **Summer Night.** Rich deep blue. Pkt., 10c; 1/16 oz., 25c.

## Perpetual Branching (Giant Perfection)

(Cut-and-Come-Again)

A perpetual blooming class of branching habit; double fragrant flowers. 2 feet.

967 **Choicest Mixed.** Pkt., 10c; 1/16 oz., 25c; 1/8 oz., 40c.

971 **Large-Flowered Double Ten Weeks Mixed.** Seeds grown in the open ground instead of in pots, therefore cheaper. A good range of colors. 1 1/2 feet. Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.

972 **Double Early Giant Imperial Mixed.** (Imp. Bismarck.) Pkt., 10c; 1/8 oz., 40c.

## DOUBLE GIANT COLUMN

Immense fully double close-spaced flowers, one 2-ft. to 2 1/2-ft. spike per plant. This is a strictly non-branching strain.

972A **Mixed Colors.** Pkt., 25c.

# Exquisite Sweet Peas

of Unequaled  
Beauty and Fragrance

## Spring Flowering Cuthbertson Sweet Peas

A new type of Sweet Peas characterized by its excellent heat resistance. Comes into bloom midway between Early and Late Spencers, and continues much longer, even in hot weather. Flowers are plainer than the Spencer type, but large and with good stems.

**Frank G.** Clear lavender.  
**Evelyn.** Salmon-cream-pink.  
**Janet.** White, black seeded.  
**Kenneth.** Crimson.

**Lois.** Clear rose-pink.  
**Tommy.** Clear marine-blue.  
**Finest Mixed**

Each of the above: Pkt., 10c; ½ oz., 30c; oz., 50c.



Spencer Sweet Peas, Prince of Orange

## LEADING SPENCER VARIETIES

All uniform price except where noted.  
Pkt., 10c; ½ oz., 25c; oz., 40c;  
¼ lb., \$1.25, postpaid.

### Multi-Color Shades

**Station Master.** Salmon-pink, flushed rosy cerise.

**Sunkist.** Cream with picotee edge of rose.

**Youth.** White, edged rose-pink.

### Blue Shades

**The Admiral.** Dark violet-blue

**Capri.** Clear silver-blue, long stems, vigorous grower.

**Flagship.** Deep navy-blue.

### Cream and Primrose Shades

**Ruffled Primrose.**

**Mary Pickford.** Dainty cream-pink-salmon.

**What Joy.** Deep rich cream.

### Salmon and Orange Shades

**Patricia Unwin.** Salmon-pink suffused gold.

**Prince of Orange.** Deep rich orange.

**Gold Crest.** Orange, overlaid with a salmon sheen.

### Crimson-Scarlet Shades

**Crimson King.** Rich, deep crimson.

**Mollie.** Cerise, with touch of orange.

**Red Boy.** Pure rich crimson, long stems, vigorous.

**Rubicund.** Dazzling crimson-scarlet, extra long stems.

**Ruffled Crimson.** Rich velvety crimson.

### Lavender and Purple Shades

**Ambition.** Rosy lavender, extra long stems.

**Austin Frederick Improved.** A large rosy lavender.

**Highlander.** Large-flowered clear lavender.

**Royal Purple.** A rich purple.

### Maroon and Chocolate Shades

**Loch Lomond.** Mahogany.

**Black Diamond.** Dark maroon.

### Pink Shades

**Bonnie Briar.** Large, rose-pink.

**Fluffy Ruffles.** Light cream-pink.

**Miss California.** Salmon-pink.

**Pinkie.** Large, rose-pink.

**Floradale.** Rich salmon-pink on cream ground.

**Melody.** Golden salmon-pink on cream ground.

### White Shades

**Gigantic.** Large pure white. Long stemmed.

**Bridal Veil.** Pure white, black seeded.

**King White.** Large pure white. White seeded.

**Ruffled White.** Pure white seeded, long stems.

**Snow White.** A solid paper-white throwing immense flowers.

**Fantasy Mixed or Improved Striped.** The new English strain attracting much attention.  
Pkt., 15c.



*Shirley Temple*

## Early Flowering SWEET PEAS

**American Beauty.** Rich crimson-rose on white ground.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Ball's Orange.** Rich orange.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Ball's Rose Imp.** Rich deep rose, suffused with salmon-pink.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Boy Blue.** Large dark blue.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Bridesmaid.** Deep silvery pink on white ground.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Coquette.** Coral-pink shaded amber and salmon.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Giant Rose.** Extremely large rose-pink.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Harmony.** Beautiful clear lavender.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Kate Smith.** Scarlet suffused rose, long stemmed large flowers.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Jeanne Mamitsch.** Bright rich pink.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Laddie Imp.** Giant rose-pink, long stems.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Memory.** Clear rosy lavender, large wavy flowers.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Mrs. Herbert Hoover.** Clear deep blue. "California Blue."

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Shirley Temple.** Large, soft pink, frilled. Long stems.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Snow Queen.** (New.) Pure white, black seeded, opens and retains pure white color.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Snowstorm Imp.** Large pure white seeded.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Vulcan.** The most vivid scarlet. Sun-proof.

Pkt., 10c; ½ oz., 30c; oz., 50c.

**Mixed Colors**

Pkt., 10c; ½ oz., 25c; oz., 40c.

### No. 1295 Rainbow Assortment of Our Best Mixed Sweet Peas

SPENCER VARIETIES

The varieties consist of Giant and Orchid-Flowered, both Spencer Unwin types and many other unnamed Spencers.

Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

### No. 1296 Blue Ribbon Assortment of Choice Mixed Spencer Sweet Peas

Containing the new Orchid-Flowering and Eckford's Large-Flowering Hybrids in great variety with other older types of known popularity.

Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.



## Sunflower

(*Helianthus*)

The Sunflower grows well in all soils if fully exposed to the sun. The taller varieties make excellent background to other plants.

975 **Cucumerifolius.** (Miniature Sunflower.) Small single flower, rich yellow. 4 feet. Pkt., 10c; ½ oz., 35c.

976 **Sun Gold.** (Globe shaped.) Flower large, double, of a brilliant golden yellow. Pkt., 10c; ½ oz., 35c.

977 **Tall Red Sunflower.** The new Red Sunflower is easily grown from seed the same as all of the *Helianthus* family.

Pkt., 10c; ½ oz., 30c.

980 **Excelsior Hybrids.** Bronze, brown, and red shades, zoned. 5 ft. Pkt., 10c; ¼ oz., 25c.

984 **Double Chrysanthemum-Flowered.** Flowers larger than the preceding; full and double. Orange-yellow. 5 feet. Pkt., 10c; ½ oz., 35c.

986 **Russian Mammoth.** Very large. 7 to 9 feet. Oz. pkt., 10c.

## Tagetes

(*Scotch Marigold*)

1312 **Signata Pumila, Little Giant.** 6 to 8 inches. A bright yellow color. Pkt., 10c; ½ oz., 25c; ¼ oz., 40c.

## Thunbergia

1315 **Mixed.** An annual vine, growing about 4 feet high, bearing medium-sized flowers, white, buff or orange, with dark eye. Largely used in hanging baskets or window boxes.

Pkt., 10c; ¼ oz., 35c.

## Tithonia

(*Torch Flower*)

1316 **Torch.** A quick growing summer annual that thrives on hot weather. Brilliant orange-scarlet flowers on a compact plant waist high. Early. August until frost. Pkt., 25c

## Torenia

(*Wishbone Flower*)

Rich combination of deep blue with violet blotch on lip.

1316A **Fournieri.** Compact blue. Pkt., 15c.

1316B **Fournieri.** Compact white. Pkt., 15c.

## Of Special Interest to the Kiddies

1386 **Wild Flower Garden Mixture.** A mixture of many free-blooming annuals which, once sown, require little care.

Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., 80c.

1387 **Old-Fashioned Flower Garden Mixture.** This is a mixture of old standard varieties of flower seeds which will give a supply of flowers for cutting throughout the entire season.

Pkt., 10c; ½ oz., 30c; oz., 50c.



## WORCESTER DOLLAR COLLECTION

Annual Chrysanthemum. Mixed colors.

Asters. Worcester mixed.

Balsam. Choice mixed.

Calendula. Choice mixed.

Carnation. Double fine mixed.

Cosmos. Large early flowering.

Helichrysum. Mixed colors.

Nasturtium. Dwarf mixed.

Pansy. Worcester mixed.

Phlox. Finest mixed.

Portulaca. Single mixed.

Salpiglossis. Mixed colors.

Scabiosa. Mixed.

Sweet Alyssum. Little Dorrit.

Verbena. Mixed colors.

15 Packets  
of Lovely  
Annuals  
Anyone Can  
Grow

For  
Only \$1  
Postpaid



Verbenas

## Verbena

Favorite annuals, thriving in nearly all soils. Useful for beds, borders, carpeting ground and vases.

1319 **Mammoth Blue Shades.** Pkt., 10c; ½ oz., 40c.

1321 **Mammoth Mixed Colors.** Best large flowering sorts of many colors. Pkt., 10c; ⅓ oz., 35c; ¼ oz., 60c.

1322 **Scarlet Defiance.** Large trusses of deep, rich scarlet. Pkt., 10c; ½ oz., 35c.

1323 **Mammoth White.** Truss and flowers large, fragrant. Pkt., 10c; ½ oz., 35c.

1324 **Royal Bouquet.** Finest mixed. Upright, large flowers, auricula-eyed, especially good for pot culture. Pkt., 10c.

1325 **Mammoth Mayflower.** Pink. Pkt., 10c; ½ oz., 40c.

1326 **Crimson Glow.** Rich glowing crimson. The plants are semi-compact in habit with foliage of small type. Pkt., 15c.

1327 **Fireball (Nana Compacta).** A dwarf compact Verbena, growing about 6 inches high and covered with bright scarlet blooms. Pkt., 10c.

## 1328 HYBRID COMPACTA TYPE (Edging Verbena)

They are excellent for the annual rock garden in a sunny position, for borders or edgings, or for window boxes or pots. Mixed colors.

Pkt., 10c; ½ oz., 40c.

1329 **Vivid (Hybrida Grandiflora).** Intense scarlet, semi-compact. Pkt., 10c.

## Vinca Rosea

1332 **Choice Mixed.** (Periwinkle). 12 in. high. Pkt., 10c; ½ oz., 35c; ¼ oz., 60c.

## Wallflower

Fine bedding plant, but more often grown as a pot plant. Shades of yellow, brown and reddish brown.

1340 **Single.** Mixed colors. Pkt., 10c.

1341 **Double Branching.** Mixed colors. Pkt., 10c; ⅓ oz., 40c.

1342 **Paris Extra Early.** A new single flowered strain, blooming throughout the season, from spring-sown seed. Colors light brown, brownish red, yellow, and creamy white. Mixed. Pkt., 10c; ½ oz., 40c.

# ROSS' ZINNIAS

*Most Useful of Flowers*



## Lilliput

(Pompon or Baby Zinnias)

The Lilliputs are fast supplanting all other types of Zinnias for cut-flower use. Flowers are small, compact, symmetrical, on strong stems.

1362 Pastel Mixture.

1363 Finest Mixed.

Pkt., 10c; ¼ oz., 30c.

Pkt., 10c; ¼ oz., 30c.

## Fantasy Type

1364 Finest Mixed. Double rounded flowers composed of a mass of shaggy raylike petals. The color range includes the brightest shades of red and orange, as well as the popular pastel pinks and cream.

Pkt., 10c; ¼ oz., 50c.

## Harmony Type (SCABIOUS FLOWERED)

1365 Finest Mixed. Plants 2 to 2½ feet, bearing numerous medium sized flowers resembling the annual Scabiosa.

Pkt., 10c; ¼ oz., 35c.

## Mexican or Miniature

1365A Persian Carpet. (New.) Fully double, ball-shaped flowers of the miniature type in a sparkling range of variegated color combinations with many rich shades as well as gold, bronze and orange. Flowers with cutting stems borne on low, mound-shaped, border and edging plant.

Pkt., 25c; ½ oz., 75c.

## Super Crown O' Gold

1366 Pastel Tints. Flowers are large and showy, 5 to 5½ inches in diameter. Strictly a mixture of pastel tints. The plants are strong and robust, growing about 3 feet tall.

Pkt., 10c; ¼ oz., 35c.

## Zinnia, New Giant Dahlia-Flowered

The plants are of medium height, 2½ to 3 feet tall, very robust, bearing many strong stems of the fully double, huge flowers which resemble the show type of Dahlia.

1367 Will Rogers. Brilliant scarlet-red.

1368 Crimmon Monarch. Deep crimson.

1370 Dream. Deep rosy lavender.

1372 Exquisite. Color light rose, center a deep rose (Tyrian rose).

1374 Oriole. Immense orange and gold bicolor, changing slightly as it ages.

1376 Canary Bird. Rich canary-yellow.

1378 Polar Bear. Large, pure white, the best in Zinnias.

1379 Royal Purple. Rich purple.

Each of the above: Pkt., 15c; ½ oz., 30c;  
¼ oz., 45c.

1380 Special Mixture Gold Medal Strain. A well-blended mixture containing all the above novelties.

Pkt., 15c; ½ oz., 30c; ¼ oz., 50c.

1381 Gaillardia Flowered. Finest mixed (Navajo.) Flowers resemble a Picta Double Gaillardia in both form and colorings.

Pkt., 10c; ½ oz., 25c.

1382 Lilliput Tom Thumb. Mixed. Plants 4 to 6 inches, compact, covered with well-formed flowers of the Lilliput type.

Pkt., 10c; ½ oz., 35c.

The most gorgeous annuals with a wonderful range of color, flowers of velvety texture, extremely double, with long stems and good keeping qualities.

## Giant Cactus Flowered

1349 Burpee Hybrids. Varied mixture of cactus or chrysanthemum-flowered type with gorgeous range of colors and color combinations.

Pkt., 15c; ½ oz., 50c.

## Cupid Zinnias

Dwarf compact little plants bearing quantities of button flowers smaller than Lilliput type. For edgings and pots.

1350 Cupid, Finest Mixed. Pkt., 10c; ¼ oz., 30c.

1350A Linearis. Dwarf early flowering. Single flowers deep golden orange, with delicate light yellow stripe contrasting boldly with the dark center; plants 8 to 10 inches high, spread of as much as 2 feet.

Pkt., 15c; ½ oz., 40c.

## California Giant or

## Mammoth Zinnia

The plants grow from 2½ to 3 feet high and are covered with myriads of densely double flowers, from 4 to 6 inches in diameter.

1351 Mammoth Crimson Queen.

1352 Mammoth Purity White.

1353 Mammoth Scarlet Queen

1354 Mammoth Golden Queen

1355 Mammoth Orange King. Orange-scarlet.

1356 Mammoth Violet Queen. Deep purple.

Each, Pkt., 10c; ¼ oz., 45c.

1358 Mammoth. Mixed colors.

Pkt., 10c; ¼ oz., 50c; oz., \$1.50.

## Early Wonder

Earliest of all Zinnias. Fine for short season locations. Plant 18 inches to 24 inches tall, basal branching, producing 3 to 4-inch flowers on long wiry stems which have no laterals and practically no leaves. Bred for cut flower use.

1359 Finest Mixed. Full range of colors.

Pkt., 10c; ½ oz., 25c.

## Peppermint Stick

Peppermint Stick Zinnia is a development of Striped Zinnias reselected for a wider color range including red and white, red and yellow, pink and white, orange and yellow, and purple and white, medium-sized Pumila-type flowers. One of the best Cut-and-Come-Again Zinnias. An early strain, produces approximately 70% striped flowers.

1359A Finest Mixed.

Pkt., 10c; ½ oz., 35c.

## Pumila, Dwarf Double

(Cut-and-Come-Again)

Bushy plants about 1½ ft. tall. Flowers average about 2½ inches across, well rounded, freely produced on long stems. Ideal for cutting.

1360 Finest Mixed.

Pkt., 10c; ¼ oz., 35c.

## Haageana, Double

(Mexican Zinnias)

Small double flowers are varied and variegated in a wide range of color combinations.

1361 Finest Mixed.

Pkt., 10c; ½ oz., 25c.





"Flowers Have Been Called the Smiles of God"

# HARDY PERENNIALS

## *That Endure for Years*

### **Achillea**

135 **Ptarmica** (The Pearl). Bears clusters of pure white flowers abundantly all summer; fine for cutting; also for cemetery planting. 12 to 18 inches. **Pkt., 10c; 1/16 oz., 50c.**

### **Aconitum**

136 **Napellus** (Monkshood). Large, porcelain-blue hood-shaped flowers; very effective in borders; valuable for cutting. 1½ feet high. **Pkt., 10c.**

### **Adlumia**

140 **Cirrhusa** (Mountain Fringe; Allegheny Vine). A beautiful, hardy, climbing biennial. The feathery foliage resembles that of the Maidenhair Fern. Rapid growth. Small, tube-shaped pink blossoms. Desirable for covering trellises, stumps, etc. 10 to 15 feet. **Pkt., 10c.**

### **Adonis**

146 **Vernalis**. Bright yellow. **Pkt., 10c; 1/8 oz., 60c.**

### **Agrostemma**

Pretty, free-blooming plants of easy culture, especially desirable for dry situations. Excellent for cutting.

161 **Coronaria** (Rose Campion). Red. One of the earliest hardy perennials. 1½ feet. **Pkt., 10c; 1/4 oz., 35c.**

### **Alyssum**

(*Gold Dust*)

170 **Saxatile Compactum**. Hardy, compact growth, producing a mass of golden yellow flowers in April. Height 1 foot. Of easy culture. Excellent for rockeries and borders. **Pkt., 10c; 1/8 oz., 25c.**

### **Ampelopsis**

182 **Veitchi** (Boston Ivy) **Pkt., 10c; 1/2 oz., 35c.**

### **Anchusa**

186 **Dropmore Variety**. This variety yields an abundance of brilliant blue flowers. 4 feet. June and July. **Pkt., 10c; 1/4 oz., 30c.**

### **Anemone**

A very popular, hardy garden perennial.  
188 **Coronaria, French** (De Caen). Fine mixed. 1 foot. **Pkt., 10c.**  
189 **Coronaria, St. Brigid**. An improved strain, bearing larger and more brilliant flowers and remaining in bloom longer. 1 foot. **Pkt., 10c.**

### **Anthemis**

(*Hardy Golden Marguerite*)

A beautiful, hardy perennial; golden yellow, Daisy-like flowers, excellent for cutting. Height 2 feet.  
190 **Kelwayi**. **Pkt., 10c; 1/8 oz., 25c; 1/4 oz., 40c.**

### **Aquilegia**

(*Columbine*)

Beautiful free flowering hardy perennials, blooming throughout the spring and early summer. Of easy cultivation and will thrive in partial shade. 1 to 3 feet.

200 **Single Mixed**. **Pkt., 10c; 1/8 oz., 35c.**

202 **Double Mixed**. **Pkt., 10c; 1/8 oz., 35c.**

204 **Coerulea Hybrida Fl.-Pl.** Long spurred, flowering hybrids in fine colors. **Pkt., 10c; 1/8 oz., 50c.**

205 **Crimson Star**. Bright crimson-white corolla. Long spurred. **Pkt., 25c.**

### **Arabis**

(*Rock Cress*)

208 **Alpina Rosea**. Rose, very dwarf. **Pkt., 10c.**

209 **Alpina, White**. **Pkt., 10c; 1/8 oz., 40c.**

209A **Pumila, Snow Cap**. Compact free flowering. **Pkt., 10c.**

### **Aristolochia**

215 **Elegans** (Dutchman's Pipe). A hardy perennial vine of rapid growth with large, glossy, heart-shaped leaves, bearing curious yellowish brown blossoms, somewhat resembling a pipe. 15 to 20 feet. **Pkt., 10c.**

## Armeria

215A **Formosa Hybrids** (Giant Thrift). 2 ft.

Pkt., 10c.

## Aubrietia

(*Rainbow Rock Cress*)

220 **Large Flowered Hybrids**. Dwarf free flowering plants with masses of blue and rose shade flowers in early spring. 6 to 8 inches.

Pkt., 10c; 1/8 oz., 60c.

## Bellis Perennis

(*Double English Daisy*)

A perennial plant, bearing in early spring small double white or rose-colored flowers. It is generally classed as hardy, but really needs a slight protection through the winter. 4 inches.

246 **Longfellow**. Dark rose.

Pkt., 10c.

247 **Snowball**. Pure white.

Pkt., 10c.

247A **Red Quilled**.

Pkt., 10c.

248 **Monstrosa Double Mixed**. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long, strong stems.

Pkt., 10c; 1/16 oz., 60c.

248A **Super Giant Rose**. Deep rose.

Pkt., 10c.

248B **Super Giant Red**. Cerise-red.

Pkt., 10c.

248C **Super Giant White**. Pure white.

Pkt., 10c.

## Canterbury Bells

(*Campanula Medium*)

Showy hardy biennials about 3 feet high, covered with large bell-shaped flowers. The Calycanthema (Cup-and-Saucer) class is so named because of the broadening of the calyx into a saucer-shaped secondary flower.

267 **Prize Mixture**. A superb mixture of all classes, single, double, and Cup-and-Saucer.

Pkt., 10c; 1/8 oz., 25c.

268 **Single Mixed Colors**.

Pkt., 10c; 1/8 oz., 35c.

269 **Double Mixed Colors**.

Pkt., 10c; 1/8 oz., 35c.

270 **Calycanthema**. Rose-pink.

Pkt., 10c; 1/8 oz., 40c.

272 **Calycanthema** (Cup-and-Saucer). **Mixed colors**.

Pkt., 10c; 1/8 oz., 40c.

273 **Calycanthema**. Dark blue.

Pkt., 10c; 1/8 oz., 40c.

274 **Calycanthema**. White.

Pkt., 10c; 1/8 oz., 40c.

274B **Carpatica** (Harebell). Dainty light violet-blue bells opening upward.

Pkt., 10c; 1/8 oz., 60c.

## Carnation

(*Hardy*)

288 **Chabaud's Giant Double Mixed**. Flowers large, a high percentage double. Deliciously fragrant and greatly varied in coloring.

Pkt., 10c; 1/8 oz., 50c.

290 **Dwarf Vienna**. Blooms early the second summer from seed.

The hardiest sort, said to stand the winter with a slight protection. Flowers large, double, fragrant and of varied colors. Pkt., 10c; 1/8 oz., \$1.00.

292 **Grenadin, Finest Mixed**. Early, free flowering, medium large, upright growing, long slender stemmed hardy Carnation. Foliage is grassy, of the Dianthus type. Does not bloom until the second year. Pkt., 10c.

**COLUMBINE**. See Aquilegia.

## Centaurea

328 **Montana, Blue**. (Perennial Cornflower.) Large violet-blue flowers. 2 feet. Pkt., 10c; 1/8 oz., 30c.

## Cerastium

(*Snow-in-Summer*)

328A **Tomentosum**. An excellent Dwarf bedding perennial with silvery white foliage and small white flowers.

Pkt., 10c; 1/8 oz., 30c.



*Bellis Perennis*

## Cheiranthus

334 **Allioni** (Siberian Wallflower). Brilliant orange. 1 foot. Pkt., 10c; 1/8 oz., 25c.

335 **Allioni, Golden Bedder**. Golden yellow. Pkt., 10c; 1/8 oz., 25c.

## Clematis

340 **Paniculata**. One of the finest hardy perennial climbers. Of robust habit and covered from the ground to the summit with pure white, fragrant flowers. The flowers are followed by pretty seed pods of bronzy red. 12 feet. Pkt., 10c.

## Coreopsis

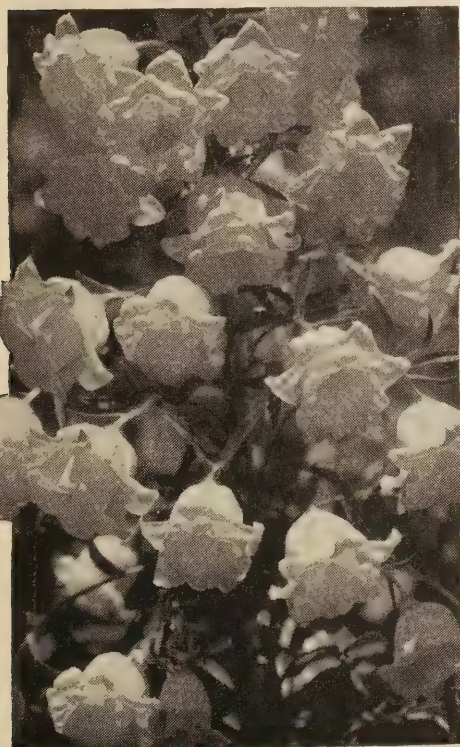
For Annual Varieties, see Calliopsis.

358 **Lanceolata Grandiflora**. The flowers are a rich golden yellow, often 3 inches in diameter, borne on fine, long stems; desirable for cutting. Pkt., 10c; 1/4 oz., 30c; 1/2 oz., 50c.

358A **Double Sunburst**. Large, golden yellow, fully double flowers. Pkt., 10c; 1/4 oz., 35c; 1/2 oz., 60c.



*Armeria*



*Canterbury Bells*



*Digitalis, The Shirley*

## Dahlia

One of our best autumnal flowering plants. Blooms until killed by frost; tuberous rooted, half-hardy perennials; blooming the first year from seed, if sown early. Protect roots during winter in a dry cellar in peat moss or sand.

**371 Unwin's Dwarf Hybrids.** Early flowering semi-double strain of Dahlias, producing gorgeous blossoms of almost every color combination from midsummer until late autumn. **Pkt., 10c; 1/8 oz., 50c.**

**371A Coltness Gem.** Dwarf large flowering hybrids. Reselected.

**Pkt., 10c; 1/8 oz., 50c.**

**372 Special Mixture of Giant-Flowered Single Varieties.** Comprises seed from noted English and Holland growers.

**Pkt., 10c; 1/8 oz., 35c; 1/4 oz., 60c.**

**373 Double Large-Flowered.** Mixed colors. Saved from the finest show varieties. **Pkt., 10c; 1/8 oz., 50c; 1/4 oz., 90c.**

**DAHLIA BULBS.** See page 59.

## Daisy

**378 Shasta Daisy.** Large, pure white flowers blooming in great abundance all summer. 1 to 2 feet.

**Pkt., 10c; 1/16 oz., 25c; 1/8 oz., 40c.**

**Michaelmas Daisies** (Perennial Single Aster). Beautiful and showy, hardy perennials easily grown from seed, blooming profusely in the autumn months, and the first season if seed is sown early.

**381 Alpinus, Mixed Colors.** **Pkt., 10c.**

For other flowers known as Daisies, see *Anthemis, Brachycome* and *Chrysanthemums*.

## Delphiniums

**393 Gold Medal Strain.** Seeds taken from the Gold Medal strain. Double and single, and includes light blue, intense deep blue and many lighter shades. 6 to 8 ft. **Pkt., 25c; 1/8 oz., 60c.**

**393A Blue Bird Series.** Clear medium blue, white bee. **Pkt., 25c.**

**393B Galahad Series.** Huge clear white. **Pkt., 25c.**

**393C Lancelot Series.** Clear lilac self, a rare color; white bee. **Pkt., 25c.**

**394 Pacific Giants, Mixed.** **Pkt., 25c; 1/16 oz., 75c.**

**395 Belladonna Hybrids Mixed.** **Pkt., 10c; 1/8 oz., 60c.**

**396 Wrexham Hollyhock Strain.** This strain is a fine mixture of light and dark shades. The flowers are large, truly double, well placed on long spikes. 6 feet. **Pkt., 15c; 1/8 oz., 75c.**

**397 Chinensis Alba.** Pure white. 2 to 3 feet tall. **Pkt., 10c; 1/8 oz., 30c.**

**397A Nudicaule.** Scarlet. 2 ft. **Pkt., 10c.**

## Clove or Grass Pinks

(*Dianthus Plumarius*)

Improved forms of the old well known Clove Pink. They grow anywhere and bloom very profusely. Very useful for the hardy border.

**416 Single** (Pheasant's Eye Pink). Mixed colors. **Pkt., 10c; 1/8 oz., 25c.**

**417 Nanus fl.-pl.** Extra dwarf double mixed. **Pkt., 10c; 1/8 oz., 50c.**

**417A Deltoides Erecta.** Dwarf bright red. 6 in. **Pkt., 15c; 1/8 oz., 75c.**

**418 Florist's Perpetual Pink** (*D. semperflorens*). Double and semi-double; large flowers; very fragrant and many colors. Blooms nearly all summer and if sown in March will generally bloom the first season. **Pkt., 10c; 1/8 oz., 30c.**

## Dielytra

**421 Spectabilis** (Bleeding Heart). The flowers are heart shape, varying from light pink to rosy crimson. Leaves are light transparent green. Blossoms in April and May. **Cannot supply.**

## Digitalis

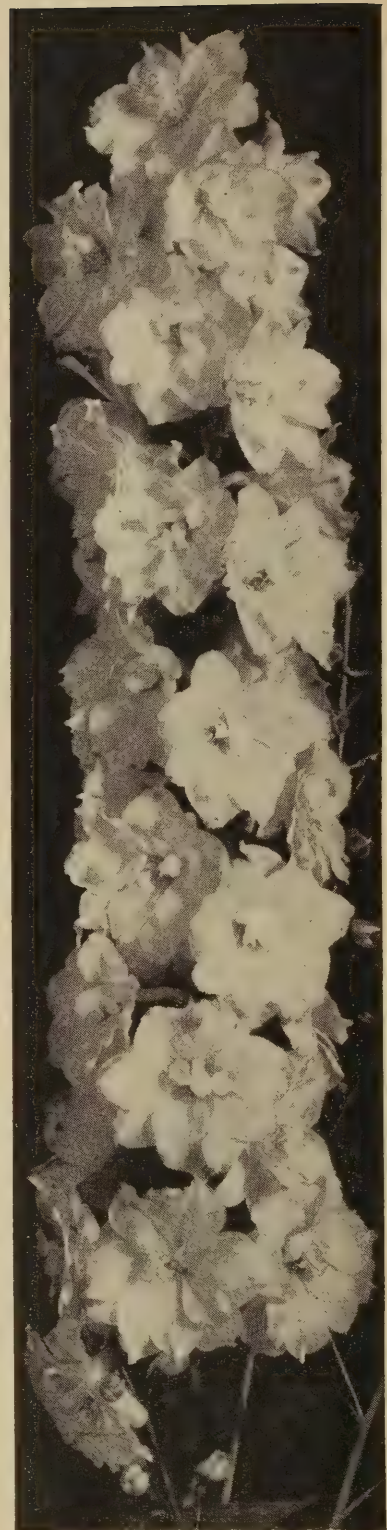
(*Foxglove*)

Favorite hardy plants bearing in June and July tall flower spikes. Of easy culture. Hardy biennial or perennial. 2½ to 3 feet.

**424 Monstrosa.** Mixed colors. Monstrous flowers. Attractive. **Pkt., 10c.**

**430 Gloxiniaeflora, The Shirley.** Giant hybrids, spotted throats. **Pkt., 10c.**

**431 Gloxiniaeflora.** Finest spotted varieties. Mixed. **Pkt., 10c; 1/8 oz., 25c.**



*Pacific Hybrid Delphiniums*



## Forget-Me-Not

(*Myosotis*)

Favorite half-hardy perennials, mostly treated as annuals; nearly all blooming the first season from seed sown early in the open ground.

- 454 **Alpestris, Indigo Blue.** Dark blue. Pkt., 10c; 1/8 oz., 50c.  
455 **Oblongata, Blue Bird.** Dark blue, large flowered. Pkt., 10c; 1/8 oz., 50c.  
457 **Alpestris Rosea.** Rose. Pkt., 10c; 1/8 oz., 50c.  
459 **Palustris Semperflorens, Azure.** Blue. Blooms in 8 to 10 weeks from sowing. Pkt., 10c; 1/8 oz., 50c.  
460 **Hybrida, Ruth Fisher.** Upright growing, free blooming, rich color. Fine for pots. Pkt., 25c.  
461 **Victoria, Dwarf.** The flowers are large, bright azure-blue, with yellow centers. Best for edging. Pkt., 10c; 1/8 oz., 60c.  
462 **Victoria Rosea, Dwarf.** Rose, dwarf large-flowered. Pkt., 10c.  
463 **Victoria, Dwarf Indigo-Blue.** Pkt., 10c; 1/8 oz., 60c.  
464 **Victoria, Dwarf White.** Pkt., 10c.

## Gaillardia

(*Blanket Flower*)

Flowers large, with rich shades of scarlet, orange and crimson, the three often combined in one flower. If sown early, will bloom in the first season. 1 1/2 to 2 feet.

- 478 **Grandiflora, Large Flowered Choice Mixed.** A splendid mixture; comprises all the colorings known. Pkt., 10c; 1/8 oz., 35c.  
478A **Burgundy.** Coppery scarlet flowers 2 1/2 inches in diameter. If started early indoors flowers may be produced the first season from seed. Pkt., 10c; 1/8 oz., 40c.

## Geum

Free flowering, producing a wealth of attractive flowers much prized for cutting. Excellent for borders.

- 486 **Lady Stratheden.** Flowers loosely double; a delightful shade of golden yellow. Pkt., 10c; 1/8 oz., 50c.  
487 **Mrs. Bradshaw.** The double orange-scarlet flowers are very large and full. 2 feet. Pkt., 10c; 1/8 oz., 50c.

## Gypsophila

(*Baby's Breath*)

Flowers very small, borne in loose graceful panicles. Used in bouquets with other cut flowers. 2 feet.

- 502 **Pacifica.** Rose, blooms when *Paniculata* varieties have passed. Excellent for cutting. Pkt., 10c; 1/16 oz., 50c.  
504 **Paniculata Flore-Pleno.** A fine, new double of the purest white, the flowers forming miniature balls of white petals. Pkt., 10c; 1/16 oz., 40c.  
506 **Paniculata.** White. The variety more generally known as *Baby's Breath*. Hardy perennial. Pkt., 10c; 1/4 oz., 20c; 1/2 oz., 35c.

## Helenium

A very valuable hardy perennial, bearing in profusion in August and September, long-stemmed, single flowers; fine for cutting.

- 510 **Hoopesi.** Yellow with brown disk. Pkt., 10c.

## Helianthemum

(*Dwarf Sun Rose*)

512 **Mutabile Mixed.** Dwarf evergreen rock garden plant, forming large clumps completely covered with blooms during July and August. 8-12 in. Pkt., 10c; 1/4 oz., 40c.

## Heliopsis

- 516 **Laevis Pitcheriana.** Yellow. Pkt., 10c.



*Gypsophila*



*Double Hollyhocks*

## Heuchera

525 **Sanguinea Hybrids.** A fine, hardy perennial, bearing in graceful spikes, rich colored flowers. Useful for cutting. 1 foot. Pkt., 25c.

## Hibiscus

(*Mallow Marvel*)

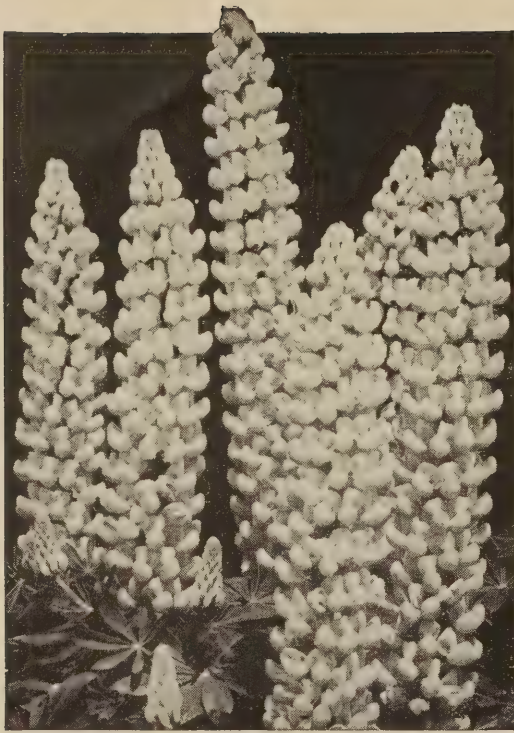
Vigorous growing plants, producing large, handsome flowers, often 6 inches across. Very desirable for mixed beds or borders.

- 526 **Giant Flowered.** Finest mixed. Hardy perennial. 4 feet. Pkt., 10c; 1/8 oz., 35c.

## Hollyhock

Flowers about 3 inches across set as rosettes around strong growing stalks. Seeds sown in May or June make fine blooming plants the following season.

- 530 **Chater's Double, Finest Mixed.** Choicest double varieties, a large percentage of the flowers coming double. Pkt., 10c; 1/8 oz., 40c; 1/4 oz., 75c.  
531 **Double Triumph Mixed.** Beautifully fringed rosette flowers in many new shades and bicolor combinations. Pkt., 10c; 1/8 oz., 40c.  
532 **Alleghany.** Large, semi-double flowers, beautifully fringed, of silky texture and richly colored. Pkt., 10c; 1/8 oz., 25c.  
534A **Double Emperor.** Large fringed rosette flowers in charming color combination. Pkt., 10c; 1/8 oz., 40c.  
535 **Chater's Double.** 535 **Maroon.** 535A **Newport Pink.** 536 **Snow-White.** 538A **Yellow.** Pkt., 10c; 1/8 oz., 40c.



Russell Lupins

## Lychnis

Perennial plants of easy culture, blooming the first season if sown early.

595 **Chalcedonica** (Burning Star). Bright scarlet flowers shaped like a Maltese Cross. Of fine color and thrifty growth; very effective in the perennial border. 2 feet. Pkt., 10c; 1/8 oz., 25c.

## Mimulus

Bushy plants 1 foot high. Flowers various shades of yellow, spotted and marked crimson.

630 **Tigrinus** (Monkey Flower). Handsome flowers with white, sulphur or yellow ground spotted with crimson, scarlet or pink. Pkt., 10c.

631 **Moschatus** (Musk Plant). Small yellow flowers, musk-scented foliage, of trailing habit; excellent for hanging baskets. Pkt., 10c.

## Nepeta

757A **Mussini**. A favorite perennial rock plant with blue-gray foliage and blue flowers. 9 inches. Pkt., 10c; 1/8 oz., 35c.

## Phlox

The seed we offer has been saved from the best varieties and is supplied in mixture only.

847 **Choicest Mixed**. Pkt., 10c; 1/8 oz., 60c.

848 **Beltsville Beauty**. (New.) If sown in autumn, flowers the following spring; thereafter perennial. Color range includes white, white with eye, pink, pink with eye, salmon, flame, lavender, mauve. Developed by United States Dept. of Agriculture. Freeze seed before planting. Pkt., 25c.

## Physalis

(Chinese Lantern Plant)

850 **Francheti**. Bright orange, scarlet lantern-like fruits which are gathered in the fall and dried. Very attractive for winter bouquets. If seed is sown early will bloom the first year. Pkt., 10c.

## Iberis

542 **Queen of Italy**. Dwarf, bushy habit. Pink flowers. Pkt., 10c.

543 **Sempervirens** (Perennial Candytuft). A desirable hardy perennial of easiest culture. Dwarf spreading habit; suitable for rockeries. Flowers pure white. Pkt., 10c.

544 **Gibraltarica**. Lilac shading off to white; large flowers. Early. Pkt., 10c; 1/8 oz., 35c.

## Kudzu Vine

(Pueraria)

560 **Thunbergiana** (Jack-and-the-Beanstalk-Vine). A vine of wonderfully rapid growth, when well established, growing to the great height of 40 to 50 feet. Leaves are of enormous size. Hardy perennial. Pkt., 10c.

## Lathyrus Latifolius

(Everlasting Sweet Pea)

An easily grown, hardy perennial climber, bearing freely flowers somewhat similar in form to the Sweet Pea. If grown in moist soil, will bloom nearly all summer. Colors: reddish purple, rose and white. 6 to 8 ft.

570 **Mixed colors**. Pkt., 10c; 1/4 oz., 35c.

## Lavender

(Lavandula Vera)

575 **Vera**. A well-known hardy perennial grown chiefly for its lasting fragrance. Pkt., 10c.

## Liatris

578 **Spicata**. Purplish rose. 20 inches. Pkt., 10c.

## Linum

582 **Flavum**. Yellow. Excellent early flowering rock garden plant. Pkt., 10c; 1/8 oz., 40c.

## Lobelia

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam.

588 **Cardinal Flower** (Cardinalis). Intense scarlet. 3 feet. Pkt., 25c.

## Lupin

590A **Polyphyllus**. Blue. Pkt., 10c; 1/4 oz., 25c; 1/2 oz., 40c.

591 **Polyphyllus**. Finest Mixed. Hardy plants of easy culture; useful as a background in the perennial border. Mixed blue and white. 2 to 4 feet. Pkt., 10c; 1/4 oz., 35c.

592 "**Russell**." Grown from originator's stock seed. A fine collection. Pkt., 10c; 1/4 oz., 75c.



Lathyrus Latifolius

**We deliver free in the United States all Bulbs, Vegetable and Flower Seeds, at prices listed in this catalog. Prices subject to change.**

# Exhibition PANSIES

*Bloom Abundantly from Early Spring  
to Severe Frost*

**A Lovely, Velvety Assortment of Colors  
that Endures All Climates**

The Pansy produces best results during the cool days of spring, and in a sandy loam, thoroughly prepared and supplied with well-rotted manure. To assist germination by retaining moisture, cover the seed bed with sheeting or single burlap, removing as soon as seedlings begin to appear. From this time on it is important never to let the soil become dry; to do so is fatal. Keep moist but not soaking wet. For early spring flowers, sow seed in August and protect during the winter.

**770 Swiss Giant Coronation Gold.** Canary-yellow, lower petals flushed golden orange; slightly ruffled.

**Pkt., 25c.**

**771 Swiss Giant.** Giant mixed. The flowers are of immense size, borne on long stems, and the colors are unusual, mostly large blotched.

**Pkt., 25c.**

**774 Dwarf Swiss Giant.** Plants are more dwarf and compact with the same immense flowers and unusual colors.

**Pkt., 25c.**

**776 Super Maple-Leaf Giant Mixed.** Compact habit, with large attractive foliage and very large blooms.

**Pkt., 25c.**

**778 Masterpiece.** (Ruffled Pansies.) A strain having ruffled and curled petals, giving the flowers the appearance of being double. Colors rich and striking.

**Pkt., 10c; 1/8 oz., 75c.**

**779 Worcester Giant Mixed.** Our own selections of choice large-flowered strains and varieties, including a proportion of all the preceding strains, the named separate sorts, and several choice strains of different growers.

**Pkt., 10c; 1/8 oz., 75c.**

**782 Trimardeau Large Flowered Mixed.** The range of coloring is excellent, and the mixture will be found very satisfactory.

**Pkt., 10c; 1/8 oz., 75c.**

**783 Oregon Giants Mixed.** A splendid strain of Fancy Pansies, large flowered and of good substance.

**Pkt., 25c.**

**785 Choice Mixed.** A mixture of many varieties.

**Pkt., 10c; 1/8 oz., 75c.**

**786 Giant Adonis.** Splendid light blue, with white center and dark blotches.

**Pkt., 10c.**

**788 Giant Cardinal.** Brilliant red.

**Pkt., 10c; 1/8 oz., 75c.**

**792 Golden Queen.** Pure yellow.

**Pkt., 10c; 1/8 oz., 75c.**

**794 Indigo Blue.** New rich shade.

**Pkt., 10c; 1/8 oz., 75c.**

**796 King of the Blacks.**

**Pkt., 10c; 1/8 oz., 75c.**

**800 Lord Beaconsfield.** Violet, shading to white at the top.

**Pkt., 10c; 1/8 oz., 75c.**

**804 Madam Perret.** Fine red shades.

**Pkt., 10c; 1/8 oz., 75c.**

**808 Snow White** (Candidissima).

**Pkt., 10c; 1/8 oz., 75c.**

**811 Yellow.** With large, black eye.

**Pkt., 10c; 1/8 oz., 75c.**



## Ross' Giant Pansies

**Outstanding in Color, Size and  
Freedom of Bloom**

They are of enormous size with long stems and healthy foliage. The color combinations are new and very rare, including shades never before seen in Pansies: browns, salmons, pinks, reds, and wine colors. We do not hesitate to recommend this strain to the most critical grower.

Why buy ordinary seed when **Ross' Selected Giants cost no more?** One ounce of seed will produce as many as 20,000 plants. **Try Ross' Selected Giant Seed this year for best results.**

### PRICE LIST OF ASSORTED COLORS:

780—Pkt., 50c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.25; 1 oz., \$12.00;  
1/4 lb., \$44.00; 1 lb., \$160.00. These prices include free delivery  
in U. S. A.



*New Giant Scabiosa Caucasica*

### Platycodon

(Chinese Bellflower)

855 **Grandiflorum, Mammoth Blue.** Blooms from July to September. The flowers are large, steel-blue. 2 to 2½ ft. **Pkt., 10c.**

856 **Grandiflorum, Mammoth Early White.** **Pkt., 10c.**

### Polemonium

(Jacob's Ladder)

857 **Coeruleum.** Large heads of showy blue flowers from May to August. 2 feet. **Pkt., 10c.**

858 **Album White.** **Cannot supply.**

### Hardy Perennial Poppies

890 **Iceland Poppies.** White and shades of yellow and orange. Mixed. **Pkt., 10c; ½ oz., 40c.**

891 **Iceland Poppies, Fl. Pl. Extra Double Mixed.** **Pkt., 10c; ½ oz., 50c.**

**Oriental Poppies.** Easily grown from seed sown either in late fall or early spring. They bloom the second spring from sowing.

892 **Orientele.** Deep crimson flowers, with blotch of black on each petal. **Pkt., 10c; ½ oz., 50c.**

893 **Oriental Mixed.** Flowers of enormous size, sometimes 6 inches or more in diameter and of many novel colors. **Pkt., 10c; ½ oz., 50c.**

### Hardy Primroses

Although known as a hardy perennial, these require in this climate some protection. If protected with leaves covered by a box, they will live through our severest winters.

**Veris (Polyanthus).** Excellent for either pot or outdoor culture. Colors mostly shades of yellow, and red and yellow.

903 **Choicest Mixed.** **Pkt., 10c.**

904 **Vulgaris.** True, yellow English Primrose. Canary-yellow; fragrant. **Pkt., 10c.**

### Pyrethrum

Hardy perennials of easy culture.

910 **Aureum (Golden Feather).** Golden foliage; small, white flowers. 1 foot. **Pkt., 10c; ¼ oz., 35c.**

913 **Roseum Hybridum.** Blooms freely from June to September, bearing large flowering, Daisy-like flowers, ranging from light pink to deep red, with bright yellow center; excellent for cutting. **Pkt., 10c; ¼ oz., 60c.**

### Rock Garden

920A **Perennial Mixed.**

**Pkt., 10c.**

### Rocket, Sweet

(*Hesperis Matronalis*)

Hardy perennial plant of easy culture, bearing clusters of purple or white, fragrant flowers. 1½ feet.

921 **Mixed.**

**Pkt., 10c; ½ oz., 25c.**

### Rudbeckia

(Coneflower)

Will grow in nearly all soils and situations, thriving in partial shade or fully exposed to the sun.

925 **Kelvedon Star.** Deep orange with dark brown disc. **Pkt., 10c.**

926 **Purpurea** (Echinacea; Giant Purple Coneflower). Large flowers, about 4 inches in diameter; reddish purple, with large cone of brown. Hardy perennial. 3 feet. **Pkt., 10c; ½ oz., 40c.**

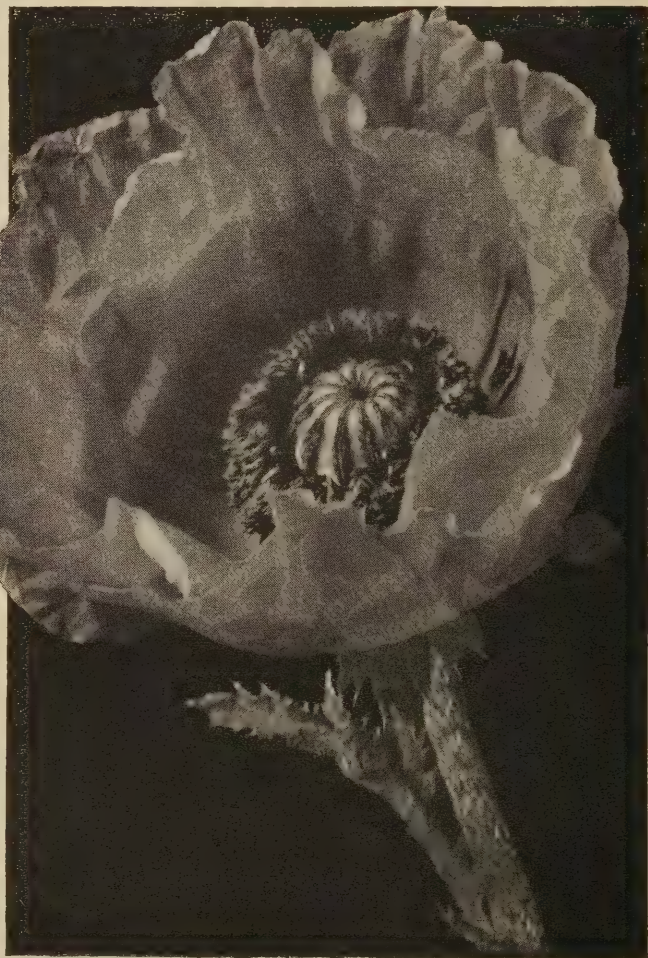
### Scabiosa

946 **Columbaria.** Lavender. Large lavender-blue flowers; plant dwarf with a fine, light green foliage. 18 inches. **Pkt., 15c; ¼ oz., 60c.**

946A **Columbaria Pink.** Delicate pink. 18 inches. **Pkt., 15c; ¼ oz., 60c.**

947 **Caucasica Perfecta.** A hardy perennial, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue. 2 feet. **Pkt., 10c; 1/16 oz., 30c.**

947A **House's New Hybrids.** Each petal is beautifully ruffled and fringed. Shades of blue from lavender to dark blue, very large flowers. **Pkt., 15c; 1/16 oz., 40c.**



*Oriental Poppy*



*Tritoma*

**Sedum**

949A **Acre.** H.P. Thrives well in poor soil. Fine for rockeries and for covering bare spots. Yellow blossoms. 3 inches. **Cannot supply.**

**Sweet William**

(*Dianthus Barbatus*)

A hardy biennial with large trusses of sweet-scented flowers produced in abundance, suitable for rock gardens.

1300 **Single Mixed Colors.** Pkt., 10c; 1/8 oz., 35c.

1302 **Holborn Glory.** A new strain of the auricula-eyed section; both the head and individual flowers are of the largest size and each of the latter shows a clear white eye; of an exceedingly wide range of colors.

Pkt., 10c; 1/8 oz., 40c.

1304 **Dwarf Double Mixed Colors.** 6 inches.

Pkt., 10c; 1/8 oz., 75c.

1305 **Dwarf Single Mixed Colors.** 6 inches.

Pkt., 10c; 1/8 oz., 75c.

1308 **Double Largest Flowered.** Choicest mixed. A greatly improved strain.

Pkt., 10c; 1/8 oz., 40c.

1309 **Scarlet Beauty.** A very effective rich, deep scarlet variety.

Pkt., 10c; 1/8 oz., 40c.

1306 **Newport Pink.** Pkt., 10c; 1/8 oz., 40c.

**Stokesia Cyanea**

*Cornflower Aster*

973 **Blue.** Blooms from August to frost. 2 feet high.

Pkt., 10c.

974 **Mixed.** Containing many new colors.

Pkt., 10c.

**Tritoma**

1317 **Tritoma** (Red Hot Poker Plant or Flame Flower). H.P. Large spikes of orange-red flowers. Height, 4 feet; effective in single clumps or among shrubbery.

Pkt., 10c; 1/8 oz., 35c.

**Trollius**

1317A **Choicest Mixed Varieties.**

Pkt., 10c.

**Tunica**

1318 **Saxifraga.** Dwarf, hardy perennial. Pink blossoms; an excellent rock plant.

Pkt., 10c.

**Veronica**

1330 **Spicata.** All colors mixed.

Pkt., 10c; 1/8 oz., 50c.

**Viola Cornuta**

(*Tufted Pansies*)

Flowers not so large as the Pansy. Blooms profusely; is quickly and easily grown. Seed sown in April will produce blooming plants in June and, if planted in cool, moist soil, partly shaded, nearly all summer. Hardy perennial.

1335 **Mixed Tufted Pansies.** Finest mixture of all colors.

Pkt., 10c; 1/8 oz., 75c.

We deliver free in the United States all Bulbs, Vegetables and Flower Seeds, at prices listed in this catalog. Prices subject to change.



*Viola Cornuta*

# Gladiolus You'll Want a Planting of these Gorgeous Summertime Beauties

All named varieties: Each, 10c; doz., 90c; 100, \$6.00.

**Algonquin.** Early. Brilliant glowing scarlet with 8 or more wide open, well placed, ruffled, needle-point blooms on a tall straight spike.

**Blue Beauty.** Light violet blue, vigorous grower. Most blues are temperamental, but this one is consistently dependable in performance.

**Burma.** Sensational large deep rose, shading to lighter throat. Heavily ruffled and will open up to 10 blooms.

**Chamouny.** Beautiful distinct shade of cerise-rose with a silver line around all petals. Opens up to 10 blooms on a long spike.

**Colonial Maid.** Light lavender, up to 8 medium sized blooms on a tall straight spike.

**Corona.** Creamy white shading more creamy towards the throat with rose picotee edge on all petals. 6 to 8 very large well open blooms on a head of 18 buds. Tall strong grower.

**Elizabeth the Queen.** Beautiful clear lavender-mauve with darker lines in the throat. Nicely ruffled and needle pointed.

**Ethel Cave Co'e.** Pure light pink shading to a creamy throat. Opens up to 10 well-spaced blooms.

**Gen. Doug'as MacArthur.** Light salmon-rose. Tall strong grower with up to 8 6-in. round somewhat ruffled blooms open at once.

**General Eisenhower.** Brilliant clean shade of begonia-rose. Open 8 to 10 huge blooms sometimes 7 in. across. Very tall plant.

**High Finance.** Smoky light orange-gray with creamy throat. Beautiful and one of the finest smokies. Open 9 ruffled blooms on a very tall plant.

**King William.** A soft salmon and apricot blending beautifully into a clear unmarked cream throat. It is a tall, healthy, vigorous grower.

**Lady Jane.** Clear cream with yellow lip petals which gives the flower the appearance of yellow. Open 6 to 8 large slightly ruffled blooms at once.

**Margaret Fulton.** Superb, early blooming salmon-pink. A distinctive shade, different than the color of any other variety. Opens 6 to 8 blooms at once.

**Musio Clementi.** Lobelia-blue overlaid with gray. Opens 6 to 8 medium sized blooms on a fine spike. Unusual color.

**Pactolus.** Apricot-cream with orange-red blotch. Opens 8 to 10 wide open, well-placed blooms on a medium tall spike.

**Picardy.** Clear soft salmon with flesh throat on which is a soft inconspicuous feathering of rose. 7 to 9 very large well-placed blooms open at once. The most popular variety grown.

**Purple Supreme.** Very outstanding purple with silvery edge on the petals. Will open 10 on a shoulder high plant.

**Ravel.** Violet-blue with reddish brown markings. Tall straight spike.

**Red Charm.** One of the best medium reds. Opens 8 to 9 well-placed blooms on a tall straight stem.

**Rosa Van Lima.** A pure, clear pink of such loveliness as is seldom seen. A touch of light lavender in throat.

**Salman's Glory.** Large showy creamy white with a big red blotch edged yellow. Tall strong husky grower with big head of blooms.

**Snow Princess.** One of the finest of the creamy whites. Has long spikes with about 6 large florets well arranged open at once.

**Spic and Span.** Tall ruffled medium deep pink of an unusual shade. Opens 10 with 8 to 10 buds showing color.

**Spotlight.** Dark golden yellow with a small flaming scarlet blotch. Opens 6 to 7 on a very tall straight willowy spike.

**Stoptlight.** Clear brilliant red of good texture. Flat, wide open and well-placed slightly ruffled blooms on a tall spike.

**White Gold.** Very large clear light cream shading to a golden throat. 4 to 6 enormous well-placed blooms on a long flower head. Can be grown to amazing size.

**Yellow Herald.** Amber-yellow with light carmine throat lines. Opens 6 to 8 slightly ruffled medium large blooms on a tall spike.

**Mixture.** A mixture of popular named varieties, selected from all classes, unsurpassed in diversity of colors and types of blooms.

Each, 8c; doz., 75c; 100, \$5.00.





## IF IT'S GIANT SIZE AND BEAUTY BEYOND DESCRIPTION — *We Recommend* — **Dahlias**

### LARGE FLOWERING VARIETIES

**Avalon.** (FD). Beautiful clear yellow. Each, 30c.  
**Berger's Masterpiece.** (C). Soft lavender-pink with a yellow base. Each, 65c.  
**Bronze Ball.** (Ball.) Sturdy, medium size solid bronze flower. Each, 30c.  
**Bonnie Blue.** (Ball.) Ball type lavender-blue Dahlia. Each, 30c.  
**Clara Clemens.** (Ball.) Medium size red flowers with white tips. Each, 60c.  
**Commando.** (FD). Deep lavender. Each, 50c.  
**Crown of Gold.** (Show.) A striking combination of yellow-gold tipped bright red. Each, 50c.  
**D. Day.** (FD). Solid colored true pink. Each, 50c.  
**Deep Velvet.** (FD). Large deep pansy-purple. Each, \$1.25.  
**Deuil Du Roi Albert.** (FD). Violet purple with white tips. Each, 60c.  
**Dixie Wine Dot.** (ID). White and wine-red variegated. Each, \$1.25.  
**Five-Star General.** (FD). Very large amaranth-pink. Each, \$1.25.  
**Gallant Fox.** (FD). A leading commercial red. Each, 25c.  
**Golden Eclipse.** (FD). Golden yellow shading to warm salmon. Each, 35c.  
**Jean Kerr.** (FD). Medium size white flowers. Each, 25c.  
**Kirsten Flagstad.** (FD). Very large golden yellow. Each, \$1.00.  
**Lavender Jewel.** (FD). Lavender-pink. Each, 50c.  
**Le Toreador.** (FD). Medium size deep red. Each, 30c.  
**Maffie.** (SC). Very large intense carmine. Each, 85c.  
**Michigan White.** (SC). White. Each, 60c.  
**Miss Liberty.** (FD.) Large red-tipped white. Each, \$1.00.  
**Mrs. A. E. Wheeler.** (FD). Royal purple garden Dahlia. Each, 50c.  
**Mrs. Hester A. Pape.** (ID). Huge reddish purple. Each, \$1.25.  
**Mrs. Van Iersel.** (C). Large pure white. Each, 65c.  
**Nancy Ann Mitchell.** (C.) Vivid scarlet. Each, 75c.  
**Ogden Reid.** (ID). Large rose-pink. Each, 60c.

**Purity** (Islip). (FD). Medium size pure white. Each, 60c.  
**Sanhican's Blue Bird.** (ID). Pleasing shade of lavender. Each, 35c.  
**Skyrocket.** (SC). A large semi-cactus scarlet flower. Each, \$1.00.  
**Supt. Amhryn.** (Ball.) Free blooming rose-pink. Each, 35c.  
**The Commodore.** (ID). Bright lemon yellow. Each, 25c.  
**The Real Glory.** (FD). Enormous pure white. Each, \$1.25.  
**Victory.** (FD). Rose-pink suffused gold. Each, 50c.  
**Watchung Giant.** (ID). A huge yellow-gold variety. Each, 35c.  
**White King.** (FD). Pure white. Each, 35c.  
**Mixed Dahlias.** Special Assortment of large flowering Dahlias. Postpaid, \$3.00 per doz.

The initials behind each variety designate: (ID) Informal Dec.; (FD) Formal Dec.; (C) Cactus; (SC) Semi-Cactus.

### MINIATURES

**Baby Hale.** Fine bronze. Each, 35c.  
**Corinna.** Canary-yellow. Each, 35c.  
**Ike.** Rich red. Each, 30c.  
**Marshall's Gloria.** Red and white bicolor. Each, 35c.  
**New Roseata.** Deep pink. Each, 45c.  
**Roxana.** Deep royal purple. Each, 45c.  
**White Fawn.** Pure white. Each, 25c.

### POMPONS

**Amber Queen.** Solid amber color. Each, 25c.  
**Bett Anne.** Best small pink. Each, 40c.  
**Cardinal.** Free flowering bright red. Each, 35c.  
**Johnny Peppin.** Dark red. Each, 35c.  
**Little Herman.** Red and white. Each, 25c.  
**Little Snow White.** The finest white. Each, 40c.  
**Mary Munns.** Fine lavender. Each, 25c.  
**Sherry.** Purple. Each, 35c.  
**Yellow Gem.** Creamy yellow. Each, 35c.



*Regal Lily*

## Hardy Garden Lilies

**Regal** (*Lilium Myriophyllum*). It is a pure waxy white, with a lemon-yellow throat and a trumpet about 6 inches long, and when the flower is fully developed, it is about 7 inches across; 2 to 2½ inches in diameter. **Each, 35c.**

**Tigrinum Splendens**. Very handsome, producing pyramidal heads of bright fiery orange-scarlet flowers with large crimson-brown spots. Height 6 ft. Aug.-Sept. flowering. **Each, 35c.**

**Speciosum Rubrum or Roseum**. Delicate pink, almost white, spotted red; one of the old garden favorites. Height 3 feet. Flowers in August and September. **Each, 45c.**

**Auratum** (Golden Banded Lily). Enormous, measuring frequently 8 to 12 inches across; pure white, spotted crimson, each petal marked in the center with a band of yellow. Flowers in August; delightfully fragrant. **Each, 45c.**

## Amaryllis

(Delivery Spring or Autumn)

**Giant American Hybrids**. These are for planting in pots only. The flowers are well rounded with overlapping petals and a wide range of colors, 4 to 6 blooms on a stem. **Each, 65c.**

## Dwarf Tuberose

An Improved Strain.

Bulbs may be started in the house for early flowers, or they may be planted in the open border, but not earlier than June in this latitude.

**Excelsior Dwarf Pearl**. Improved strain; plant of dwarf habit; blooms earlier and flowers are more double than old strain. **Extra large bulbs, postpaid, each 15c.**

## Caladium Esculentum

(Elephant's Ear)

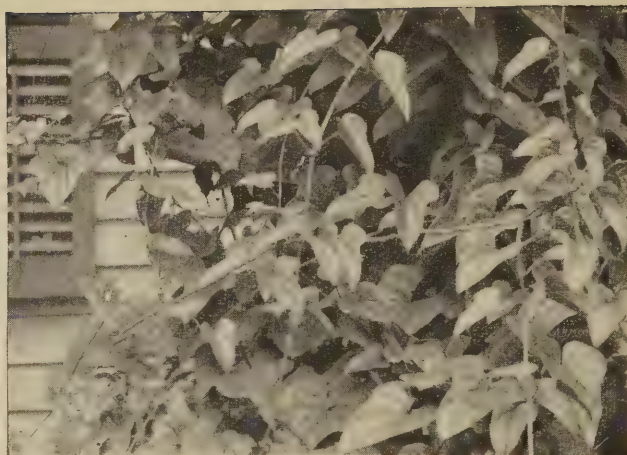
Giant decorative leaves, rich bright green. Soft velvety texture. Splendid for mass planting in shaded locations. Do not plant outdoors until after May 1st. **Each, 30c.**

## Tuberous-Rooted BEGONIAS

Large Bulbs, 2 Inches Diameter.

Desirable for shady places. Start in the house early and set plants in the open ground about the last of May. They will bloom soon and profusely and continuously until frost. Keep constantly moist.

**Double Varieties**. Crimson, pink, white, coppery, rose, scarlet, orange, yellow, salmon. **Each, 25c; doz., \$2.40.**



*Cinnamon Vine*

## Cinnamon Vine

Grows 15 to 30 feet. The leaves are green, with a tinge of bronze. The flowers are white, borne in clusters. The vine dies at the end of the season, but the root is hardy. **Postpaid, extra large roots, 12c each; 3 for 35c; doz., \$1.20.**

## Madeira Vine

A rapid-growing climber with beautiful, thick, glossy waxlike leaves and bearing profusely in graceful, feathery racemes white flowers which have a fragrance resembling Mignonette. Plant when ground becomes warm. Store tubers in a cold, dry place during winter.

**Postpaid, 12c each; doz., \$1.20.**

## Shade and Ornamental Trees Straight Trunks - Beautifully Branched Well Rooted

Prices at the nursery in Westfield, Mass., and a charge will be made for packing. Heavy shipments will require boxing or crating. When boxes are charged, they may be returned for credit.

Each	Each
<b>PINK FLOWERING DOGWOOD</b> 3 to 4 ft. .... \$7.20	<b>SILVER MAPLE</b> 6 to 8 ft. .... \$2.50 8 to 10 ft. .... 3.00
<b>CHINESE ELM</b> 6 to 8 ft. .... 2.00	<b>SUGAR MAPLE</b> 10 to 12 ft. .... 7.50
<b>FLOWERING CRAB APPLE</b> 4 to 5 ft. .... 2.50	<b>WHITE FLOWERING DOGWOOD</b> 2 to 3 ft. .... 2.50 3 to 4 ft. .... 4.00
<b>WEeping WILLOW</b> 6 to 8 ft. .... 2.75	<b>CUTLEAF BIRCH, WEeping</b> 5 to 6 ft. .... 4.50
<b>CRIMSON KING MAPLE</b> 6 to 8 ft. whips only 5.00	<b>SAUCER MAGNOLIA</b> 2 to 3 ft. .... 6.60
<b>JAPANESE CHERRY KWANSAN</b> 6 to 7 ft. .... 6.00	<b>LABURNUM GOLDEN CHAIN</b> 6 to 7-ft. whips .... 4.50

## Raffia for Tying

Raffia is the straw colored inner skin of a Palm found in Madagascar. It is very strong and tough, but soft and flexible, which makes it the very best material for tying vegetables, plants, vines, etc. It is better than twine, as it does not cut the plants and is much stronger. It is also used for making baskets. Raffia comes in hanks of from 2 to 5 pounds. We offer the best grade. **Price, per lb., 55c, not postpaid.**





# Flowering Shrubs for Every Home Purpose

**WE DO NOT PAY TRANSPORTATION ON NURSERY STOCK ORDERS UNLESS NOTED**

**Items Listed Are Sent Direct to You From the Growers**

**PARCEL POST CHARGE:** Add 20c for one plant; 5c for each additional plant. Large orders will be sent express collect.

**ALTHEA, Pink, Purple or White.** One of the latest of flowering shrubs. Blooms are large and very attractive. 3-4 ft., \$1.00 each.

**BUDDLEIA, Charming.** A splendid new form. Easily the finest of all Buddleias because of its massive spikes of purple flowers, each illuminated by a brilliant golden eye. Vigorous, free flowering, hardy type. 2-3 ft., 75c each.

**FORSYTHIA (Golden Bell).** A profusion of brilliant yellow, bell-shaped flowers before the leaves appear. One of the earliest bloomers. A harbinger of spring. No planting complete without Forsythia. 3-4 ft., \$1.00 each.

**DEUTZIA, Pride of Rochester.** A tall growing shrub suitable for specimen or border planting. White bell-shaped blossoms, tinted pink. 3-4 ft., \$1.00 each.

**HONEYSUCKLE, Pink or White.** Medium early bloomer, followed by a profusion of berries that attract robins and other berry-eating birds. 2-3 ft., 75c each.

**HYDRANGEA P. G.** Large, pinkish white panicles which literally cover the bush. Blooms late. Very attractive. 2-3 ft., \$1.00 each.

**HYDRANGEA A. G. (Hills of Snow).** Ball-shaped, snow-white flowers. 18-24 in., 75c each.

**JAPAN QUINCE.** Showy scarlet flowers which often obscure the foliage and branches. Very attractive. 18-24 in., 75c each.

**KOLKOWITZIA Amabilis (Beauty Bush).** One of the finest of the newer shrubs, producing long sprays of graceful foliage. Flowers are delicate pink, similar in shape to those of the Weigela, but much smaller. Although a rapid grower, it does not bloom profusely until it becomes thoroughly established. 18-24 in., \$1.00 each.

**LILACS, Purple or White.** An old-fashioned shrub which requires no introduction. 18 to 24 in., 60c each.

**PERSIAN LILAC.** A free blooming graceful shrub about 8 feet tall, with refined foliage, smaller than the other Lilacs. The flowers are borne in great profusion. Lavender-blue flowers opening late in the spring. 2-3 ft., \$1.00 each.

**CLETHRA, SUMMERSET.** The native Sweet Pepper bush with spikes of creamy white, fragrant flowers throughout July and August. Excellent for shady and damp places. 18 to 24 in., 75c each.

**SNOWBERRY, Red (Coralberry).** Desired for its berries which traverse the stems in unique style. Attracts birds and feeds them abundantly. 2-3 ft., 75c each.

**SNOWBERRY, White.** Large, white berries that remain far into the winter. Like its companion, Red Snowberry, is especially adapted to shady places. 2-3 ft., 75c each.

**SPIRAEA Froebeli.** Red flowers. Medium grower and works in advantageously with other shrubs. 18-24 in., 65c each.

**SPIRAEA Van Houttei.** The most popular of all shrubs. A mass of white blooms in May or early June. The King of the Spiraeas. 2-3 ft., 75c each.

**SYRINGA (Mock Orange).** A tall growing, free flowering shrub of stately beauty and delicate fragrance. Large, white, starlike blooms with yellow center. 2-3 ft., 75c each.

**SYRINGA, Virginal.** Similar to Mock Orange but with large blossoms. Does not grow quite so tall. 2-3 ft., \$1.00 each.

**WEIGELA Rosea (Pink Weigela).** This is an old favorite. Medium to tall growing shrub, covered in June with a profusion of rose colored flowers. Very showy for the shrub border. 2-3 ft., 75c each.

**WEIGELA, Bristol Ruby.** Pat. No. 492. Sparkling ruby-red to crimson flowers produced in immense quantities in the spring and again late summer. About 6 feet tall. 2-3 ft., \$1.50 each.

## Climbing Vines

Very useful for porch shade and wall or fence covering.

**AMERICAN BITTERSWEET.** 2-year roots. 75c each.

**AMPELOPSIS Veitchi (Boston Ivy).** Will cling to brick or concrete walls or chimneys. Each 75c; 10, \$6.00.

**CLEMATIS Paniculata.** Glossy dark green foliage, and covered in the latter part of the summer with starlike, white flowers; fragrant. Each 75c; 10, \$6.00.

**HALL'S JAPAN HONEYSUCKLE.** White blossoms turning to a bright yellow. Trumpet shape. A fast grower with dense foliage. Each 50c; 10, \$4.50.

## Hedge Plants

### CALIFORNIA PRIVET

Japanese Barberry	Each	10	100
1½ to 2 ft. ....	\$0.60	\$5.00	\$45.00
2 to 2½ ft. ....	.75	6.75	60.00
Ibodium Privet			
1½ to 2 ft. ....	\$0.30	\$2.50	\$20.00
2 to 3 ft. ....	.40	3.50	27.00



# FRUIT for Farm and Suburban Homes

We do not send Shrubs, Plants or Trees C. O. D. We do not pay transportation on Nursery stock unless so offered. It is sometimes necessary for the Nursery to make a charge for packing as Nursery stock must be carefully protected for shipment. This cost will be added to the price of Trees or Shrubs.

Orders are shipped direct from the nursery at Westfield, Mass., by parcel post or express. Add 20c for first tree by parcel post; add 10c for each additional tree. If the order is too large for parcel post, it will be sent express collect.

## APPLE TREES

Only the Best Varieties Listed

All trees are standard size.

2-year Apples, \$1.50 each;  
\$12.50 per 10.

- ✓ **Baldwin.** Red. Winter. An old favorite.
- ✓ **Cortland.** Red. Autumn. Similar to McIntosh. Two weeks later.
- ✓ **Northern Spy.** Winter. Red and yellow striped. One of the best eating Apples.
- ✓ **Red Delicious.** Winter. Red. Superior to regular Delicious.
- ✓ **McIntosh.** October to January. Red. One of the best.
- ✓ **Early McIntosh.** Vigorous growth, ready late August, fine for home orchard.
- ✓ **Red Gravenstein.** Autumn. Red striped with yellow. Excellent for pies.
- ✓ **Wealthy.** Deep red; white flesh.
- ✓ **Delicious.** Large, red.

## PEACHES

All Freestone. 5-6 ft., \$1.25 each.

- ✓ **Hale-Haven.** Yellow.
- ✓ **Golden Jubilee.** Yellow.
- ✓ **Elberta.** Yellow.
- ✓ **J. H. Hale.** Yellow.
- ✓ **Belle of Georgia.** White.
- ✓ **Early Elberta.** Yellow.

## BLACKBERRIES

Transplants, doz., \$2.75; 100, \$18.00.

- ✓ **Aldred.** New, seedless, large black.
  - ✓ **Eldorado.** Extra fine and very hardy; large, sweet berry.
- Postage, 15c per doz.

## BLUEBERRIES

Cultivated Varieties

2-2½ ft., large paper pots,  
\$1.75 each; \$15.00 per 10.

- ✓ **Jersey.** Large; ripening midseason.
- ✓ **June.** Medium size, early.
- ✓ **Pemberton.** Large, midseason.
- ✓ **Concord.** Large; midseason.
- ✓ **Stanley.** Midseason, large berry, good color, fine flavor.

## CHERRIES

2-year, \$1.50 each.

**SOUR**

✓ **Montmorency.** Red.

**SWEET**

- ✓ **Schmidt's Biggareau.** Black; heart-shaped.
- ✓ **Napoleon.** Large yellow.
- ✓ **Windsor.** Large, liver colored.
- ✓ **Black Tartarian.**

## PEARS

Plant These Juicy, Tender, Richly Flavored Pears. Enjoy Delicious Fruit No. 1 Grade, Standard, 2-year, \$1.50 each.

- ✓ **Bartlett.** An every purpose Pear. Excellent for canning. Fruit large, pyramidal. August and September.
- ✓ **Seckel.** Small; attractive in color. Tree vigorous; bears late.
- ✓ **Sheldon.** Round in form. Dark green covered with russet. Rich flavor. The tree is a vigorous grower. Unexcelled for home planting. October and November.
- ✓ **Clapp's Favorite.** Late summer, lemon yellow, very juicy, delicious flavor.

## CRAB APPLES

6 to 7 ft., \$1.50 each.

- ✓ **Hyslop.** Dark crimson; large.
- ✓ **Transcendent.** Red.

## STRAWBERRY PLANTS

Extra Strong Roots—For Berries Next Year—Plants are Freshly Dug for Each Order.

Grown in Worcester County. Prices are Postpaid.

- ✓ **Runner Plants only—25 plants for \$1.50; 50 for \$2.55; 100 for \$4.40.**
- ✓ **Catskill.** Midseason. An old standard variety. Rich color.
- ✓ **Fairfax.** Early. Uniform large fruit.
- ✓ **Howard 17.** Early. A best early; pointed berry.
- ✓ **Robinson.** Midseason. Scarlet-red, firm berry.
- ✓ **Sparkle.** Midseason, very hardy plant, firm bright red berries, delicious flavor.

**EVERBEARING VARIETIES**

25 plants, \$2.00; 5 for \$3.55;  
100 for \$6.40.

- ✓ **Streamliner.** Jumbo size; very sweet; glossy red.
- ✓ **Superfection.** New, large, round, deep red, very sweet.

## GRAPE VINES

2-year, 50c each; \$4.50 per 10.

- ✓ **Brighton.** Red.
- ✓ **Caco.** Red.
- ✓ **Concord.** Blue-black.
- ✓ **Delaware.** Red.
- ✓ **Diamond.** White.
- ✓ **Fredonia.** Early. Blue-black.
- ✓ **Green Mountain.** White.
- ✓ **Moore's Early.** Blue-black.
- ✓ **Niagara.** White.
- ✓ **Worden.** Blue-black.

## PLUMS

No. 1 Grade, 1-yr., 11/16 inch,  
\$1.50 each.

**JAPANESE PLUMS**

- ✓ **Abundance.** Medium size; bright cherry-red.
- ✓ **Burbank.** Large, nearly globular; clear cherry-red.

**EUROPEAN PLUMS**

- ✓ **German Prune.** Dark purple.
- ✓ **Stanley Prune.** Large, dark blue, greenish yellow flesh; sweet; freestone.

## RASPBERRIES

Transplants, doz., \$2.75; 100, \$18.00.

- ✓ **Indian Summer.** The best everbearing red Raspberry. Produces two crops in one year.
- ✓ **Latham.** Fruit is of large size, deep red.

Postage 20c per doz.



**EEZY WEAR GARDEN GLOVES**

Soft as Kid  
Durable  
Washable

Price: small, medium or large, \$1.65 per pair.

**LADIES**  
Postpaid for \$1.75.

# VEGETABLE SEED INFORMATION

## PLANTING DATES — DISTANCES — MATURITIES

CROP	VARIETY	DAYS TO MATURITY	AMOUNT OF SEEDS OR PLANTS PER 100 FT. ROW	DATES SEEDS OR PLANTS MAY BE PLANTED**	INCHES BETWEEN PLANTS	INCHES BETWEEN ROWS	PLANTING DEPTH INCHES	REMARKS
★BEANS	Stringless Greenpod	40-60	1 lb.	May 1—July 15	30	2-4	1	Can be planted in hills 4 seeds every 12 inches
	Pencil Pod Wax	40-60	1 lb.	May 1—July 15	30	2-4	1	
Shell	Bountiful	40-60	1 lb.	May 1—July 15	30	2-4	1	Use 4 plants to one pole Use thinnings for greens
	French Horticultural	40-60	1 lb.	May 1—July 15	30	2-4	1	
	Fordhook Bush	75-85	1 lb.	May 15—June 15	30	2-4	1	
	Lima	75-80	1 lb.	May 15—June 15	36	2-4	1	
★PEAS	Kentucky Wonder	65-75	1/2 lb.	Apr. 15—Aug. 1	12-15	2-4	1/2	6 to 8 plants enough for family
	Crosby Egyptian	60-70	1 oz.	Apr. 15—July 15	36	18	1/2	
★BROCCOLI	Detroit Dark Red	60-65	1/4 oz.	Apr. 1—July 15	24	18	1/2	Can also be used for late crop
	Italian Green Sprouting	60-65	1/4 oz.	July 1—July 15	36	24	1/2	
★CABBAGE	Copenhagen Market	60-70	1/4 oz. or 66 plants	Apr. 1—July 15	24	18	1/2	Chantenay and Imperator for early
	Danish Ballhead	100	1/4 oz. or 50 plants	July 1—July 15	36	24	1/2	
★CARROTS	Drumhead Savoy	70-75	1/2 oz.	Apr. 15—July 15	12-15	2-4	1/2	Danvers for storage Set plants in April or July
	Imperator	70-75	1/2 oz.	Apr. 15—July 15	30	18-24	1/2	
★CAULIFLOWER	Early Chantenay	50-60	1/4 oz.	Apr. 15—July 15	30	18-24	1/2	Blanch with paper or boards Bank with soil or store for winter
	Danvers Half Long	50-60	1/4 oz.	Apr. 15—July 15	30	18-24	1/2	
★CELERY	Golden Plume	115-120	1 pkt. or 600 plants	Apr. 25—July 15	24-30	6-8	1/4	Plant 3-4 plants per hill Make 2 or 3 plantings at 2 week intervals
	Pascal or Utah	120-125	1 pkt. or 600 plants	July 1—July 15	30	6-8	1/8	
★SWEET CORN	Golden Early Market	70-80	1/4 lb.	May 1—July 1	30	24 hills	1	3-4 plants per hill Plant New York only in April and set plants if possible
	Golden Bantam	90	1/4 lb.	June 1—July 1	36	24 hills	1	
★CUCUMBERS	Golden Cross Bantam	60-65	1/2 oz.	May 15—June 1	48	48 hills	1/2	Can be used for green onions Will keep in ground all winter
	Straight Eight or White Spine	75-85	1/4 oz.	Apr. 15—July 15	12-18	10-15	1/4	
★LETTUCE	New York No. 12	100-120	1 oz.	Apr. 15—May 15	13-15	2-3	1/2	Must be brushed Start seed in hotbed
	Danvers Yellow Globe	85-90	2 qts.	Apr. 1—May 15	13-15	2-3	1-2	
★ONIONS	White or Yellow-Union Sets	120-125	1/2 oz.	Apr. 15—May 15	24	2-4	1/2	Late varieties best for winter storage
	Hollow Crown	60-65	1 lb.	Apr. 1—Apr. 30	30	1-2	1-2	
★PEAS	Laxton's Progress	75-80	1 lb.	Apr. 1	36	1-2	1-2	Plant frequently in small amounts Crowns covered 3"-4"
	Telephone	70-75	1 pkt.	May 15—June 1	30	12-18	1/2	
★PEPPERS	World Beater	85-110	1/2 pk.	May 1—June 1	30	12	1/2	Shoots to seed in July and August
	Irish Cobbler	25-28	1 oz.	Apr. 1—Aug. 15	12	1	1/4	
★POTATOES	Green Mountain	40-45	1 oz.	Apr. 15—May 15	36	24	3-4	3-4 plants per hill 3-4 plants per hill 3-4 plants per hill Start in hotbed Mar. 1-15. Stake and prune to one stem
	Scarlet Globe	1 year	50	Apr. 1—Aug. 15	12	1-2	1/4	
★RADISHES	Victoria	55-60	1/2 oz.	May 10—May 30	48	48 hills	1/2	Plant as late as August. Plant not later than July
	Long Standing	70-75	1/2 oz.	May 15—June 1	72	60 hills	1/2	
★SPINACH	Summer Savoy	100-110	1/2 oz.	May 15—June 1	120	96	1/2	Plant as late as August. Plant not later than July
	Straightneck	70-75	1 pkt.	May 25—June 1	36	24	1/4	
★SQUASH	Des Moines (Table Queen)	55-60	1/2 oz.	Apr. 15—July 15	30	2-4	1/2	Plant as late as August. Plant not later than July
	Fall Wonder	100-110	1/2 oz.	May 15—June 1	72	60 hills	1/2	
★TOMATO	Delicious or Hubbard	70-75	1/2 oz.	May 15—June 1	120	96	1/2	Plant as late as August. Plant not later than July
	Bonny Best	70-75	1/2 oz.	May 15—June 1	120	96	1/2	
★TURNIP	Marglobe	55-60	1/2 oz.	Apr. 15—July 15	30	2-4	1/2	Plant as late as August. Plant not later than July
	Comet (Trellis)	55-60	1/2 oz.	May 15—June 1	72	60 hills	1/2	
★RUTABAGAS	Purple Top Flat or Globe	75	1/4 oz.	Apr. 15—July 15	30	2-4	1/2	Plant as late as August. Plant not later than July
	American Purple Top	75	1/4 oz.	May 15—June 15	36	4-6	1/4	

★Make several plantings. Do not plant too much at one time.  
 ★★Planting dates are based on state-wide conditions and therefore must be adjusted to that part of the state where gardener is located.

HERE'S THE PLANT FOOD  
FOR GRASS!

It's used by more home gardeners and professional gardeners than any other plant food . . . it's Vigoro Complete Plant Food.

**FOR FLOWERS, SHRUBS, TREES,  
AND VEGETABLES, TOO!**

Everything you grow needs balanced and complete nourishment to grow best. Be sure your lawn and gardens have a complete diet . . . feed them Vigoro.



VIGORO PRICES	
100-lb. bag	\$4.75
50-lb. bag	3.00
25-lb. bag	1.80
10-lb. pkg.	.95
5-lb. pkg.	.53
1-lb. pkg.	.15

**INSTANT VIGORO**

Complete plant food in concentrated form for liquid plant feeding. Like famous Vigoro, Instant Vigoro is a complete plant food. It is prepared in a concentrated crystalline form designed for liquid feeding. It comes in convenient size packages for testing as well as in larger units for general feeding—house plants to lawns.  
Price: 1/2-lb. can, 80c; 1-lb. can, \$1.25; 3-lb. can, \$3.00; 25-lbs. \$13.35 each.



**INCLUDE VIGORO IN YOUR SEED ORDER!**

**Vigoro Spreaders**



**END-O-PEST** . . . all the protection most gardens need against the three major types of pests—chewing insects, sucking insects and fungus diseases. Comes ready to use in a handy dust gun of new and exclusive design, and in economy size for larger areas.

PRICES	
Dust Gun Package	\$0.85
Refill Cartridge	.65
Pouring Spout Package (2 lbs.)	1.79



**END-O-WEED** improved selective lawn weed control destroys over 100 different weeds—roots and all. Will not harm ordinary grass. Just mix with water, then spray, using "Side Spray" applicator or any other spraying device.  
Prices: Half-pint can, 98c; Quart can, \$2.69. "Side Spray"—Sprays measured amount of End-o-Weed to the side as you walk along. No wet feet! 29c.



**HYPER-HUMUS**

**Cultivated - Energized  
Nature's Organic Soil Conditioner**

Clean—Ready to Use—Weed-Free—High in Organic Matter—Non-Acid—Odorless—Concentrated. "Revitalizes Your Soil." For luxurious lawns, flower and vegetable gardens, shrubs and trees.

**Use — HYPER-HUMUS**  
Sealed in Polyethylene-lined bags. 100 lbs., \$4.25; 50 lbs., \$2.50; 25 lbs., \$1.55.

**FERTILIZER SPREADERS**

**Model BR.** 18-inch spreading width; capacity 25 lbs. Rubber tired wheels. Price: \$10.43.  
**Model "Junior."** 18-inch spreading width; capacity 50 to 60 lbs. plant food. 10x1.25 semi-pneumatic rubber tired wheels. Price: \$12.96.  
**Model "Standard."** 24-inch spreading width; 80 to 90 lbs. capacity. 12.50x2.50 semi-pneumatic rubber tired wheels. Price: \$43.90.  
**Model "Special."** 36-inch spreading width; 110 to 120 lbs. capacity. 12.50x2.50 semi-pneumatic rubber tired wheels. \$56.78.

All prices subject to change without notice.

# Fertilizers and Insecticides

## Old Deerfield Fertilizers

We highly recommend Old Deerfield Fertilizer.  
**GRASS 7-7-7; POTATO 5-10-10; CORN 4-12-8; ONION 5-10-5; ALL CROPS 5-8-7.** Prices on request.  
**LEE MAGNESIUM GROUND LIMESTONE.** A magnesium limestone particularly suitable for soils showing a deficiency of magnesium. Price per 100-lb. bag, \$1.15; 500 lbs., \$5.25. Ton prices on request.  
**AGRICULTURAL HYDRATED LIME.** Price: 50-lb. bag, 95c; 100 lbs., \$1.75. Ton prices on request.  
**CHEMICALLY HYDRATED LIME.** For spraying. Price: 50-lb. bag, \$1.10; 100 lbs., \$1.95. Ton prices on request.  
**SUPER PHOSPHATE 20%.** Per bag, 100 lbs., \$2.75.  
**PEAT MOSS FOR HORTICULTURISTS.** Finely ground (granulated) peat is of recognized value to the florist, gardener or nurseryman. Market price.  
**FINE GROUND BONE.** 5-lb. bag, 70c; 10-lb. bag, \$1.30; 25-lb. bag, \$2.40; 100-lb. bag, \$5.98.  
**CALCIUM CHLORIDE.** Dust layer and surface binder. One bag will cover about 50 square yards. Used also as an anti-freeze. Sold in 100-lb. bags only. 100-lb. bag, \$3.45. Prices for larger quantities on request.

**TOBACCO DUST.** Fine, ground; for greenhouse use is one of the best articles for dusting all kinds of plants that are affected with insects of any kind. Per bag of 100 lbs., \$5.00; 50-lb. bag, \$2.75; 5 lbs., 75c.

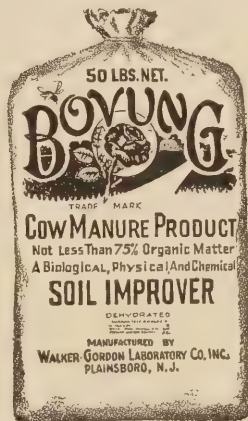
## Tri-Ogen Rose Food

For better roses. A 5-10-5 rose food made from organic (long lasting) and inorganic (quickly available) materials. Also contains the essential minor elements necessary to plant growth. Price: 5-lb. bag, \$1.00; 10-lb. bag, \$1.70; 25-lb. bag, \$3.20.



## Bovung is Cow Manure in a Convenient and Concentrated Form

- \* BOVUNG is absolutely free from live weed seeds.
  - \* BOVUNG can be applied without fear of burning or harmful results.
  - \* BOVUNG supplies plant food as the plant needs it.
  - \* BOVUNG is clean, convenient to handle and is reasonable in price.
- Prices: 5-lb. bag, 60c; 10-lb. bag, \$1.05; 25-lb. bag, \$1.65; 50-lb. bag, \$2.35; 2 bags (or 100 lbs.), \$5.50; 500 lbs., \$26.50; 1,000 lbs., \$49.00; ton, \$93.00.



## Adco—For Making Artificial Manure

150 lbs. of Adco converts leaves, garden refuse or other waste vegetation into 3 tons of artificial manure by a simple composting method. Home owners, vegetable growers or florists can profit by its use. 5-lb. pkg., \$1.60; 20-lb. bag, \$3.75; 100 lbs., (5-20's), \$18.50.

## Pulverized Sheep Manure

A standard dressing for lawns, also excellent for shrubs and flowers. Apply at the rate of about 50 lbs. per 1000 sq. ft. Prices: 25-lb. bag, \$1.40; 50-lb. bag, \$2.35; 100-lb. bag, \$3.95; ton, \$69.00.



## Farmanure

A natural all-purpose, all-organic manure fertilizer composed of Peat Moss, Poultry Manure and Cow Manure, blended together. Combines an organic plant food with a moisture holding humus. Clean, easy to use, no weed seeds, and will not burn. Fine enough to go through any fertilizer spreader. A 50-lb. bag sufficient for top dressing about 1500 sq. ft. of lawn and for feeding about 1000 sq. ft. of garden. Prices: 7½-lb. bag, 75c; 25-lb. bag, \$1.50; 50-lb. bag, \$2.45; 500 lbs., \$23.50; 1000 lbs., \$45.00.

## Armour's Big Crop Fertilizers

We recommend Armour's Big Crop. Prices on request.

## Armour VERTAGREEN Plant Food

By

ARMOUR

Vertagreen is a high quality, scientifically blended plant food, for lawns, flowers, shrubs, trees, vegetables. Contains nitrogen, phosphorus and potash, besides several other important plant food elements. Clean, odorless, easy to apply. Used with outstanding success by thousands. As combined in Vertagreen, these elements make an amazing difference in plant germination, growth, health and beauty. Price: 1-lb. bag, 15c; 5-lb. bag, 53c; 10-lb. bag, 95c; 25-lb. bag, \$1.80; 50-lb. bag, \$3.00; 100-lb. bag, \$4.75.

## Du Pont Garden Chemicals

**DU PONT FRUIT TREE SPRAY.** Easy to use, simple spray schedule on package. Contains methoxychlor, Fermate and sulphur. 1-lb. canister, \$1.15; 3-lb. bag, \$2.75.



**DU PONT VEGETABLE GARDEN DUST.** For control of insects and diseases. A combination insecticide-fungicide. Contains methoxychlor, Zineb, and rotenone. 8-oz. dust gun, 79c; 1-lb. canister, \$1.15; 3-lb. bag, \$2.65.

**DU PONT FORAL DUST.** For insect and disease control on roses and other flowers. Combines methoxychlor, Fermate, sulphur and rotenone. 8-oz. dust gun, 79c; 1-lb. canister, \$1.15; 3-lb. bag, \$2.65.



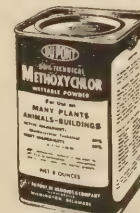
**DU PONT TOMATO DUST.** Controls bugs and blights. Use every 7 to 10 days throughout growing season. 8-oz. dust gun, 69c; 2-lb. bag, 85c.

**DU PONT ROSE DUST.** Contains sulphur and Fermate. Controls black spot on roses and many other flowers. 8-oz. dust gun, 69c; 1-lb. canister, \$1.00.

**DUPONT SOIL CONDITIONER W.** For better plant growth in clay-type soils. A powder which goes into solution for application to surface of worked up soil. Increases water absorption and availability to plants. Use in building new lawns, in flower beds, vegetable gardens and around shrubbery. 4-oz. can, \$1.25; 8-oz. can, \$1.95; 2-lb. can, \$6.75.



**DU PONT METHOXYCHLOR.** Controls many insects. Long lasting action. 50% technical wettable powder. 8-oz. can makes about 17 gallons of spray for general garden use. 8-oz. can, 75c.



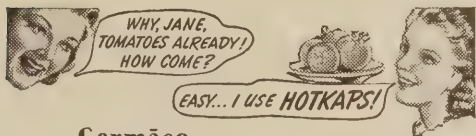
**DUPONT FERMATE.** A fungicide which is especially useful in protecting flowers and ornamentals from fungous diseases. Controls black rot of Grapes. 8-oz. can makes about 28 gallons of spray. 8-oz. can, 75c.

**DU PONT 50% DDT.** Controls many hard to kill insects. Wettable powder. Use as spray. 1-lb. can, 90c.



# General List of Fertilizers and Soil Builders

## Arnold Sprayers and Cartridges



### Germaco

# Hotkaps

HELP YOU GROW EARLIER, HARDIER VEGETABLES and FLOWERS

Germaco HOTKAPS—strong little hot houses—protect plants from destructive frost, storms, insects. University Agricultural Experiment Station tests prove HOTKAPS increase total yield 18% to 51%, promote bigger fruits and vegetables, ripen plants 3 weeks earlier. Quick, easy to set, instructions on package. 100 million used by successful growers. Beat everyone with first vegetables, flowers. Order today. 25 Hotkaps with cardboard setter, 95c. Postage extra.

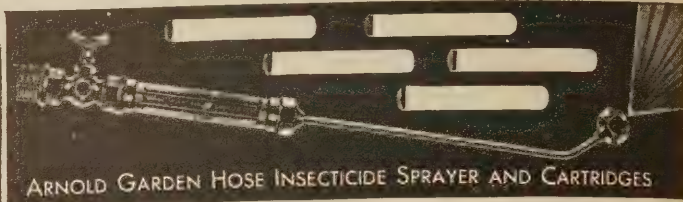
Market Growers: University tests prove Germaco HOTKAPS nearly double your early marketable yield per acre, help you get highest out-of-season prices. Premium profits pay for them many times over. Crop failure is costly—HOTKAPS protection is cheap! Order today.

Millions of HOTKAPS are used every season. Inexpensive to buy. One man can set out 2000 or more per day.

1,000 lots, \$18.35; 5,000 lots, \$18.20 per M; 10,000 lots, \$18.05 per M; 25,000 lots, \$17.90 per M; 250 Pkg. with Fiberboard Setter, \$5.90; 100 Pkg. with Fiberboard Setter, \$3.15; 25 Home Garden Pkg. with Setter, 95c; Steel Setter, \$1.95; Fiberboard Garden Setter, 20c.

Weight: 1000 package HOTKAPS, 33 lbs.; 250 package, 10 lbs.; 100 package, 5 lbs.; Home Garden Package, 2 lbs.; Steel HOTKAPS Setter, 4 lbs.

Postage extra. Write for Free Booklet.



ARNOLD GARDEN HOSE INSECTICIDE SPRAYER AND CARTRIDGES

**ARNOLD GARDEN HOSE SPRAYER.** Adjustable nozzle, chrome finish. \$6.50 each.

**ARNOLD SPECIAL COMBINATION.** (Adjustable Chrome Sprayer, 6 Assorted Cartridges), \$8.75.

**ARNOLD VICTORY PLASTIC SPRAYER.** Use Weed-O-Spray Cartridges with this Sprayer. \$1.00.

**COMBINATION SET WEED-O-SPRAY.** (1 Plastic Sprayer and 2 Weed-O-Spray Cartridges), \$1.75.

**CRYOLITESPRAY CARTRIDGE.** A non-poisonous control for chewing insects. 40c each; 12 for \$4.80.

**WEED-O-SPRAY CARTRIDGES.** Weed-O-Spray cartridges contain a chemical known as 2-4-D. 40c each; 12 for \$4.80.

**ARSEN-O-SPRAY.** For the control of all chewing insects. 40c each; 12 for \$4.80.

**SULPH-O-SPRAY.** Will control fungous diseases which can be controlled by a sulphur spray. 40c each; 12 for \$4.80.

**FUNGUSPRAY.** A bordeaux spray for the control of certain leaf spots and blights. 40c each; 12 for \$4.80.

**VITAMIN B1.** A stimulant for root growth on all types of plants. 40c each; 12 for \$4.80.

**P-R (Pyrethrum-Roteneon).** For control of Aphis, Bean Beetle, Rose Chafer, Thrips, etc. 40c each; 12 for \$4.80.

**"ARNOLD" DDT CARTRIDGES.** 40c each; 12 for \$4.80.

## MILORGANITE

### The Ideal Fertilizer

#### FOR LAWNS, GARDENS, FLOWERS, SHRUBS AND TREES

By using Milorganite you can have a finer, more luxuriant lawn—deep green grass of uniform color and growth, weed-free turf of velvety texture. Promotes steady, uniform growth. Milorganite "has what it takes" for healthy continuous plant growth. 100-lb. bag, \$4.75; ½-ton lots, \$4.25 per 100 lbs.; ton lots, \$80.00 per ton; 50-lb. bag, \$2.85; 25-lb. bag, \$1.75.



## Old Deerfield Lawnshrub Fertilizer 6-5-5

An excellent fertilizer for lawns, shrubs, trees and flowers. Four to five pounds per 100 square feet is recommended as a lawn top dressing. Complete circular on request. Price: Per 100 lbs., \$5.00; per ton, \$92.00.

## PLANTABBS

Double-duty plant food in concentrated, odorless easy-to-use tablet form with high analysis of 11% nitrogen, 15% potash, plus vitamin B<sub>1</sub>. For use on all potted plants, flower boxes, garden flowers, and as an added boost to vegetables. They stimulate growth, make more blooms and stronger plants.

Small pkg. (30 tablets), 25c; postpaid, 30c. 75-tablet pkg., 50c; postpaid, 55c. 200-tablet pkg., \$1.00; postpaid, \$1.10. Single carton (1000 tablets), \$3.50; postpaid, \$3.60.



## Salem Fertilizer Spreaders

For lawns, gardens, parks, golf courses, cemeteries, etc. Uniformly distribute all dry fertilizers, grass seed.

**Salem 16-inch Spreader.** Spreading width, 16 in.; hopper capacity, 22 lbs.; rubber-tired wheels, shipping weight, 12 lbs. Price: \$8.25.

**New Salem 20-inch Spreader.** Spreading width, 22 in.; hopper capacity, 40 lbs.; rubber-tired wheels, shipping wt., 19 lbs. Price: \$12.75.

The 20-inch and 30-inch Spreader Have New Finger Tip Control.



**New Salem 30-inch Spreader.** Spreading width, 30 inches; hopper capacity, 80 lbs.; rubber tired wheels, 10 inches in diameter; shipping weight, 32 lbs. Price: \$19.40.

**Salem Heavy-Duty 36-inch Spreader.** Spreading width, 36 inches; capacity, 125 lbs. of fertilizer or other material. Steel wheels 18 inches in diameter with ½-inch tread. Shipping weight, 80 lbs. Price: \$39.50.

ROSS BROS. CO., Worcester, Mass.

For sturdy, healthy growth in all types of plant-life, use

# HY-TROUS

Concentrated Odorless Liquid Fertilizer

## HY-TROUS LIQUID FERTILIZER

ODORLESS—ECONOMICAL BALANCED

1 Tablespoonful makes 1 Full Gallon

A remarkable liquid fertilizer, this HY-TROUS. Completely balanced . . . concentrated; one tablespoonful makes a gallon of efficient plant food when mixed with water . . . will not burn the most tender root, leaf, or flower . . . easily applied . . . positive in results . . . economical to use . . . completely odorless. For flowers, fruits, vegetables, lawns, shrubs, trees, and house plants.

Marjorie Mills will tell you about Hy-Trous every week over WBZ and the New England Network.

3 ozs. . . \$0.25    16 ozs. . . .99    1 gal. . . 5.95  
8 ozs. . . .59    32 ozs. . . 1.79



**SCOTIA LEAF HUMUS.** 1-lb. bag, 25c; 3-lb. bag, 50c; 25-lb. bag, \$1.49.

**SCOTIA POTTING SOIL.** 1½-lb. bag, 25c; 4-lb. bag, 50c; 10-lb. bag, \$1.00; 25-lb. bag, \$1.49.

**AFRICAN VIOLET SOIL.** 1½-lb. bag, 25c; 4-lb. bag, 50c; 10-lb. bag, \$1.00; 25-lb. bag, \$1.49.

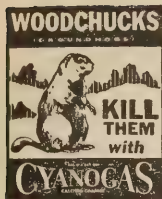
**AGRINITE.** All organic Plant Food over 8% Nitrogen. Non-burning; clean; dry; odorless. For greater lawn and garden beauty. Apply 4 lbs. per 100 sq. ft., 1000 to 1500 lbs. per acre. Price: Per 80-lb. bag, \$5.20; 500 lbs. to 1000 lbs., \$4.68 per 80-lb. bag; 1000 lbs. to 2000 lbs., \$4.42 per 80-lb. bag. Ask for prices in larger quantities. A product of American Agricultural Chemical Co.

**AGRICO COUNTRY CLUB FERTILIZER** 8-6-4. Price: Per 80-lb. bag, \$4.80. Get our price for larger quantities.

**AGRICO FOR TURF 6-8-2.** Price: Per 80-lb. bag, \$4.50. Get our price for larger quantities.



# Remedies for Insects, Fungus, Etc.



## Cyanogas

When exposed to the air, Cyanogas A-Dust gives off gas that kills these destructive pests almost instantly. One whiff is enough for any woodchuck. A heaping tablespoonful in each opening is sufficient. All openings should then be closed.

Cyanogas is also certain death to rats, moles and ground squirrels. 1-lb. can, \$1.00; 5-lb. can, \$3.85; 25-lb. can, \$12.90.

**CYANOGAS G.** Fumigant for greenhouse fumigating. Price: 5-lb. can, \$3.85; 25-lb. can, \$12.90.



**CYANOGAS ANT KILLER.** Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance of the nest. This 4-oz. size contains enough Cyanogas to kill a million ants. 4 ozs., 40c.

## "Nico-Fume" Powder Pressure-Fumigator

"Nico-Fume" Powder is now packed in hermetically-sealed cans. It is packed in both ½- and 1-lb. cans. Two holes are scored ready to be punched out. A special lighter is attached to the can. 12 1-lb. tins to case, \$7.95; 6 1-lb. tins, \$4.25; 1-lb. tin, 85c; 12 ½-lb. tins to case, \$4.60; 6 ½-lb. tins, \$2.65; ½-lb. tin, 50c.

**Antrol Ready Filled Ant Feeders.** Handy, economical, safe way to kill ants—packed in display sets of four refillable feeders—set of four filled feeders, 39c. Antrol Ant Syrup Refill makes it possible to use Feeders again and again. 4-oz. bottle, 20c each.

**ANTROL THALLIUM TYPE ANT TRAPS.** Leak proof metal Traps scientifically designed

to kill both sweet and grease eating ants. Price: 25c each.



**ANTROL PUSH-BUTTON ROSE SPRAY FLOWER BOMB** protects Roses, Chrysanthemums, Gladioli, Asters, Geraniums, etc., the handy push button way kills insect pests with a long lasting residual spray of Lindane and rotenone. Price: 12-oz. Bomb, \$1.69.

**ANTROL ANT SPRAY.** Contains Chlordane with handy sprayer attached. A new and easy method of killing ants in home, yard, lawn

and garden. Spray it on lawns to kill Japanese beetle grubs. 1 pint, 89c; 1 quart, \$1.19.

**HARRIS ORIGINAL ANT BUTTONS.** Package, 25c. Postpaid, 35c.

**LILLY'S ANT CUPS.** Package, 25c, Postpaid, 35c.

**BUCKEYE ANTUBE.** Economical—Safe—Quick. Used by most all Country Clubs. Household and garden size, 35c. Country Club size, \$1.00 per tube; \$9.25 per doz. tubes.

## CONCENTRATED LIQUID LIME-SULPHUR SOLUTION

Use at the rate of 1 gal. to 9 gals. of water for dormant spray of Apples, Peaches and certain ornamentals for control of scale, leaf curl, etc. Also can be used on Apples at summer strength of 1 gal. to 40 gals. of water for scab control on Apple trees. 1 qt., 60c; 1 gal., \$1.80. Weight 12 lbs. 5 gals., \$7.20; 55-gal. drum, prices on application.

**SUNOCO SPRAY OIL.** For scale insects, aphids and red mite on Apple trees. The ideal petroleum spray is an oil that will form a perfect and permanent mixture with water. 55-gal. steel drum, per gal., 51c; 2 drums or more, 49½c per gal, plus deposit charge of \$6.00 on returnable drum; 5-gal. can, per gal., \$1.35; 1-gal. can, per gal., \$1.70.

**SCALECIDE.** The quality miscible oil. Dormant spray for trees, shrubs and vines. Used by leading fruit growers. Kills scale, insects, eggs, larvae and disease cankers and fungus spores wintering on the plant. Mixes instantly—dilute 1 to 15. 1 qt., weight 3 lbs., \$1.15; 1 gal., weight 9 lbs., \$2.75; 5 gals., \$9.30; 15 gals., \$22.00; 30 gals., \$35.60; 55 gals., \$53.00, plus deposit charge on 15, 30, 55-gal. drums.

**SULFOCIDE.** A concentrated liquid sulphur fungicide. Used on both apples and peaches and all kinds of fruits, vegetables and flowers. Controls apple scab, brown rot of peaches, plums and cherries, blight and rot of potatoes, tomatoes, and melons. Used for mildew and rust on flowers and shrubs. Prices: 1 pt., \$1.00; 1 qt., \$1.50; 1 gal., \$3.00; 5 gals., \$9.75; 15 gals., \$24.00; 30 gals., \$42.00; 50 gals., \$70.00, plus deposit charge on 15, 30, 55-gal. drums.

**DORMATONE.** Sprout inhibitor. Amazing new chemical aid for keeping potatoes, stored under normal temperatures without sprouting. The 12-oz. sifter-top canister treats 8½ bushels (500 pounds). Simply dust tubers when they are stored. Dormatone is harmless. 12-oz. sifter-top canister, \$1.00; 5-lb. can, \$5.50; 20-lb. drum, \$16.00.



**SNAROL CUTWORM BAIT.** Contains Toxaphene. Tests prove toxaphene bait formulation to be the best control of cutworms. Also for army worms, grasshoppers, and crickets. Snarol cutworm bait is non-injurious to vegetation when used as directed. 1-lb. carton, 50c; 2½-lb. carton, \$1.00; 6-lb. carton, \$2.00.

**EVER GREEN GARDEN SPRAY.** Contains only pyrethrum and is an outstanding garden spray. Non-poisonous. Kills both chewing and sucking insects. 1-oz. bottle, 35c; 6-oz. bottle, \$1.15; 1-pt. bottle, \$2.45; 1-qt. bottle, \$4.10; 1-gal. bottle, \$12.60.

## Tri-ogen Spray (Contains Fermate)

Concentrated insect spray and fungicide. Attractive new kit. Tri-ogen spray is a proven product and is the outstanding Rose spray—it has everything—all the previous advantages found only in Tri-ogen—plus Fermate.

"A" Kit, \$2.35 "B" Kit, \$ 6.00  
"C" Kit, 9.00 "D" Kit, 30.00



## TRIOGEN 3-WAY ROSE DUST

**Famous Formula, All-Purpose Dust.** Here is Triogen in powder form for gardeners who prefer to "dust." Balanced blend of DDT, Lindane, chlorosulfonate, sulphur, duPont Fermate and other ingredients. Controls both sucking and chewing insects; blackspot, mildew and certain blights. Price: 1-lb. can, \$1.19; 5-lb. can, \$5.00; 25-lb. drum, \$23.75.



For successful roses. Rosetone is a proven combination of vitamins and hormones. Soak roots or bushes in Rosetone before planting. Water your established Rose bushes with Rosetone for better growth. ½-oz. pkt., 25c; 3-oz. can, \$1.00. Add 10c for postage.

## ROOTONE

bulbs, and speeds up growth, thus producing earlier flowering; and in the case of vegetables, earlier crops. Stops damping-off. ¼-oz. pkt., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00. Add 10c for postage.

**ROOTONE,** the plant hormone powder, increases roots on cuttings, seeds and bulbs. No soaking is necessary. Just dust and plant. Stimulates germination of seeds and

## TRANSPLANTONE

lutes backward plants and regenerates roots. Use on seedlings, shrubs, rose bushes and trees. 1 oz. makes 1000 gallons solution. ½-oz. pkt., 25c; 3-oz. can, \$1.00; 1-lb. can, \$4.00. Add 10c for postage.

**TRANSPLANTONE**—the vitamin-hormone plant stimulant. Just mix 1 teaspoonful to a gallon

## Stanley's Crow Repellent

The most effective way to prevent crows and other birds from pulling corn is to treat the seed with something that is repellent to them. **Stanley's Crow Repellent** is excellent for this purpose.

½-pt. can (enough for 1 bu. corn) .....\$0.60  
1-pt. can (enough for 2 bus. corn) ..... 1.00  
1-qt. can (enough for 4 bus. corn) ..... 1.75

Mailing weight, each 2 lbs.



## CROW-FEZ

Crow-Fez for use on seed corn gives the surest protection against corn pests. ½-pint can (enough for 1 bushel) .....\$0.50  
1-pint can (enough for 2 bushels) ..... .75  
1-quart can (enough for 4 bushels) ..... 1.25

Mailing weight, each 2 lbs.



**VOLCK'S OIL SPRAY.** A summer oil spray and spray carrier for use against mealy bugs, scale insects, red spider and white flies on plants. (Replaces "Nursery Volck" and "Volck Nursery and Garden Volck".) 4-oz. size, 35c; 16-oz. size, 70c; 31-oz. size, \$1.25; 1-gal. size, \$2.85; 5-gal. size, \$9.95.

# Remedies for Insects, Fungus, Etc.

**BLACK LEAF 40.** (Nicotine Sulphate, Nicotine 40 Per Cent.) Is the best known remedy for potato lice, thrips, leaf hoppers, etc., and other similar insects. Use about 1 to 1000 or 1 oz. will make 6 gallons of solution. 1 oz., 36c; 5 ozs., \$1.05; 1 lb., \$2.42; 2 lbs., \$4.15; 5 lbs., \$7.40; 10 lbs., \$12.65; 50-lb. drum, \$53.90.

**HERBICIDE.** A powerful and economical chemical for destroying unsightly weed growth on paths, driveways, cobble gutters, tennis courts, etc. For ordinary grass and weeds, 1 gallon of Herbicide diluted with 50 gallons of water will cover approximately 1000 sq. ft. Kills poison ivy and other noxious forms of vegetation. Price: 1-qt. can, \$1.00; 1-gal. can, \$2.50; 5-gal. can, \$10.00; 30-gal. drum, \$36.00; 55-gal. drum, \$57.50.

**GRAFTING WAX.** Prices: ¼ lb., 35c; ½ lb., 50c; 1 lb., 80c.

**CREOSOTE FOR GYPSY MOTHS.** For the destruction of the eggs of gypsy moth. Qt., 50c, shipping weight 3 lbs.; gal., \$1.25, weight 9 lbs.; 5-gal. can, \$4.50.

**CABOT'S TREE HEALING PAINT.** 1 qt., 45c; 1 gal., \$1.30; 5 gals., \$5.75. Barrel lots, price on request.

**FORMICIDE.** (Hammond's.) Stabilized Formaldehyde Dust seed and soil disinfectant used as a control of damping off. 1-lb. can, 35c; 5-lb. can, \$2.50; 25-lb. drum, \$10.00.

**CARBOLINEUM.** Of the numerous preservative compounds on the market Carbolineum stands alone as time-tried and thoroughly tested. 1-gal. can, \$1.80, weight 11 lbs.; 5-gal. can, \$8.00.



**RED ARROW INSECT SPRAY.** Effective and non-poisonous. Will not stain or injure tender flowers. A contact spray that will kill both sucking and chewing insects.

1-oz. bottle, 35c; 4 ozs., \$1.00; 1 pt., \$2.85; 1 qt., \$5.00; 1 gal., \$18.20.

**HAMMOND'S WEED KILLER.** Weeds, poison ivy and all vegetation are easily destroyed with this highly concentrated (stands dilution with 40 parts of water) easy-to-use material. Price: 1-qt. bottle, 70c; 1-gal. can, \$2.00; 5-gal. can, \$9.00.

**TREE TANGLEFOOT.** Controls all destructive and climbing insects. Easy to apply; positive protection; non-injurious to trees. 6 ozs., 90c; 1 lb., \$1.50; 5 lbs., \$7.00.

**SEMESAN.** For vegetables and flower seeds and bulbs. Generally preserves seeds against rotting in cold, wet soils; controls damping-off or seedling blight and certain other seed-borne diseases. Helps promote increased germination, sturdier growth, larger yields, better grade produce. 2-oz. pkg., 60c; 12-oz. can, \$2.85; 25-lb. pail, \$72.65.

**ARASAN.** For corn, soybeans, vegetables. Dry application only. Usually reduces losses from seed decay and damping-off. A disinfectant and a protectant. 8-oz. can, \$1.00; 2-lb. can, \$3.20; 10-lb. bag, \$11.50.

**NEW IMPROVED CERESAN.** For wheat, oats, barley, rye and millets to control certain smuts and some other seed-borne diseases. 4-oz. can, 50c; 1-lb. can, \$1.30; 4-lb. can, \$4.35.

**SEMESAN BEL.** For both Irish and sweet potatoes. Treat Irish potatoes to reduce seed rotting, surface seed-borne rhizoctonia and scab. 2-oz. pkg., 50c; 1-lb. can, \$2.30; 4-lb. can, \$7.50; 40-lb. pail, \$70.35;

**SPECIAL SEMESAN.** For lawns, golf courses and other fine turfs. A fungicide used especially to prevent or control large brown patch and dollar spot. Apply as a liquid. 1½-lb. can, \$3.75; 25-lb. pail, \$52.05; 100-lb. drum, \$197.60.

**TERSAN 75.** (75% Thiuron) Tersan 75 is highly concentrated. Exceptionally safe and effective for prevention or control of large brown patch, dollar spot and snow mold on golf courses, lawns and other fine turfs. 5 1/3-oz. can, \$1.00; 3-lb. bag, \$6.75; case of twelve 3-lb. bags, \$62.00.

**DU PONT F-531.** A cadmium fungicide for the control of dollar spot on golf courses, lawns and other fine turfs. 25-lb. pail, \$37.50; 100-lb. drum, \$140.00.

## No-Seed Hormone Blossom-Set

29% more tomatoes with No-Seed Hormone. Greater yield, superior quality, larger fruits, earlier, meatier, seedless tomatoes. Also for other crops, effective on cucumbers, peppers, eggplant and squash. Increases set and gives greater yield.

4-oz. bottle (dilutes to 1 gal.) ..... \$0.75  
1-pt. bottle (dilutes to 4 gals.) ..... 1.75



## NOTT PRODUCTS

**RAT-NOTS.** A safe, scientific way to exterminate rats. Prepared bait containing Red Squill—NOT A POISON. Household size, 25c; Estate size, \$1.00.

**MOUSE-NOTS.** A meaty, easily hulled, treated seed bait which appeals to the finicky taste of mice and it is "THEIR LAST MEAL." Household size, 25c; Estate size, \$1.00.

**ROACH-NOTS.** Prepared powder bait for roach pests that infest damp homes, cellars, stores, factories, warehouses. Certain to kill them in droves. Household size, 25c; Estate size, \$1.00.

**MOLE-NOTS.** Kills moles in their holes. An attractive rodent food for these pests and will help exterminate them. Household size, 35c; Estate size, \$1.00.

**KILMICE.** A treated, tasty, impregnated seed bait which quickly destroys mice in house and garden. Easy to use—clean, sanitary, no mixing—no traps needed. "THEIR LAST MEAL." Large 2½-oz. pkg., 25c.

**DOG-CHECK.** An effective proven curb to canine habits, needed by all whose neighbor's dogs "visit" and wither flowers, shrubs, hedges and saplings. One spraying usually lasts from 2 to 3 weeks. Unaffected by light rain. 3-oz. bottle, 60c; 8-oz. bottle, \$1.00.

**NOTT'S RAT PASTE** (5% Antu) is packaged in handy tube for mixing with baits. (Formerly called Rat-Not Paste). 1-oz. tube, 35c.

**NOTT'S RAT-TU.** A superior rat killer packed with death-dealing "Antu." Sure kill by tracking, baiting, in drinking water. Rat-Tu (25% Antu): 2-oz. canister, 60c. Rat-Tu (5% Antu): 2-oz. canister, 35c.

## K-R-O KILLS-RATS-ONLY

Will rid your premises without endangering your pets, livestock, poultry, etc. Harmless to animals other than rats and mice. Price: 2 ozs., 75c; postpaid, 80c. K-R-O Ready Mixed, \$1.00; postpaid, \$1.10. Small size K-R-O Ready Mixed, 35c; postpaid, 45c.

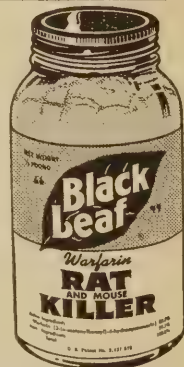
**RAT-NIP.** Mows them down with ease. Quickly kills even the foxiest old ones. 25 years of success. Tube, 35c.

## Warfarin

The new Rat and Mouse Killer (Sure and Safe) Black Leaf Warfarin Rat Killer. A highly effective, scientifically formulated, concentrated chemical compound for the control of rats, mice and certain other destructive rodents. Baits made from Black Leaf Warfarin are tasteless and odorless. Full directions on each package. Price: ¼-lb. bottle, \$1.69; ½-lb. bottle, \$2.98; 1-lb. bottle, \$4.98.

**EATON'S ROUGH AND READY CONCENTRATED WARFARIN POWDER.** Household size package, 59c each.

**SLA-RAT.** A Nott product containing the death dealing Warfarin. This is a prepared bait, no mixing necessary. 1-lb. can, \$1.00.



## Carbola Paints and Also Disinfects

**CARBOLA WITH LINDANE.** A white paint and powerful disinfectant combined in powder form. Easily, quickly applied to interiors with brush or spray pump. Disinfects, dries pure white. Price: 1 lb., 35c; 5-lb. pkg., 89c; 10-lb. pkg., \$1.45; 25-lb. carton, \$3.35; 10-lb. carton, \$5.95.

**SUDBURY LIQUID CHAPERONE.** Dogs stay away from anything sprayed with Sudbury Liquid Chaperone. You don't smell it—but dogs do. Protects shrubs, trees, flowers, vegetables, garbage pails, etc. Harmless—does not show. Each application lasts up to 3 weeks, rain or shine. Also effective with cats, other animals. 4-oz. bottle, 60c; 12-oz. bottle, \$1.25.

Liquid Chaperone has also proved effective for keeping rabbits and other rodents out of gardens. Specify Rabbit Chaperone, if wanted.

**JAPIDEMIC.** Milky Disease Spore Dust. Kills the grub of the Japanese beetle in the soil. Grubs of the Japanese beetle when present in large numbers will completely destroy your lawn. Treat your lawn in the summer, spring or fall and kill the grubs of the Japanese beetle in the soil. One pound will treat 4000 square feet, ten to eleven pounds will treat one acre. ½-lb. can, \$2.75; 1-lb. can, \$5.00.





# Insecticides and Fungicides

## Niagara Brand

### FARM AND GARDEN BRAND

Packaged and formulated for the farm garden and the home garden. Ask for dust and spray schedules and for circulars.

**CODE 909 C.O.C.S. NEUTRAL COPPER SPRAY.** A highly effective, concentrated fungicide for dependable protection against certain plant diseases of garden crops, fruits, flowers, shade trees and ornamentals. Leaves no conspicuous residue and contains no lime. Effective in the control of early and late blight on potatoes and tomatoes, leaf spot on celery, beets and carrots, cherry leaf spot, leaf spot on cucurbits, black spot on roses and mildew on roses, lilacs, phlox, zinnias. 1-lb. can, 70c; 3-lb. bag, \$1.65.

**CODE 910 SCALE OIL.** A dormant spray. Controls scale insects on trees, ornamentals and shrubs; also red mite eggs on apple trees. Extremely efficient, economical, mixes readily with water. 1-qt. can, 85c; 1-gal. can, \$2.10; 5-gal. can, \$7.65.

**CODE 912 C.O.C.S. COPPER ROTENONE BEARING DUST.** A vegetable garden specialty containing .75% rotenone and copper as a fungicide in the form of copper oxychloride sulphate. A non-poisonous insecticide-fungicide and repellent dust formulation for the control of such diseases as mildew, leaf spot and blight, and such insects as asparagus beetle, cucumber beetle, cabbage worm, strawberry leaf roller, and many other insects troublesome on vegetables, flowers and ornamentals. 1-lb. sifter-top can, 55c; 4-lb. bag, \$1.35.

**CODE 914 WETTABLE DUSTING SULPHUR.** Contains 95% sulphur of extreme micron fineness. Can be used as a spray or dust. For control of mildew, leaf spots and wherever a non-caustic sulphur fungicide is called for: peonies, roses, grapes, etc. Packed 2-lb. sifter-top cans, 50c each; 4-lb. bags, 75c each.

**CODE 917 KOLO FRUIT TREE DUST OR SPRAY.** Contains DDT, basic lead arsenate and Kolo sulphur. A combined insecticide-fungicide formulated for insect and disease control after the dormant stage. Used on apples, peaches, pears, plums, prunes and certain ornamentals. For use as a dust or spray in the control of codling moth, curculio, tent caterpillar, rose chafer, plant bugs, leaf hoppers, Japanese beetles, apple maggot, oriental fruit moth, peach twig borer, and for such fungous diseases as apple scab, powdery mildew, pear scab, peach scab and brown rot of stone fruits. Three pounds makes 25 gallons of dilute spray. 1-lb. bag, 60c; 3-lb. bag, \$1.50.

**CODE 920 C.O.C.S. CUKE AND MELON DUST.** A combined insecticide and fungicide containing calcium arsenate and copper, for the control of cucumber beetles, wilt, scab, mildew and leaf spot on cucumbers, melons and other cucurbits. Effective and safe, this formulation contains no lime. 4-lb. bag, \$1.10.

**CODE 924 C.O.C.S. COPODUST.** Fungicide only. Contains highly effective neutral copper oxychloride sulphate. Contains no lime. For control of blight on potatoes, celery, tomatoes, etc. Do not use on grapes or beans. 1-lb. sifter-top can, 45c each; 5-lb. bag, \$1.15.

**CODE 925 ROTENONE-BEARING DUST OR SPRAY.** Contains .75% rotenone. A superior, scientifically blended, non-poisonous dust or spray. Use in the control of Mexican bean beetle, worms on cabbage and broccoli, pea aphids, asparagus beetles and certain chewing and sucking insects on vegetables and ornamentals. 1-lb. sifter-top can, 45c each; 4-lb. bag, \$1.10.

**CODE 927 C.O.C.S. POTATOX POTATO DUST OR SPRAY.** Contains DDT and copper. A combined insecticide and fungicide for use as a dust or spray in the control of bugs and blight on potatoes and other vegetables having hardy foliage. Increases yield and quality of crops. For spraying, 6 tablespoons makes 1 gal. of dilute spray, or 4 pounds makes 60 gals. of dilute spray. 1-lb. can, 60c; 4 lbs., \$1.85.

**CODE 929 CHLORDANE DUST OR SPRAY.** Contains 5% Chlordane. For use in the control of cut worms, blister beetles, leaf miners, mole crickets, Japanese beetles and certain other turf insects. Also ants and roaches in the lawn and home. Price: 1-lb. can, 55c each; 4-lb. bag, \$1.55.

**CODE 930 B.H.C. APHIS DUST OR SPRAY.** Contains 1.2% gamma isomer of benzene hexachloride refined. A new formulation for aphid control. For use in the control of aphid on tomatoes, cucumbers, melons, cabbage, tobacco. Spittle bug on strawberries, Japanese beetle, and certain other chewing insects on fruits, vegetables, flowers and ornamentals. Price: 1-lb. can, 70c each; 4-lb. bag, \$2.10.

**CODE 932 DDT 50 SPRAY.** A 50% DDT wettable powder for use in the control of flea beetles, Colorado Potato beetles, and leaf hoppers on potatoes, worms on cabbage, thrips on onions and gladiolus, leaf hoppers on grapes and roses, and codling moths on apples and pears. It goes into solution readily and is compatible with most of the common fungicides and insecticides. Use 1/2 to 1 pound in 50 gallons of water. Use 1 to 2 level tablespoons in 1 gallon of water. 1-lb. can, 65c; 4-lb. bag, \$1.75.

**CODE 933 GAM KIL 25 EMULSION.** Contains 25% Lindane. For use as a residual spray in the control of flies in dairy barns and other outbuildings. Also controls roaches, ants, mosquitoes, midges. 1 pint makes up to 11 gals. dilute spray. Price: \$3.92 per pint.

**CODE 934 GAM KIL 25 SPRAY.** Wettable powder containing 25% Lindane. For control of mange only on dairy cattle and mange lice and ticks on other livestock. Also used for control of birch leaf miner. 1 lb. makes up to 10 gals. Packed in 8-oz. canisters; 1-lb. canisters; 5-lb. bags. Price: 8-oz. canister, \$1.70; 1-lb. canister, \$2.95; Code 261, 5-lb. bag, \$15.50.

**CODE 935 HOUSEHOLD SPRAY.** Contains Lindane. A new liquid spray for controlling many household pests, including the hard-to-kill crawling type such as silver fish, water bugs, crickets, spiders. Packed in pint cans; quart cans; gal. cans. Price: 60c per pint; 90c per quart; \$3.40 per gal.

**CODE 936 2, 4-D WEED KILLER.** Effective, easy to use liquid form 2, 4-D for lawns, parks, golf courses, fence rows, ditches, pastures, etc. It eliminates dandelions, plantain, poison ivy, pigweed, ragweed and many other troublesome weeds without injury to grasses. Packed in 1/2 pint cans, 90c per can; 1 pint can, \$1.50 per can; 1 gal. can, \$4.75 per gal.

**CODE 937 DDT 5 DUST.** A 5% DDT dust for use in control of Japanese beetles, European corn borer, corn ear worm, leaf hopper, flea beetles, also thrip on gladiolus and onions. 1-lb. can, 45c; 4-lb. bag, \$1.10.

**CODE 938 NEW POMO-GREEN.** The leaf green all-in-one dust or spray. For roses and other flowering plants. An insecticide and fungicide for control of black spot and powdery mildew on roses, also chewing and sucking insects on roses, delphiniums, phlox and other ornamental plants. 1-lb. can, \$1.00; 4-lb. bag, \$3.00.

**CODE 940 SPIDER-MITE DUST OR SPRAY.** Contains aramite. A new miticide used in the control of red spider on roses. European red-mite, spruce-mite and two-spotted mite on evergreens and shade trees. This material is green in color and leaves no unsightly residue. Mixes readily with water. Economical to use. 1-lb. canister, 75c; 4-lb. bag, \$2.35.

**CODE 942 FERBAM.** (Wettable Powder.) Contains same active ingredients as "Fermate." This material is a fungicide used in the control of leaf spot, rust, black rot, bitter rot, fruit spot, black spot, powdery mildew, downy mildew, and anthracnose; also many other plant diseases attacking fruits, vegetables, flowers and ornamentals. 8-oz. canister, 75c.

**CODE 943 METHOXYCHLOR 50.** Contains same active ingredients as "Marlate." For use as a spray in the control of stable flies, horn flies, mosquitoes, lice and fleas on dairy cows and other livestock; also as a residual spray in buildings. An excellent insecticide for controlling web worms, asparagus beetle, cabbage worms, fall army worm, Mexican bean beetle, Oriental fruit moth, squash vine borer, Japanese beetle, and certain other insects attacking fruits, vegetables, flowers and ornamentals. 8-oz. canister, 75c.

### Soilfume Caps

#### NIAGARA CODE 931 A Soil Fumigant

100% Ethylene Dibromide—for use in control of wireworms and nematodes in garden and greenhouse soils. 100 capsules will treat 100 sq. ft. Recommended by experiment stations. Price: Jar 100 caps, \$1.00; jar 200 caps, \$1.65.



# Insecticides and Fungicides

## Niagara Brand

### Peach Sprays and Dusts

See **KOLOFOG**, Code 323 for preferred sulphur spray.

**CODE 192 KOLODUST PHOSKIL 1 DUST.** An effective combination of sulphur and parathion for the control of curculio, mites, Oriental fruit moth, brown rot and scab. Packed in 50-lb. bags. Price: \$12.35 per 100 lbs.

**CODE 970 BHC PEACH DUST.** Combination of sulphur and gamma isomer of BHC for use in control of curculio, plant bug, brown rot and scab prior to midseason. Packed in 50-lb. bags. Price: \$9.90 per 100 lbs.

**CODE 829 KOLODUST NIATOX 5 DUST.** Contains 89% Kolodust and 5% DDT for brown rot and Oriental fruit moth control. Packed in 50-lb. bags. Price: \$10.55 per bag.

### Arsenical Insecticide

**ARSENATE OF LEAD**, Code 366. A highly effective insecticide for control of leaf chewing insects on apple trees, ornamentals and certain other crops. Kills bugs and worms on plants. Very valuable for control of Japanese beetles and white grubs and worms in lawns, greens and other fine turf areas. Can be dusted or applied in water suspension. 1-lb. bag, 50c; 4-lb. bag, \$1.70. Get our prices on larger quantities.

### Dormant Oil Spray

**NIAGARA MISCIBLE OIL.** 97% oil. A free-flowing oil which mixes readily with water, for use as an oil spray in dormant stage on apples, pears, etc. Use 3 gals. per 100 gals. of water. Packed in 54-gal. steel drums, price on request.

### Rotenone Insecticide Formulations

(Non-Poisonous to Animals and Humans)

**1% ROTENONE DUST**, Code 345. A potent and powerful rotenone dust used for control of cabbage worms, bean beetle, flea beetle and wherever a strong rotenone dust is required. Packed 50-lb. bags. \$6.40 per bag. Get our price on larger quantities.

**¾% ROTENONE DUST**, Code 353. An all-purpose strong rotenone dust. Best for all-around use. Packed 50-lb. bags. \$5.75 per bag. Get our prices on larger quantities.

**COPPER ROTENONE DUST**, Code 848. Contains COCS (copper oxychloride sulphate) as the fungicide and .75% rotenone as the insecticide. For all-purpose dusting on tomatoes, cucurbits and wherever a fungicide and rotenone are required. Do not use on grapes or beans. Packed 50-lb. bags. \$7.50 per bag. Get our price on larger quantities.

**5% ROTENONE SPRAY**, Code 92 Ro-Kil Spray. A 5% wettable powder rotenone spray formulation that is best for bean beetle control, red spider, aphids and many other bugs and worms where a strong wettable powder rotenone spray is indicated. Packed 40-lb. carton, 8 5-lb. bags each. Price: 5-lb. bag, \$2.75; 40-lb. carton, \$19.70.

### DDT Spray and Dust Formulations

Insecticide formulation only. See other listing for combinations DDT and Fungicides.

**NIATOX 50 SPRAY**, Code 72. A highly effective formulation of a 50% DDT wettable powder. Use at rate of 2 lbs. per 100 gals. water for control of flea beetle, leaf hopper, Japanese beetle, potato bugs, etc., wherever a 50% DDT wettable powder is recommended. Where a fungicide is needed, as on potatoes, we recommend using COCS 55. Spray with DDT. For use on turf for control of Japanese beetle and white grubs, use 50 lbs. per acre. Packed 50-lb. bags and 24-lb. cartons, 6 4-lb. bags per carton. Price: \$16.00 per 50-lb. bag; \$8.64 per 24-lb. carton; \$1.75 per 4-lb. bag. Get our prices on 100 lbs. and ton or over.

**NIATOX 3 DUST**, Code 813. Contains 3% DDT plus an inert carrier. Formulated to be used as a dust for control of insects alone wherever 3% DDT is recommended, viz.: corn borer, ear worm, cabbage worm, flea beetle, etc. Packed 50-lb. bags. Price: \$7.35 per 100 lbs.

**NIATOX 5 DUST**, Code 814. Contains 5% DDT, otherwise same as Code 813. Recommended for use where a straight 5% DDT dust is indicated. Packed 50-lb. bags. Price: \$8.30 per 100 lbs.

**NIATOX 10 DUST**, Code 834. Contains 10% DDT. For control of Japanese beetle grubs and white grubs and ants on lawns, greens, fairways and other fine turf areas. Use 250 lbs. per acre. Also used for control of roaches in factories, mills and other buildings. Packed in 50-lb. bags and 50-lb. cartons. 10-lb. bags. Price: \$10.80 per cwt. in 50-lb. bags; 90c per 5-lb. bag.

**LIQUID NIATOX 25**, Code 966. A 25% DDT solution formulated to eliminate re-crystallization of the DDT in the container and to afford greatest safety and effectiveness when used on potatoes and certain other crops as a spray for insect control. Readily emulsifiable in water and compatible with copper and most organic fungicides. Also used as a concentrate cut to 6 or 12 per cent in mist blowers. 5-gal. can, \$2.45 per gal.; 55-gal. drum, \$2.30 per gal. Get our price on larger quantities.

**METHOXCIDE 50 WETTABLE POWDER**, Code 94. Contains same active ingredients as "Marlate". For use on fruit and vegetables for control of curculio, cucumber beetles, cabbage worms, Mexican bean beetle, flea beetle, etc. This form of DDT is practically non-toxic to warm blooded animals when used as directed. Packed 24-lb. cartons, 6-4 lb. bags. Prices on request.

### Copper Fungicides

Sprays and Dusts—for use on Potatoes and Vegetables—with and without poison.

**DRY BORDEAUX POWDER**, Code 901. For preventing blight on grapes, potatoes, and other crops that are subject to rust, mildew and black rot. Contains 12½% metallic copper. Can be applied dry with bellows or wet as spray. Lb. canister, 50c; 4-lb. bag, \$1.40. Get our prices on larger quantities.

**COCS 55 NEUTRAL COPPER SPRAY**, Code 557. Contains 55% metallic copper in the form of copper oxychloride sulphate. The best neutral copper spray. Especially effective in controlling blight on tomatoes, potatoes, cucurbits, celery, etc. Mixes readily with DDT, 5%, wettable rotenone powder, lead arsenate, etc. Use 3 lbs. per 100 gals. Packed 36-lb. carton, 12 3-lb. bags. Price: \$16.00 per carton.

**COCS COPODUST**, Code 570. Fungicide only. Contains the highly effective neutral copper oxychloride sulphate in dust formulation. Contains no lime. For control of blight on potatoes, celery, tomatoes, etc. Do not use on grapes or beans. Packed in 50-lb. bags. Price: \$10.30 per cwt. Also packed in 50-lb. carton, 10-5-lb. bags. Price: \$1.15 per bag.

**CUCURBIT DUST**, Code M535. Best all-purpose dust for cucumbers, melons and squash. Controls striped cucumber beetles and other rasping or chewing insects as well as blight and mildew. Packed 50-lb. bags. Price: \$5.70 per bag. Get our price on larger quantities.

**COCS NIATOX 3 DUST**, Code 827. Contains 11.32% copper oxychloride sulphate for control of blight and 3% DDT for control of insects. Especially recommended for use on potatoes. Packed 50-lb. bags. Price: \$11.85 per cwt.

**COCS NIATOX 5 DUST**, Code 824. Identical to Code 827 except that it contains 5% DDT in place of the 3% DDT in the Code 827. For use on potatoes where a 5% DDT formulation with copper is preferred. Packed 50-lb. bags. Price: \$12.85 per cwt.

### New Organic Insecticides and Fungicides

Many have specific uses only. Space too limited to give full detail. Consult your Agricultural Experiment Station or our spray service field men.

**PURATIZED AGRICULTURAL SPRAY**, Code 837. Phenyl mercuri ammonium lactate. A specific for apple scab control and eradication. Also used to control anthracnose on certain shade trees, also a disinfectant in controlling ring rot of potatoes. Packed in 1-gal. and 1-pt. containers. Price: \$11.55 per gal.; \$1.65 per pint in case lots of 24 pints.

**NIAGARA CARBAMATE**, Code 93. The active ingredient is 76% ferric dimethylthiocarbamate which is also the active ingredient in "Fermate." Both are identical in use. Niagara Carbamate mixes readily with water. Principal use on apples, pears, raspberry canes, cabbage and tobacco seed beds, cranberries, grapes, roses, etc., for control of scab, anthracnose, leaf spots, mildews, etc. Packed 30-lb. carton, 10 3-lb. bags. Price: 65c per lb. Case lots, 62½c per lb. Get our price on larger quantities.

**NIAGARA CARBAMATE DUST**, Code 240. Active ingredient ferric dimethylthiocarbamate. Used for same purposes as Niagara Carbamate, Code 93, where a dust is preferred. Packed 50-lb. bags. Price: \$10.60 per 100 lbs. Also available in combination with lead arsenate and DDT. Prices on request.

**NIAGARA KOLO CARBAMATE**, Code 47. A formulation of fused bentonite sulphur and ferric dimethylthiocarbamate as a spray for apples, etc., where a combination of sulphur and carbamate or fermate is desired. Use at rate 3½ lbs. per 100 gals. on apples. Packed 12 3½-lb. bags per carton. Price: \$9.35 per carton.

**NIAGARA PHYGON-XL**. Contains 50% 2, 3 Dichloro, 1,4 Naphtho Quinone for use as a fungicide spray to control diseases of apples, beans, celery, cherries, peaches, roses and tomatoes. Packed 48-lb. carton, 12 4-lb. bags. Price: \$1.54 per lb.

**NIAGARA PHYGON DUST**. Contains 8% Phygion-XL for the same purposes as Phygion-XL Wettable where a dust is preferred. Packed 50-lb. bags. Prices on request.

**NIAGARAMITE**. We have the new organic Miticide-Aramite which is excellent for the control of red mite and red spider in orchards and nurseries. This material is formulated as a wettable powder, a dust and as an emulsion. Packed case 12 4-lb. bags. Price: 72c per lb. or \$34.56 per case.

# Insecticides and Fungicides

## Niagara Brand

**DDD 50 WETTABLE POWDER**, Code 215. Contains 50% Dichloro-diphenyl-dichloroethane. Used for the control of red-banded leaf roller on apples where a wettable powder is preferred. The usually recommended dosage is 2 lbs. in 100 gals. of spray. Packed 50-lb. bags. Prices on request.

**DIELDRIN WETTABLE 25%**, Code 819. The new insecticide for the control of cutworms, grasshoppers, tarnish plant bugs, thrips, chiggers, mosquitoes, plum curculio and many other pests. Packed 24-lb. cartons, 6 4-lb. bags. Price on request.  
A miscible form of Dieldrin, Code 833, is also available. Price: 1-gal. jugs on request.

### LINDANE

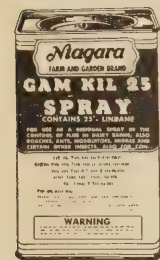
**"LINDANE."** Niagara Gam Kil dust and spray formulations, containing the gamma isomer of benzene hexachloride. The gamma isomer is for all practical purposes odorless and tasteless. Gam Kil formulations are:

**GAM KIL 1 DUST**, Code 33. Used for the control of aphids, leaf miners, spittle bugs, Japanese beetles, and rose chafers. Packed 50-lb. bags. Price: \$13.85 per 100 lbs.

**GAM KIL 25 SPRAY**, Code 261. Contains 25% "Lindane." Used for the control of aphids, leaf miners, and household pests such as flies and cockroaches. Packed 20-lb. carton, 4 5-lb. bags, 15-lb. bulk fiber drum. Price: 5-lb. bag, \$3.10 per lb.; 15-lb. fiber drum, \$2.85 per lb.

**GAM KIL 25 EMULSION**, Code 34. Contains 25% "Lindane" in a water emulsible form. Used for the same purposes as Code 261 Gam Kil 25 Spray, in addition lends itself to use in concentrate applicators. Packed 1-gal. cans; 5-gal. drums. Price: 1-gal. can, \$25.50; 5-gal. can, \$25.30 per gal.

**GAM KIL 25 CONCENTRATE**, Code 268. Contains 25% "Lindane." A concentrate material used for formulating products containing "Lindane." Packed 1-gal. cans; 5-gal. drums. Prices on request.



**CODE 404 BHC 10 SPRAY**. A wettable powder containing 10% gamma isomer BHC plus other isomers. Recommended for cabbage maggot control and curculio control in specific instances. Packed 50-lb. ctn., 10 5-lb. bags. Ask us for prices and full information on use.

### CHLORDANE

**CHLORKIL 40 SPRAY**, Code 134. A dry wettable formulation containing 40% chlordane for the control of grasshoppers, curculio, ants and certain other turf insects. Packed 24-lb. carton. 6 4-lb. bags. Price: per carton, \$14.10; 4-lb. bag, \$2.75.

**CHLORKIL 5 DUST**, Code 43. Contains 5% technical chlordane. For control of ants and grasshoppers, use 20 to 40 lbs. per acre. Packed 50-lb. bags. Price: \$11.50 per cwt.

**CHLORKIL 72 MISCIBLE**, Code 237. A miscible formulation of chlordane. Each gallon contains 5 lbs. technical chlordane. 1-gal. jug, \$12.20; Per gal. in 5-gal. drum, \$11.70.

### TEPP

**NIAGARA TEPP**. Also known as Hexamite Code 997. contains 40% tetra ethyl pyrophosphate and 60% other related organic phosphate esters. It is outstanding for control of mites on apples, aphids and certain other insects. It is a contact toxicant. Packed in 1 gal. and 1 pt. glass containers. Prices on request. There is also a 1% Niagara Tepp Dust, packed 50-lb. bags, available. Prices and further information on request.

### PARATHION

**NIAGARA PHOSKIL SPRAY**, Code 66. Contains 15% parathion. As a wettable powder, effective against many insects such as red mite, bud moth, Oriental fruit moth, etc. Packed 24-lb. carton, 12 2-lb. bags. Prices on request.

**NIAGARA PHOSKIL DUST**, Code 67. Contains 1% parathion. Used for the same purpose as Niagara Phoskil Spray where a dust is preferred. Packed 50-lb. bags. Prices on request. Also 1½% and 2%.

**NIAGARA PHOSKIL 25 MISCIBLE**, Code 544. Used for same purpose as Phoskil spray where an emulsion is preferred. Prices and further information on request.

### NIAGARA Z-C

**NIAGARA Z-C SPRAY**, Code 49. Contains 70% Zinc Dimethylthiocarbamate formulated as a wettable powder. Especially recommended for use on tomatoes in an alternate spray program with C.O.C.S. copper for control of diseases. Use 1½ to 2 lbs. Z-C per 100 gals. Recommendations for Zerlate or Z-C Spray are identical. Packed 36-lb. carton, 12-3-lb. bags. Price: \$22.50 per carton. Get our price on larger quantity.

**NIAGARA Z-C DUST**, Code 48. Contains 7% active ingredients or the equivalent of 10% Zerlate. Especially effective for early blight and anthracnose, also acts as a plant stimulant to increase yields in tomato fields and certain other crops. Packed in 50-lb. bags. Use 20 to 40 lbs. per acre. Price: \$10.35 per cwt.

## Sulphur Fungicides

### Kolo Formulations

Sulphur Sprays and Dusts for use on apples, peaches and wherever sulphur or sulphur and arsenicals are indicated to prevent disease or control chewing insects.

**KOLOFOG**, Code 323. A highly effective fused bentonite-sulphur spray for use on apples and peaches replacing lime-sulphur solution following dormant or delayed dormant use. Because of its great effectiveness, it makes an excellent carrier for arsenate of lead. Non-caustic and is especially recommended for the pre-blossom, calyx and first cover sprays. In the latter sprays where the excellent sticking qualities of Kolofog may be objectionable, we recommend use of Kolo spray. Price: 48-lb. carton (8 6-lb. bags), \$5.40; 5 cartons or more, \$5.15 each; 6-lb. bag, 90c.

**KOLO 100**, Code 437. A highly effective combination of fused bentonite, sulphur and dichloro naphthoquinone for the control of fungous diseases on apples and peaches. Packed 42-lb. carton, 12 3½-lb. bags. For prices and additional information see us.

**KOLOSPRAY**, Code M512. A wettable sulphur of micron fineness fortified with fused bentonite-sulphur to improve covering qualities and effectiveness of the wettable type of sulphur. One of the best so-called wettable sulphurs on the market. Price: 50-lb. bag, \$4.60; 100 lbs., \$8.70. Packed also 10 5-lb. bags per carton, per 100 lbs., \$9.90; per 50-lb. carton, \$5.15; per 5-lb. bag, 75c.

**NIAGARA KOLODUST**, Code 216. The new exclusive NIAGARA dust that "sticks through rain and wind." A fungicide only, used in the control of diseases on fruit and flowering plants. Packed in 50-lb. bags. Per 100 lbs., \$7.10.

**NIAGARA KOLODUST 100**, Code 421. An effective combination of fused bentonite sulphur dust and dichloro naphthoquinone, for the control of fungus diseases on apples and peaches. Packed 50-lb. bags. \$9.65 per 100 lbs.

**NIAGARA KOLOKIL**, Code 229. The new exclusive NIAGARA sulphur and poison dust containing large percentage of arsenate of lead. This material is used wherever extra heavy ravages of chewing insects prevail; also in controlling such diseases as may be present. Per 100-lb. bag \$11.60.

**KOLOKIL SPECIAL**, Code M524. The new exclusive Niagara sulphur and poison dust containing extra large percentage of arsenate of lead. This material is recommended where codling moth and gypsy moth are especially troublesome in Apple orchards. Per 100-lb. bag, \$14.00.

**KOLOKIL NIATOX 5 DUST**, Code 828. For use on Apples for control of scab, codling moth, curculio and leaf hopper. Packed in 100-lb. bags. Price: Per cwt., \$15.15.

**NIAGARA FARM BRUSH KILLER**, Code 718. A low volatile butoxy ethanol ester formulation. Contains 1 1/3 lbs. 2, 4-D and 2/3 lb. 2, 4, 5-T per gallon. Kills over 100 woody plants as well as thistles, knapweed and other perennial weeds without killing grass. Price: 1-gal. can, \$8.70. See us on larger quantities.

**NIAGARA COMMERCIAL BRUSH KILLER**, Code 596. A low volatile butanoxy ethanol ester. Kills lawn weeds as well as briars, poison ivy, poison oak, ragweed, honeysuckle, many other weeds and woody plants without killing grass. Price: 1-gal. can, \$10.50. See us on larger quantities.

**NIAGARA CLOVER KIL**, Code 735. We have the new Endothol formulation which has shown excellent promise in control of clover on golf turf. We also carry this chemical in another formulation which is used as a defoliate for nursery stock. Ask us for further information on Niagarathal-DF Liquid.

### Miscellaneous Materials

**DRY LIME-SULPHUR**. Used in dormant spray applications for the control of peach leaf curl, scales, etc., and for the control of apple and pear scab. Packed 1 lb. can, 65c; 5-lb. can, \$2.65; 200-lb. drum, 25 8-lb. bags, \$37.50.

**NIAGARA AMSOL**, Code 29. Amine type of weed killer—a liquid for farm use. 1-gal. can, \$5.18. Also packed in 5-gal. and 55-gal. drums. Prices on request—see circular.

**NIAGARA EstaSol**, Code 133. Ester type of 2, 4-D—recommended for killing woody and hard-to-kill weeds, poison ivy, etc. Used on rights of way by commercial sprayers. Get circular. 1-gal. can, \$5.25. Also packed in 5-gal. and 55-gal. drums. Get our prices on same.

**NIAGARA-STIK**. A hormone spray powder used in the prevention of premature pre-harvest drop of fruit and also at post blossom to effect chemical thinning of set. Active ingredient the sodium salt of naphthalene acetic acid. Packed in ¼-lb. can. 45c; case of 24 ¼-lb. jars, \$10.55.

**NIAGARA STIKCOL**, Code 537 (TCPPA). A new hormone spray for preventing premature drop of Apples. The active ingredient is a salt of 3, 4, 5-trichlorophenoxypropionic acid. It is used at the rate of ½ pt. per 100 gals. water. Packed 24 ½-pts. per carton. Prices on request.

**NIAGARA STIK-HORMONE DUST**, Code 632. An effective formulation of naphthalene acetic acid in dust form to prevent premature dropping of fruit. Packed 50-lb. bags, \$10.70 cwt. See us on double strength dust.

**Z-1, CODE 139**. Colloidal spreader, depositor, film builder. Reduces run-off and affords smoother coverage. Used at rate of ¼ lb. per 100 gals. water. Packed 25-lb. carton, 25 1-lb. bags per carton. Price: 45c per lb. in case lots.

# Farm and Garden Tools

## Steel Garden Rake



### LEVEL HEAD

	<b>14 Straight Teeth—Long Ferrules</b>	Each
No. T14.	True Temper, 5½-ft. handle	\$2.35
No. X14.	True Temper Heavy Road Rake	4.15
No. B15.	True Temper Bow Rake, 15 teeth	2.65
No. G16.	True Temper Gravel Rake, 16 teeth, 2¼-in. teeth	2.50
No. PB14.	Briar Edge Bow Rake, 14 teeth	2.20
No. PL14.	Briar Edge Level Head Rake, 14 teeth	1.75

## True Temper Hay Fork



### Regular 3-Tine; Tubular Ferrules; Bent Handle; 13-inch Oval Tines

		Each
No. 0133½B.	3½-ft. handle	\$3.00
No. 0134B.	4-ft. handle	3.10
No. 0134½B.	4½-ft. handle	3.20
No. 0135B.	5-ft. handle	3.40

## Manure Fork



### Five-Tine; Tubular Ferrules—13-inch Tines

		Each
No. 054.	True Temper, long handle, 4-ft.	\$3.50
No. 05D.	True Temper, 32-inch bent D-handle	3.60
No. 06D.	True Temper; 32-inch bent D-handle, 6-tine	3.90
No. 064.	True Temper, long handle, 4-ft.; 6-tine	3.75
No. P06D.	Briar D-handle, 6-tine	3.30

## Ensilage or Barn Fork



### 16-inch Oval Tines—30-inch Bent D Handles

		Each
No. 508.	True Temper, 8-tine	\$6.95
No. 510.	True Temper, 10-tine	7.85

## Stone or Ballast Forks

### 30-inch Bent D-Handles—10-inch Tubular Ferrules

		Each
No. 98S.	8-tine True Temper	\$7.05
No. 102S.	12-tine True Temper	7.75
No. 6L.	Stone Picker Fork, 4-ft. handle	3.80

## Speedy Cultivator

### Four Teeth—4 1/3 ft. Handle

No. SC4.	True Temper	Each \$2.65
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## Grass Scythes

### Mailing weight, 3 lbs.

		Each
True Temper Briar Edge		\$2.40
Little Giant		2.75

## Weed or Bush Scythes (Specify)

True Temper Briar Edge	\$2.40
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## Scythe Snaths

		Each
No. 50.	Ash Grass	\$3.50
No. 105.	Bush Snaths	3.95

## True Temper Coke Forks

		Each
No. 710.	10 tines, 1¼-in. between tines	\$7.75
No. 712.	12 tines, 1¼ in. between tines	8.40

## Bush Hooks

		Each
No. 1130.	Collins, with 36-in. handle (3 lbs.)	\$3.75
No. 19.	Little Giant Combination Axe and Hook	4.50
No. 10.	True Temper "Bloods". 36-in. handle. 3½ lb. head	3.75

## Cattle Cards

No. 444.	Small special fiber. 5¼x3½	Each \$0.45
	Postage extra, 5c each.	

All Prices Are Subject to Change Without Notice

## Four-Tine Spading Fork



### 12-inch Tines; Approximate Width 7½ inches; 30-inch I. D. Handle

		Each
No. MS.	True Temper	\$2.90
No. M5L.	True Temper, long handle	2.90
No. P0LD.	Briar Edge, D-handle	2.55

## Meadow Hoe



### Long Socket Pattern; 3½ inches Deep; 4 1/3-ft. Handle

		Each
No. M03.	True Temper Blade, 8 inches wide	\$2.50
No. M09.	True Temper Blade, 9 inches wide	2.55

## Square Top Onion Hoe

### 4 1/3-ft. Handle; Blade Width 7 inches; Blade Depth 1¾ inches.

No. S71¾.	True Temper	Each \$2.35
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## Corn Hoe

### 4 1/3-ft. Handle; Blade Width 8½ inches; Blade Depth 2¾ inches.

No. CT08½.	True Temper	Each \$2.55
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## Turf Edger (Flat Top)

### 4-ft. Handle; Blade 9 inches Wide; 4¾ inches Deep.

No. 040F.	True Temper	Each \$2.50
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## Potato Hooks



### Long Ferrules—4 1/3-ft. Handle; 7-inch Tines; Goose Neck Pattern

No. 5GNR. 5-tine, True Temper  
Each \$3.20

## Mortar Hoers

### Shank Pattern, 5½-ft. Handle

		Each
No. 9.	9-inch, True Temper	\$3.90
No. 10.	10-inch, True Temper	4.15
No. M210.	10-inch, True Temper, with 2 holes	4.15

## Scuffie Hoe

### (Push or Pull)

### 2½ inches Deep; 8 inches Wide; 5-ft. Handle

No. XG55.	True Temper	Each \$3.10
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## Rugg Wooden Rakes

		Each
No. 05.	Hay Rake, 14 teeth	\$2.00
No. 39.	Lawn Rake, 18 teeth	2.15



## Miracle Grass Shear

New and better. No more blisters—no more tired hands. Built strong enough to do the heaviest work and last for years. Price: \$2.50. Mailing weight 4 lbs.

Long handle Miracle grass shear. Price: \$7.50. Mailing weight 6 lbs.

## Disston Spring Rake

### (Not shown)

The Disston Spring Rake is outstanding. The only rake with a "Backbone" Spring which takes the strain off the teeth.

		Each
No. D18.	18 inches wide	\$2.75
No. D24.	24 inches wide	3.60

## True Temper Garden Tools

		Each
No. 1GC5.	5-prong, True Temper Invincible Cultivator	\$2.50
No. TR8.	8-Tooth Floral Rake	1.65
No. DST.	True Temper Garden Trowel	1.40
No. IGH7.	Italian Grape or Grading Hoe	4.00

## Grass Hooks

		Each
No. 2.	True Temper	\$1.00
No. 1½.	Champion (True Temper)	.75
No. 5.	Lightning (North Wayne)	.75
No. 11.	Nolin's (North Wayne)	1.25
	Mailing Weight 2 lbs.	

# Farm and Garden Tools

## No. 12 Planet Jr. Double and Single Wheel Hoe

Price, \$19.95



Planet Jr. Double Wheel Hoes are almost universally used by professional vegetable growers. They will straddle the crop, hoeing both sides of the row at once and until the plants are 20 inches high. The No. 12 includes all the equipment usually required for gardening—a pair of hoes for shallow cultivating and weeding, four steel cultivator teeth for general cultivation and a pair of plows for hilling, furrowing, etc. A long bolt and ferrule are furnished for changing to a single wheel hoe for later cultivation.

## No. 16 Planet Jr. Single Wheel Hoe

Price, \$15.50

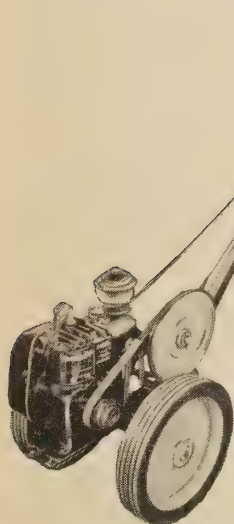


## No. 17 PLANET JR. SINGLE WHEEL HOE—\$13.25.

This is exactly the same machine as the No. 16 except that it does not have the leaf guards or the rakes. It is the most popular single wheel cultivator for home garden use.

## No. 220 Planet Jr. Fertilizer Distributor (not shown.) Price: \$47.50.

## Planet Jr. Tuffy 1 H.P. Tractor



The Multi-Purpose Planet Jr. Tractor with its one horse-power engine is light. Easy to handle and useful for many different operations. The power unit for the small home owner. For mowing lawns. For snow plowing. For all types of cultivating. For pulling a trailer cart. Weight 80 lbs. Wheels 14-in. OD x 2 3/4-in. tire. Belt and chain drive controls: two, throttle and clutch.

### Tractor Price: \$109.95

- No. A1 Cultivator. Price: \$7.95.
- No. 10439X Lawn Mower Hitch. Price: \$10.50.
- No. A20 Trailer Cart. Price: \$23.50.
- No. A40 Snow Plow and Grader. Price: \$9.95.
- Chains for Tuffy Tractor Set, \$3.95.

## New! True Temper Dynamic Grass Shears



Tests prove it's America's finest. Blades of high carbon steel. Handles lacquered in brilliant goldenrod-yellow. No. 88, Price: \$2.50. Mailing weight 3 lbs.

## No. 300A Planet Jr. Seeder

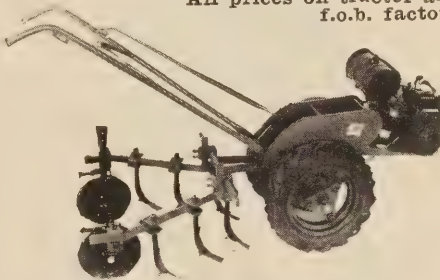
Price, \$34.95



The No. 300A is rapidly becoming the most popular seeder for market gardeners. It is a plate seeder, having three seeding plates, each with 13 holes, giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate. For use on ordinary soil. No. 300 SEEDER. Same as No. 300A but with flat roller wheel 11 inches in diameter for use on muck and sandy soil.

## Planet Jr. Tractors

All prices on tractor and attachments f.o.b. factory.



### MODEL BP-1 (1 1/2 H.P.) TRACTOR

With 4.00 x 12 rubber tires not shown. Price: \$185.00.

### MODEL B-8 TRACTOR (2 1/2 H.P.)

With 5.00 x 12 rubber tires (less cultivator as shown). Price: \$219.00.

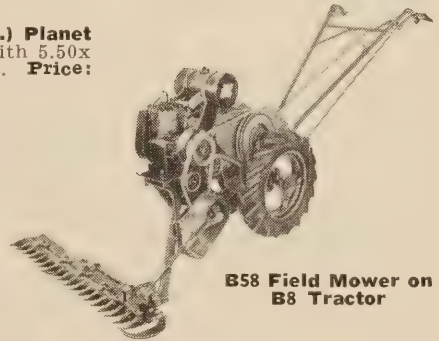
## Attachments for BP-1 and B-8 Tractors

B58 Field Mower	\$85.00
B12 Cultivator	29.95
B21 6-Inch Plow with Coultter	35.50
B40 Snow Plow and Grader	29.50
B62 Disc Harrow	43.50
AB34 One-Row Seeder	41.00
9965X Wheel Weights	16.50
10,133X Lawn Mower Hitch	7.95
B75 Fertilizer Distributor	27.50
B52 Trailer Cart Only	107.50
B51 Power Lawn Mower, 24-inch	94.50

Model HB (3 H.P.) Planet Jr. Tractor. With 5.50x16 rubber tires. Price: \$365.00.

Model H.W. (5 H.P.) Planet Jr. Tractor. With 5.50x16 rubber tires. Price: \$395.00.

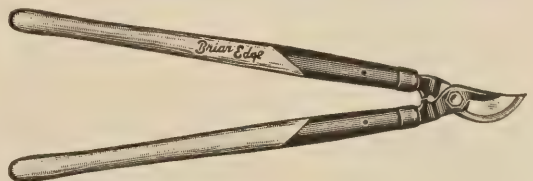
HT Cultivating Gang and Equipment, 27-Inch. Price: \$26.50.



B58 Field Mower on B8 Tractor

HTN Cultivating Gang and Equipment, 22-Inch . . . \$29.95  
HT26 9-Inch Plow or HT27 10-Inch Plow with Hitch. 44.65  
HT10 Cultivator Complete . . . . . 47.50

## No. 122 True Temper "Briar Edge"



Lopping Shear Tubular Steel Ferrules and Caps. Handle length, 22 inches. Price: \$2.75. Mailing weight 4 lbs.

# Farm Tools

## Myers Hay Unloading Tools

Double Steel Track. Per ft. ....	\$ 0.48
No. 7240A7. Hanger Hook. 1/2" x 7". Each .....	.33 3/4
No. 5837A. Pulley Hook. 3/4 inch. Each .....	.37 1/2
No. 201. Hay Unloader, O. K. Adjustable. Each ..	25.75
No. 7725C. Knot Passing Pulley, Each .....	1.95
No. 5318E. Two-Tine Harpoon Fork. 25-inch. Each ..	6.70
No. 5322. Two-Tine Harpoon Fork. 31-inch. Each ..	8.75
No. 9077D2. Four-Tine Grapple Fork. 32 inches ..	18.90
No. 9077D1. Four-Tine Grapple Fork. 28 inches ..	17.85
No. 7837B. Rafter Bracket. Each .....	.10 3/4
No. 7242A10. Jointed Hanger Hooks. Each .....	.54

## Columbian Manila Rope

Price per lb.		Price per lb.	
1/4 in. diameter .....	\$0.67	1/2 in. diameter .....	\$0.63
3/8 in. diameter .....	.65	5/8 in. diameter .....	.62
3/4 in., 7/8 in., 1 in. diameter .....	.60		

Ask for prices on coil lots.

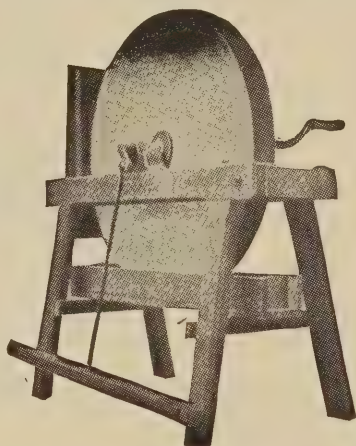
**Binder Twine.** Packed ten 5-lb. balls or six 8-lb. balls to bale. .... **Market Price.**

**Hay Baler Twine.** Packed 2 20-lb. balls to bale. **Market Price.**

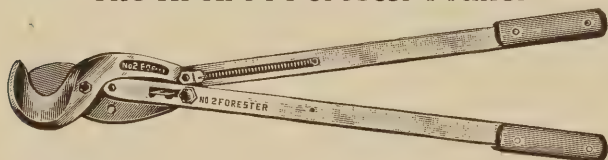
## Hecla Wood Frame Mounted Grindstone

24x2 in. ..	\$39.50
24x3 in. ..	44.00
26x2 1/2 in. ..	46.75
26x3 in. ..	46.75

**Hecla Motor Driven Grindstone.** Complete with 24x3 in. diameter stone. **\$76.75**

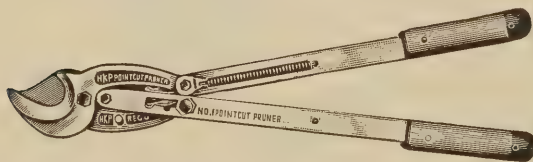


## The H. K. P. Forester Pruner



The Forester has a patented slide-shift power slot. Powerful and ruggedly built for lifetime use. Each **No. 2.** 27 in. long, capacity 1 1/2 in. Weight 4 lbs. 10 ozs. **\$9.40**  
**No. 3.** 34 in. long, capacity 2 in. Weight 7 lbs. 4 ozs. **11.20**

## Porter Pointcut Pruners



**No. 120. Point Cut Pruner.** 20 in. Weight 2 lbs. 12 ozs. **\$8.40**  
**No. 124. Point Cut Pruner.** 24 in. Weight 3 lbs. .... **8.70**

**NEW No. 8A PORTER DURA CUT.** One-hand Pruner Anvil type. Carefully designed to cut better and easier and to last longer than other anvil type pruners. The exclusive plastic covered comfort grips are easy on the hand, length 8 inches, weight 12 ozs. **Price: \$2.75.**



**NEW No. 8S PORTER DURA SHEAR.** One-hand Pruner Shear type. Same features as No. 8A, length 8 1/4 inches, weight, 12 ozs. **Price: \$3.50.**

# BLAIR Lawn Mowers

## Power and Hand

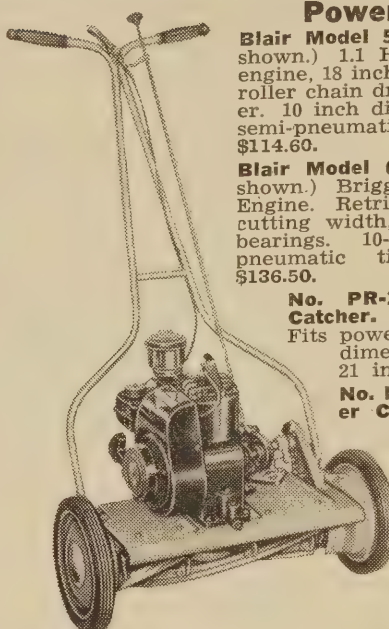
**Blair Model 55 Power Mower.** (Not shown.) 1.1 H.P. Briggs & Stratton engine, 18 inch cutting width. Sturdy roller chain drive. Retrievable Starter. 10 inch diameter puncture proof semi-pneumatic tired wheels. **Price: \$114.60.**

**Blair Model 66 Power Mower.** (As shown.) Briggs & Stratton 1 1/2 H.P. Engine. Retrievable starter, 21-inch cutting width, sealed precision ball bearings. 10-inch diameter semi-pneumatic tired wheels. **Price: \$136.50.**

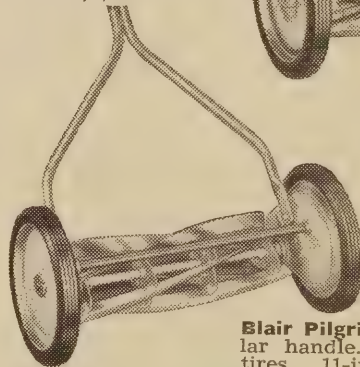
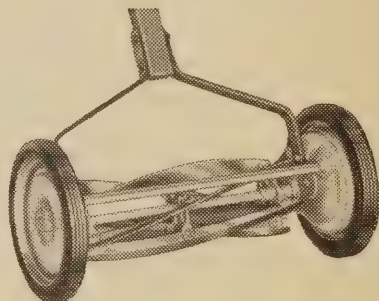
**No. PR-244-1S Power Mower Catcher.** 15 in. deep, 23 in. wide. Fits power mower with outside dimensions 16 in. through 21 in. **Price: \$3.80.**

**No. PR-224-2A Power Mower Catcher.** 17 1/2 in. deep, 26 1/2 in. wide. Fits power mower with outside dimensions 18 in. through 24 in. **Price: \$3.80.**

**Blair Yankee.** (Not shown.) Hardwood handle, eight-inch wheels, 4 blades, 14-inch cut. Solid rubber fitted tires. **Price: \$15.65.**



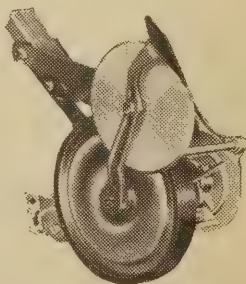
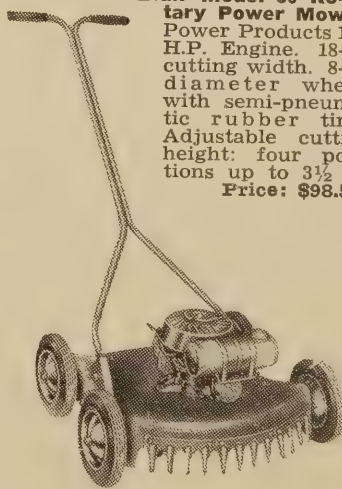
**Blair Blazer.** Hardwood handle, 10-inch closed wheels, five blades, semi-pneumatic fitted tires. Automatically adjusted ball bearings, sturdy construction throughout. Enamel finish in Chinese red and super green. **Price: 16-inch, \$17.95.**



**Blair Homestead.** Tubular handle, 10-inch closed wheels, semi-pneumatic fitted tires, automatically adjusted ball bearings, 5 blades, rubber handle grips, enamel finish in super green with ivory trim. **Price: 16-inch, \$19.20; 18-inch, \$20.35.**

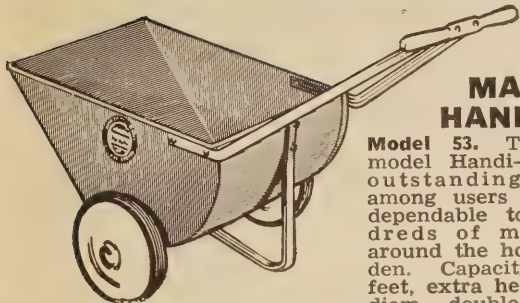
**Blair Pilgrim.** (Not shown.) Tubular handle. Semi-pneumatic filled tires. 11-inch wheels, 5 blades. **Price: 16-inch, \$24.20; 18-inch, \$25.85.**

**Blair Model 30 Rotary Power Mower.** Power Products 1.25 H.P. Engine. 18-in. cutting width. 8-in. diameter wheels with semi-pneumatic rubber tires. Adjustable cutting height: four positions up to 3 1/2 in. **Price: \$98.50.**



**Blair Universal Lawn Trimmer and Edger.** 6-inch cutting width, 4 blades, solid rubber tire, automatically adjusted ball bearings. **Price: \$18.35.**  
Available also without edger. **Price: \$16.25.**

# Garden and Lawn Supplies



## MASTERS HANDI-CART

**Model 53.** This standard model Handi-Cart has an outstanding reputation among users as a sturdy, dependable tool for hundreds of moving jobs around the home and garden. Capacity  $3\frac{1}{2}$  cubic feet, extra heavy  $10\frac{1}{4}$ -inch diam., double disc wheels with  $1\frac{1}{2}$ -inch tread rubber tires. Price: \$10.50.



**Model 20-D.** The Deluxe Handi-Cart is the finest on the market. Capacity  $3\frac{1}{2}$  cu. ft., 11-in. double disc wheels with  $1\frac{1}{2}$ -in. semi-pneumatic rubber tires. Has three legs. Tubular handle bars with two rubber handle grips for comfort and convenience. Price: \$15.25.

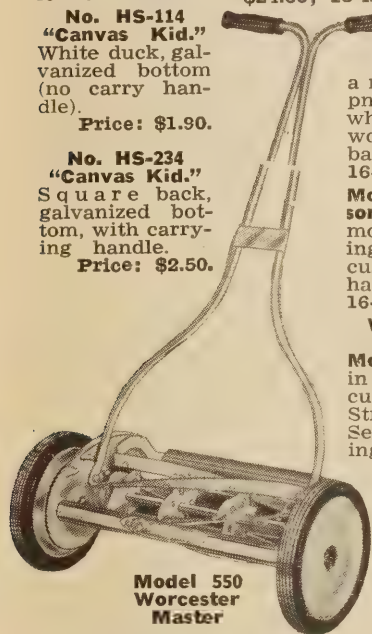
## WORCESTER LAWN MOWERS

### GRASS CATCHERS For 14-inch, 16-inch and 18-inch Mowers.

**No. HS-114 "Canvas Kid."** White duck, galvanized bottom (no carry handle). Price: \$1.90.

**No. HS-234 "Canvas Kid."** Square back, galvanized bottom, with carrying handle. Price: \$2.50.

**Model 550 Worcester Master.** 10-inch semi-pneumatic tires, cast wheels, sectional, 3-piece wood roller, oil-treated; handle of  $\frac{5}{8}$ -inch tubular steel, rubber grips, five blades. Price: 16-inch, \$24.60; 18-inch, \$26.00.

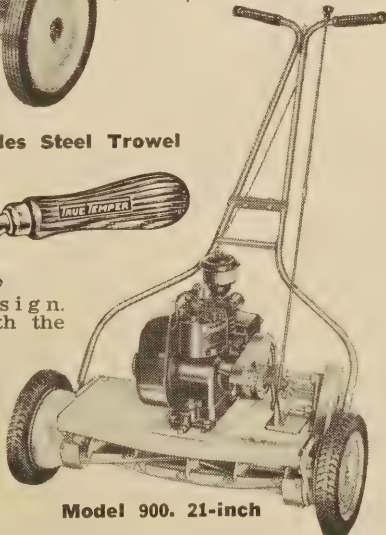


**Model 550 Worcester Master**

### True Temper Stainless Steel Trowel

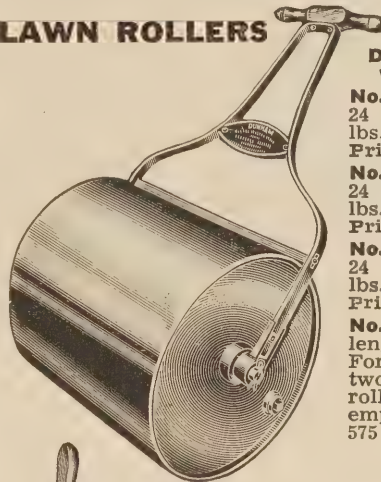


**No. TS—English design.** Perfectly shaped with the correct hang and balance for all general purpose use. Sharp semi-pointed blade is  $5\frac{1}{2}$ -in. long,  $3\frac{1}{4}$  in. wide. Fire hardened, resists weather and wear. Price: \$1.30. Mailing weight, 1 lb.



**Model 900. 21-inch**

## LAWN ROLLERS



### Dunham Waterweight with Oilite Bearings

**No. 2.** Diam. 14 in.; length 24 in.; weight empty 50 lbs.; water filled 160 lbs. Price: \$18.00.

**No. 4.** Diam. 18 in.; length 24 in.; weight empty 60 lbs.; water filled 220 lbs. Price: \$21.75.

**No. 7.** Diam. 24 in.; length 24 in.; weight empty 80 lbs.; water filled 400 lbs. Price: \$27.50.

**No. 109.** Diam. 24 inches; length 32 in. (not shown.) For use by either one or two men. Equipped with roller bearings. Weight empty 100 lbs.; water filled 575 lbs. Price: \$58.00.

## CLEMSON Lawn Mowers

**Model E17.** (as shown.) Full 17-inch cut. Price: \$33.95.

**Model 17.** (not shown.) 17-inch cut. Price: \$28.95.

**Model 16.** (not shown.) Cutting swath 14 inches plus. Price: \$24.95.

Send for complete circular showing these three Clemson Lawn Mowers.

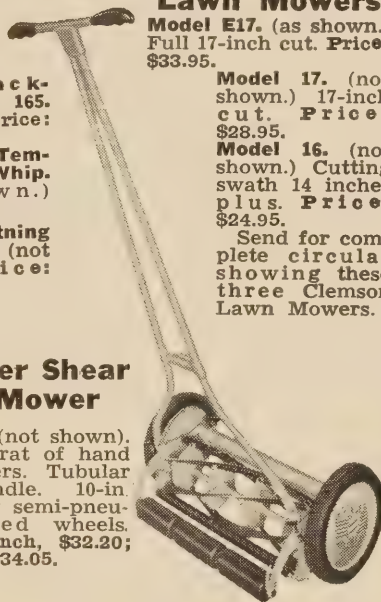
## Graswhip



**Village Blacksmith No. 165.** (as shown.) Price: \$2.15.

**No. 29 True Temper Grass Whip.** (not shown.) Price: \$1.50.

**No. 62 Lightning Grass Whip.** (not shown.) Price: \$1.15.



## Worcester Shear Lawn Mower

**Model 600.** (not shown.) The Aristocrat of hand Lawn Mowers. Tubular Steel Handle. 10-in. Heavy Duty semi-pneumatic tired wheels. Price: 16 inch, \$32.20; 18-inch, \$34.05.

## Worcester Rotary Power Mower

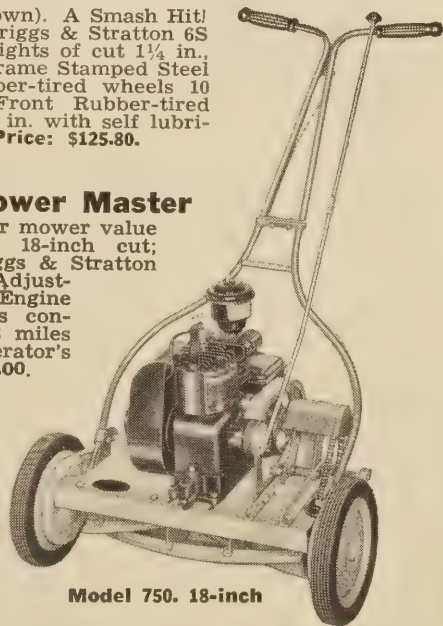
**Model 810.** (not shown.) A Smash Hit! Width 20 inches. Briggs & Stratton 6S engine 1.6 H.P. Heights of cut  $1\frac{1}{4}$  in., 2 in., and  $2\frac{3}{4}$  in. Frame Stamped Steel chassis. Read Rubber-tired wheels 10 in. by 1.75 in. Front Rubber-tired wheels 6 in. by 1.5 in. with self lubricating bushings. Price: \$125.80.

## Worcester Power Master

**Model 750.** A power mower value that's unbeatable. 18-inch cut; 4-cycle, 1 h.p. Briggs & Stratton engine; 5 blades. Adjustable ball bearings. Engine governor maintains constant speed 1 to 3 miles per hour at operator's whim. Price: \$113.00.

### Professional Capitol Lawn Trimmer and Edger

(Not Shown) Six-inch cut; 5 blades, 9-in. rubber tired wheel, wood handle. Price: \$19.95.



**Model 750. 18-inch**

# Garden and Lawn Supplies

## Soil-Soaker

Like all night rain, it really soaks the soil. Water seeps through entire length gently—no spray—puts water where you want it. All soaks to the roots. Made of scientifically treated mildew resistant canvas. One end screws to water hose, other end closed.



- No. 0. Length 12 feet. Mailing weight 2 lbs. .... \$1.80
- No. 1. Length 18 feet. Mailing weight 3 lbs. .... 2.40
- No. 2. Length 30 feet. Mailing weight 4 lbs. .... 3.70
- No. 3. Length 50 feet. Mailing weight 5 lbs. .... 6.00

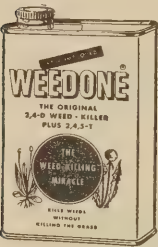
**NIAGARA CODE 836 PURATURF.** For control of crab grass and for control of turf diseases such as dollar spot, copper spot and little brown patch. Active ingredients: phenyl mercuri triethanol ammonium lactate 6%. For crab grass control use 4½ tablespoons per 10 gals. water applied to 1000 sq. ft. For disease control apply ½ pt. to 50 gals. water to 5000 sq. ft. of turf. Full directions on container. Ask for circular. Price: ½ gal., \$10.80.

**NIAGARA CODE 994 PURATURF 177.** The sensational new wettable organic cadmium fungicide for control of large brown patch, dollar spot and other fungous diseases of golf greens, lawns and fine turf grasses. Can be applied as spray or dust. Active ingredients: phenyl amino cadmium dilactate complex 20%. Use at rate of 1 lb. per 100 gals. water applied to 10,000 to 12,000 sq. ft. of turf. Full directions on label. Ask for circular. Packed 12 1-lb. pkgs. per case. 1 lb., \$2.95; case, \$29.50.

**Suspension Calo-Clor or Calo-Clor.** For control of turf diseases. Send for complete circular. 5-lb. canisters, \$5.35 lb., 25-lb. drums, \$4.95 lb., 50-lb. lots, \$4.94 lb.

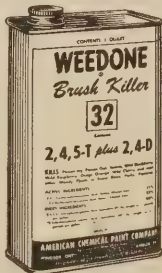
**Cadmate.** A cadmium compound for prevention and cure of dollar spot, etc. Price: 1-lb. can containing 32 ½-oz. packets, \$11.20 per lb. can; 5 lb. can bulk, \$9.60 per lb.

**Weedone Crab Grass Killer.** Contains potassium cyanate. It is not poisonous to humans and animals. One application will kill crab grass and chickweed under proper conditions, without killing clover, blue grass, fescue or other deep-rooted perennial grasses. It is easy to use, harmless to soil, clean and odorless, economical, and will not kill nearby shrubbery unless sprayed on it directly. Complete instructions on each can. 6½-oz. size, \$1.00 (enough to treat 500 sq. ft. of mature crab grass or 1,000 sq. ft. of seedling). 26-oz. can, \$3.00.



**THE NEW IMPROVED WEEDONE.** Contains the powerful 2,4,5-T and 2,4-D, the two most effective chemicals for killing lawn weeds, poison ivy, poison oak, honeysuckle, wild blackberries, wild raspberries and over 90 other weeds and woody plants without killing the grass. Non-poisonous to animals or humans. Kills a greater variety of lawn weeds and woody plants than any products containing only one of these chemicals. Does not give off vapors that cause injury to flowers or ornamentals. Prevents re-sprouting of tree stumps. The only all-purpose weed killer. Price: 8-oz. can, \$1.00; 1-qt. can, \$2.75; 1-gal. can, \$6.95; 5-gal. can, \$25.00.

**WEEDONE BRUSH KILLER 32.** This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in parks, playgrounds, pastures, roadsides, waterways, and any wooded area. Prevents re-sprouting of stumps. Price: 8-oz. can, \$1.49; 1-qt. can, \$3.95; 1-gal. can, \$8.70. Larger quantities on request.

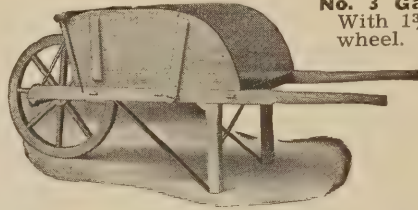


**Du Pont Ammate Weed Killer (Ammonium Sulfamate).** For poison ivy, poison oak, etc. Ammate is applied as a water solution from a sprinkling can or sprayer or as a dry application. Use at the rate of 1 to 1½ lbs. per gallon of water per 100 sq. ft. of area. To kill all vegetation in driveways, tennis courts, etc., apply Ammate dry or as a spray at the rate of 4 lbs. per 100 sq. ft. Price: 2-lb. jar, \$1.00; 6-lb. jar, \$2.70; 50-lb. drum, \$13.75; 350-lb. barrel, \$75.25.



## BUCH GARDEN WHEELBARROWS

No. 3 Garden Wheelbarrow. With 1¼-in. tread, wooden wheel. Price: \$26.50.



**Buch Model 6B Garden Barrow.** (Not shown.) Price: With 16 x2 semi-pneumatic rubber-tired wheel. \$9.95.

## GATES GARDEN HOSE

**Gates Flexible Sprinkler.** A revolutionary new idea in lawn watering. Puts water where you want it. Holes are on all sides—waters regardless of position in which it is placed. Price: 25-ft. lengths, \$4.95.

**Gates Plasti-cord.** Rubber core with rayon cords. Green plastic cover. ½-in. diameter. Price: 50-ft. lengths, \$8.95; 25-ft. lengths, \$5.00.

**Gates Springtime.** Built with two re-inforcing layers of tough plastic. Green. Popular price. ½-inch. 50-ft. lengths, \$7.95; 25-ft. lengths, \$4.45.

**Gates Trucord Red.** Guaranteed 10 years. Tightly braided rayon cord enables hose to withstand 650 lbs. water pressure. ¾ inch. 50-ft. lengths, \$9.50; 25-ft. lengths, \$5.10.

**Gates Trucord Black.** ¾ inch. 50-ft. lengths, \$8.25; 25-ft. lengths, \$4.75.

**Gates Ripple Black Single Braid Hose.** 50-ft. lengths, \$6.45; 25-ft. lengths, \$3.65.

## GOODRICH GARDEN HOSE

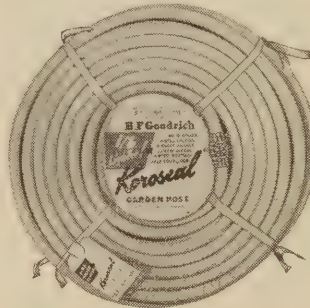
**Goodrich Koroseal Garden Hose.** Plastic in bright red or bright green. Multiple sided. 50-ft. lengths, \$9.80; 25-ft. lengths, \$5.75; 75-ft. lengths, \$13.85.

**Goodrich Garden Club Green.** Guaranteed 10 years. ¾ inch. 50-ft. lengths, \$9.50; 25-ft. lengths, \$5.10.

**Goodrich Maxecon Black 2-Braid.** Guaranteed 15 years. ¾ inch. 50-ft. lengths, \$10.75; 25-ft. lengths, \$5.75.

**Goodrich Signal 1-Braid Black.** ¾ inch. 50-ft. lengths, \$6.45; 25-ft. lengths, \$3.65.

**Green.** 50-ft. lengths, \$7.35; 25-ft. lengths, \$4.00.



## LAWN SPRINKLERS AND HOSE NOZZLES

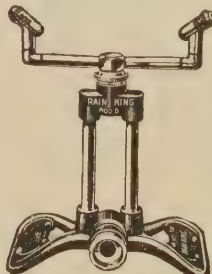
No. H375 Scoville Standard Brass Hose Nozzle. Price: \$1.00.

Boston Brass Garden Hose Nozzle. Price: \$1.35.

Model K Rain King Sprinkler. Price: \$8.50.

Model K20 Traveling Sprinkler.

Will sprinkle strip 5 to 50 feet wide as it travels. Automatically winds up steel tape to pull itself across lawn. Shuts off automatically. Price: \$36.50.

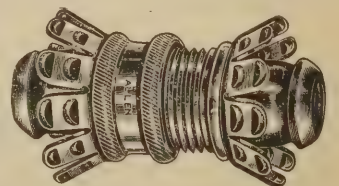


Rain King Model D Sprinkler. Price: \$5.95.



Rain King Model H Sprinkler (not shown). Price: \$7.65. "Allen" Improved "Ring" All-Brass Lawn Sprinkler. Price: \$1.75.

**BRASS CLINCHING HOSE COUPLINGS and MENDERS**  
**Coupling.** Made in three sizes: ½ in., ¾ in., 1 in. Specify size. Price: 42c each. Add for postage.  
**Mender.** (not shown.) Made in three sizes: ½ in., ¾ in., 1 in. Specify size wanted. Price: 17c each. Add for postage.





# Farm Equipment and Dairy Supplies

## Calf-Teria Nipple Pail



First choice of calf-raisers everywhere — because Calf-Teria pays for itself twice over (in milk savings) as compared to any other nipple pail on the market. 26 gauge galvanized steel 8-quart size. Price: \$3.00. Mailing weight 4 lbs. Extra nipples, Price: 60c each; Extra valves, Price: 80c each.

Dairy pails, milk strainers, cotton strainer discs, bottle carriers, bottle crates, milk cans, bottle brushes and other dairy supplies and remedies.

## Mid-West Pull Milk Bottle Caps—Stock Designs



Design No. 1405 Design No. 2507 Design No. 1433  
 Design No. 1395. Milk Pasteurized. (Not shown.)  
 Design No. 1859. Goat Milk. (Not shown.)  
 Design No. 2575. Chocolate Milk Beverage. (Not shown.)  
 All above caps are 40-point board, packed in tubes of 500. Price: Per 1000, \$1.45; 5000, \$1.35 per 1000; 10,000, \$1.30 per 1000. Mailing weight 4 lbs. per 1000.  
 See us for your Special printed bottle and can caps.

**B-K GENERAL CLEANER.** 125-lb. drum, \$14.88 each; 250-lb. drum, \$29.75 each; 10-lb. carton, \$1.75; 5-lb. carton, 90c.  
**B-K BOTTLE KOMPOUND.** 130-lb. drum, \$9.88 each; 340-lb. drum, \$25.16.  
**B-K POWDER AND B-K LIQUID** for dairy and poultry. 1-qt. bottle liquid, 90c; 1-gal. bottle liquid, \$2.00; 5-gal. bottle liquid, \$8.50. 1 1/4-lb. bottle powder, \$1.70; postpaid, \$1.85. 9 1/3-oz. bottle powder, 85c; postpaid, \$1.00.

No. 1—Calf leather neck straps, 30-in. x 1-in.. Price: \$1.25. Postpaid, \$1.40.  
 No. 36. **TAN COW HALTER.** 1 1/4-inch, riveted. Weight 2 lbs. \$3.00  
 No. 39 **CALF HALTER.** 1 inch. Weight 2 lbs. 2.25  
**PERCHERON TAN HORSE HALTER.** 1 1/4-inch, sewed and riveted. Weight 4 lbs. 5.50  
 No. 530. **SOLID BACK, ENAMELED CURRY COMB.** .50  
 No. 1. **REFORM CURRY COMB.** 3 Corrugated Shells, oval shape, leather strap .50  
 No. 100. **6-BAR OPEN CURRY COMB** .30  
 No. 15. 4 coils, reversible spring steel black handle .60  
 Add postage, 15c each.

## Harder Silos

For many years Ross Bros. Co. has represented Harder Silo Co. We solicit your silo inquiries.

## Brooms

No. 8. Hamburg Corn and Rattan Broom .....\$2.35  
 No. 9 Hamburg Corn and Rattan Broom ..... 2.50  
 No. 10 Hamburg Corn and Rattan Broom ..... 2.75  
 No. 7. Hamburg Peerless House Broom ..... 2.25  
 No. 6 White Cross House Broom ..... 2.35  
 No. 500-D Osborn 16-in. Buss, 5-Row Push Broom with Handle ..... 3.25

## Rubbish Burners

**Skyscraper**  
 Model E. 27"x16"x16" .....\$ 4.95  
 Model 3D. 30"x20"x20" ..... 8.95  
 Model 4D. 36"x24"x24" ..... 14.50  
**Cyclone "Catchall" Basket** ..... 4.55

## Certainteed Roofing Paper

Cert Smooth. 55-lb. and 65-lb. .... } Ask  
 Guard Smooth. 45-lb. .... } for  
 Cert Slate Surface. Red, green, black ..... } Prices

47 INCH  
10 BARS



## Fence and Barb Wire

Each  
**80-Rod Spools Lyman.** 4 pt. barb wire ..... Market Price  
**80-Rod Spools.** 2-ply twisted wire ..... Market Price  
**10-Rod Roll 1948-6 Specification 14 1/2**  
**Fence Wire.** 18 horizontal bars, 48 in. high, 6 in. stay . Market Price  
**20-Rod Roll 1047-6 Specification 11**  
**Fence Wire.** 10 horizontal bars, 47 in. high, 6 in. stay . Market Price  
**20-Rod Roll 1047-12 Specification 11**  
**Fence Wire.** 10 horizontal bars, 47 in. high, 6 in. stay. Market Price  
**20-Rod Roll 832-6 Specification 11**  
**Fence Wire.** 8 horizontal bars, 32 in. high, 6 in. stay Market Price  
 Have the above different rolls of fence wire in specification 12 1/2 which is lighter, also priced lower.

See us for  
**Poultry Netting, Heavy Galvanized Netting and Hardware Cloth.**  
**Lawn Fence and Flower Bed Border.**

## Dairy-Vac

The original Vacuum Cleaner for cattle. Makes cattle comfortable by removing irritating dirt and lice. Mounted on large rubber tired wheels, it rolls right to the job. Dairy-Vac is the choice of leading livestock owners everywhere. Price: \$39.00

## Shaffer Hand Power Units



**Midget "Come-Along."**  
 Tested to 2000 pounds. For light duty. Equipped with 4 feet of 1/4-inch BBB high test chain. Length of travel 37 in. Price: \$8.00.

**Standard "Come-Along."** Tested to 6000 pounds. Equipped with 5 ft. of 3/8-in. BBB high test chain. Length of travel 47 in. Price: \$11.00.

**Heavy Duty "Come-Along."** Tested to 8000 pounds. Equipped with 6 ft. of 7/16-in. BBB high test chain. Length of travel 60 in. Price: \$16.00.

Send for circular giving further details.

## Universal Milk Bottles

1 quart .....	Doz.	Gross
1 pint .....	Ask	for
1/2 pint .....	Prices	

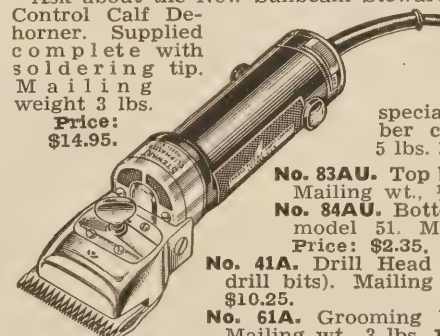
Prices on plain and colored lettered ware quoted on request.



## Sunbeam Stewart Electric Clipmaster

Ask about the New Sunbeam Stewart Automatic Heat-Control Calf De-horner. Supplied complete with soldering tip. Mailing weight 3 lbs. Price: \$14.95.

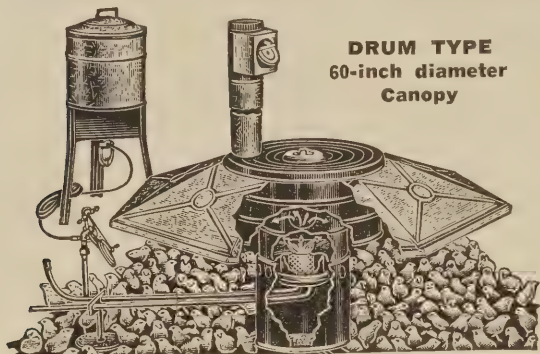
**Model 51-1 Electric Clipmaster.** Quiet powerful, ball bearing motor, special heavy-duty rubber cord. Mailing wt., 5 lbs. Price: \$37.95.



**No. 83AU.** Top blade for model 51. Mailing wt., 1/2 lb. Price: \$1.80.  
**No. 84AU.** Bottom blade for new model 51. Mailing wt., 1/2 lb. Price: \$2.35.  
**No. 41A.** Drill Head (supplied without drill bits). Mailing wt., 2 lbs. Price: \$10.25.  
**No. 61A.** Grooming brush attachment. Mailing wt., 3 lbs. Price \$17.95.  
**Model 31B-1 Shear-master.** (Not shown.) With 2 combs, 4 cutters, 110 volt AC-DC. For shearing the farm flock, tagging and shearing around the eyes of wool-blind sheep. Mailing weight 5 lbs. Price: \$46.75.

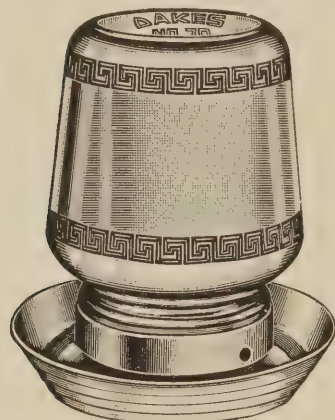
# Poultry Supplies

## Oakes De Luxe No-Cold Oil Brooder



**DRUM TYPE**  
60-inch diameter  
Canopy

No. 560. NO-COLD OIL BROODER. Price: \$36.80.  
No. 361. FUEL TANK STAND. Extra. Price: \$1.73.

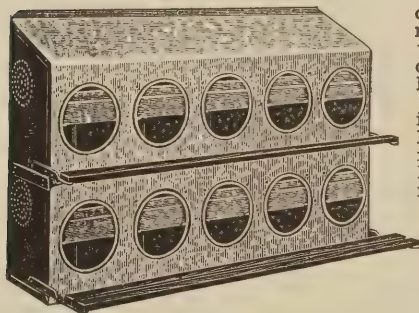


### Oakes New Plastic Base Fount

This new fount is ideal for starting chicks, broilers and poults. Glass jar is 1-gal. capacity with 5¼-inch top opening. Red plastic drinking pan is 8⅞ inches in diameter.

No. 70. Complete jar and base. Price: \$1.15 each; \$13.40 per doz.

### Oakes Galvanized Nests



Sanitary, durable, comfortable. Each nest 11½ inches wide, 13 inches deep, 13½ inches high. Round entrance hole is 9 inches in diameter. Provide one nest for each 50 hens. For 100 hens you need two. **No. 580A Nests.** Easy to assemble with bolts, nuts and metal bracing clips furnished.

No. 580A. 10-Hole Nest ..... \$17.30

Shipping weight, 43 lbs. Traps extra.

No. 590. Set of 5 Trap Doors. 2 sets needed for nest.  
Set of five ..... 4.40

No. 1265. Oakes Brooder Thermometer ..... \$0.40  
No. 263A. Oakes Incubator Thermometer ..... 1.25  
Add 10c for postage.

### Celluloid Bands

	Assorted Colors	Doz.	100	1000
No. 4. Baby Chick		\$0.10	\$0.40	\$3.00
No. 5. Pigeon		.10	.40	3.25
No. 6. Growing Chicks		.15	.50	4.00
No. 7. Bantams		.15	.50	4.25
No. 9. Leghorns		.15	.70	5.75
No. 10. Wyandottes		.15	.75	6.00
No. 11. Rocks, Red		.15	.80	6.50
No. 12. Jersey Giants, Brahmas		.15	.85	7.50
No. 13. Large Cocks, Turkeys		.20	1.00	9.50

Postpaid.

### 3x4 Chip Egg Boxes—Handy for Retail Trade

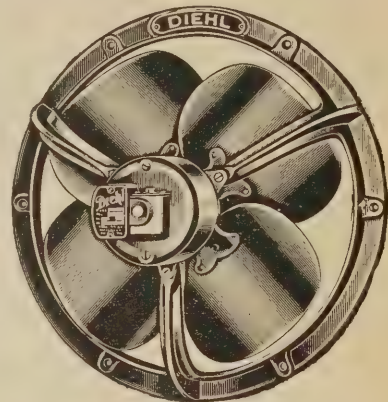
	Weight	Price
Dozen	2 lbs.	\$0.35
Bundle of 250	25 lbs.	4.10

Ask for prices in larger quantities.

## VENTILATING FANS for POULTRY HOUSES and Other Farm Applications



These ball bearing ventilating fans are ideally suited to this type of service. They offer protection against dust, moisture and similar factors encountered in poultry house operations, and can be installed with a minimum of time and expense.



No. 9EQD16. Price: \$35.80.  
No. 12EQD16. Price: \$38.80  
No. 16EQD16. Price: \$43.60

Alt. Cur.	Size (in.)	Appr. R.P.M.	Appr. C.F.M.	Catalog No.	
				Fan	Regulator
110-120 Volts	9	1575	450	9EQD16	1101-107
	12	1525	950	12EQD16	1101-305
	60 Cycles	16	1065	1130	16EQD16

### Graylawn Farm Louse-Chase

Kills every louse at trifling cost. 9-oz. can, 50c; 22-oz. can, \$1.00.

### Oakes Screw Cap Metal Pans



No. 69G. Galvanized Steel Pan fits neck any size Mason Jar (as shown) (does not include jar). Die-stamped pan 5⅞-in. diameter curled edge. Price: 16c each; \$1.90 per doz.

No. 64. Sani-Flow all glass pan, fits into neck of any size Mason Jar. Price: 17c each; \$1.95 per doz.

### Oakes Adjustable Roof Saddle

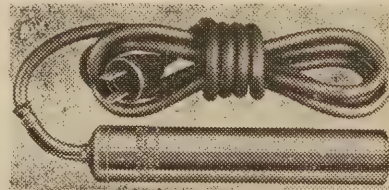
No. 143. For 5-inch pipe. Mailing weight 6 lbs. \$2.62.  
No. 143C. 5-inch pipe cap. 48c.  
No. 85C. Oakes Revolving Cap. 5-inch. \$1.20.

### Oakes Sturdy-Boy Wafer Thermostats

No. 416W. 3-inch double brass wafer for all coal brooders, many oil brooders and incubators. 48c each.  
No. 16W. 3-inch double brass wafer for oil brooders, screw stud. 57c each. Add 10c for postage.

### Rutland Water Glass

This preparation is used by many in preference to the dry powder. The preservative will preserve eggs perfectly. Price: 1 pt. (weight 4 lbs.), 25c; 1 qt. (weight 4 lbs.), 40c; 1 gal., \$1.25.



No. 15050. Smith Gates Automatic Electric Poultry Water Warmer. It keeps the water at a controlled temperature of 50° F. Completely insulated throughout and

can be used anywhere without fear of electric shock or fire hazard. Shipping weight 1 lb. Price: \$5.55.

### Androck Rubber Coated Egg Basket



No. 2393. Heavy black rubber coating prevents breaking of eggs. Capacity 15 dozen eggs. Holds ½ bu. Mailing weight 5 lbs. Price: \$2.75.

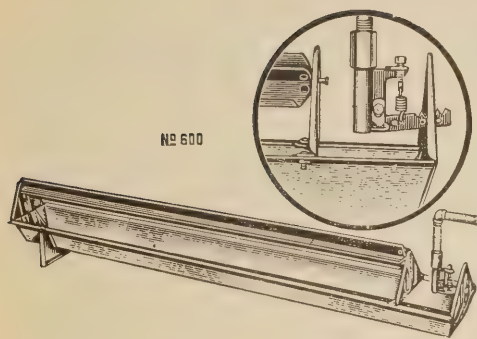
No. 15A. Oakes Wire Egg Basket. Mailing weight 5 pounds. Price: \$1.60 each.

# Poultry Supplies

**Oakes No. 600 Automatic Watering Trough** with 2-way water valve. Price: \$5.28.

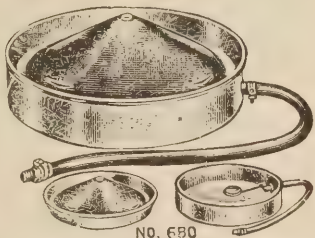
**No. 603 Water Trough** only. Price: \$2.82.

**No. 622 2-way Brass Valve** only. Price: \$2.64.



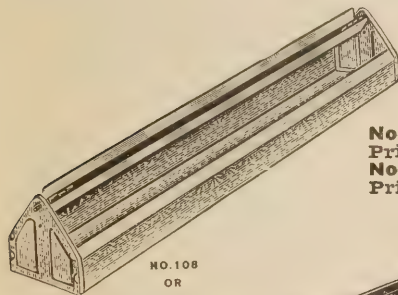
**No. 680 Oakes Pressure Type Waterer**, float valve control. 15 1/4-in. diameter round Drinking Pan. Provides 48 inches of drinking space. Price: \$5.75.

**Oakes Feeder Troughs** for starting Chicks. **No. 108**, Length 24 in. Price: 66c each. **No. 109**, Length 36 in. Price: 90c each.



**OAKES STREAM-LINED CHICK FEEDER.** A real quality feeder with adjustable stand. 4-blade revolving reel.

**No. 436**, Length, 36 in. Price: \$1.55 each.  
**No. 448**, Length, 48 in. Price: \$1.90 each.



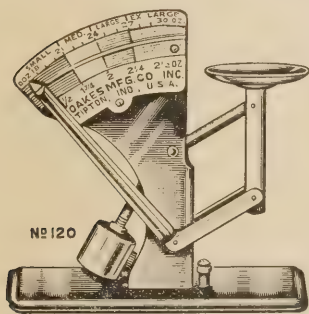
Ask us about Oakes Equipment, Broiler Feeders, Flock Feeders, Grit Boxes, Galv. Pans, Wire Guards, etc.



**No. 120. NEW OAKES EGG SCALE-GRADER** with easy to read 4-color angle dial to make grading or weighing faster and easier. Mailing weight, 2 lbs. Price: \$2.40.

## Jiffy-Way Egg Scale

The Jiffy-Way grading scale of new streamline design with four-color zone dial doubles grading speed, for you see instantly the correct weight and grade. **No. JW-5517**. Mailing weight 2 lbs. Price: \$1.85.



## Cel-O-Glass

**CEL-O-GLASS** is a glass substitute used by poultry raisers, also by growers for hotbeds. Has many other uses. Du Pont product. Comes in 25, 50 and 100-ft. rolls, in widths 28 in. and 36 in. We offer subject to our being able to obtain from the manufacturer. Price: 16c per sq. ft. in cut lengths; 15c per sq. ft. in full rolls.

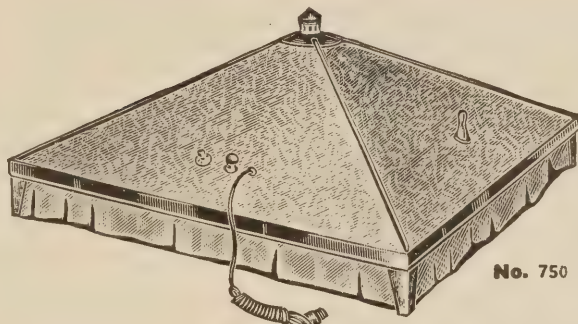
## Warp's Window Materials

**NEW FLEXO GLASS.** Clear, shatter-proof, flexible, durable. Holds in heat. Keeps out cold. Lets in sunshine Vitamin D. 36 inches wide. 100-yard roll, \$78.00; 50-yd. roll, \$39.00; 25-yard roll, \$19.50; cut price, 78c per yard.

**WARP'S WYR-O-GLASS.** Wire-base glass substitute: plastic glass. Extra high in ultra violet ray transmission. 36 inches wide. 50-yd. roll, \$52.50; 25-yd. roll, \$26.25; cut price, \$1.05 per yd.

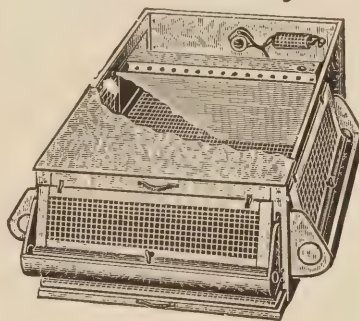
**WARP'S GLASS-O-NET.** Mesh Base Glass substitute. A plastic glass covered netting. Very transparent, high ultra-violet ray transmission. Can be washed with soap and water. 36 inches wide. 50-yd. roll, \$36.00; 25-yd. roll, \$18.00; cut price, 72c per yd. Samples gladly sent upon request.

## Oakes Electric Brooders



**No. 750.** Fan type 52x52 canopy. Capacity 350 to 385 chicks. Price: \$45.07  
**No. 751.** Fan type 48x72 canopy. Capacity 500 chicks. Price: \$54.10  
**NEW ELECTRIC BROODER, No. 700.** 100 to 150 capacity. Complete with drop cord, auto heat control. Weight 29 lbs. Price: \$13.85.

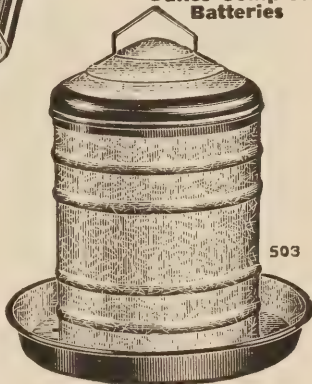
## Oakes "Gro-Ezy" Electric Brooder



Gro-Ezy Brooders are made entirely of metal; easy to clean. Has guaranteed heater, 110-volt AC automatic thermostat, troughs and drop cord.

**No. 801A.** Single unit, shipping weight 42 lbs., \$19.25.

See Us for Oakes Complete Batteries

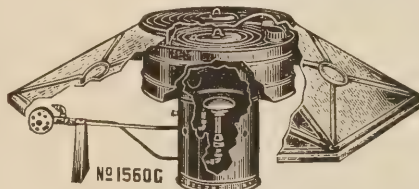


## Oakes Founts

**OAKES DOUBLE WALL FOUNTAINS** are made of heavy gauge Armco zinc grip steel. Double wall helps to keep water cool in summer and warm in winter. Top and can electric seam welded. Modernistic, roost-proof, smooth rounded tops are die-stamped. Easy grip U-shaped handle for carrying. **BRASS SPRING VALVE** used on 3-, 5- and 8-gallon sizes only.

**No. 502**, 2-gallon size, operates on vacuum principle. Attractive baked red enamel trim. Price: \$2.66  
**No. 503**, 3-gal. Cap. Mailing weight, 7 lbs. Price: 3.38  
**No. 505**, 5-gal. Cap. Mailing weight, 11 lbs. Price: 4.84  
**No. 508**, 8-gal. Cap. Mailing weight, 15 lbs. Price: 7.14

## Oakes Drum Type Gas Brooder



**No. 1560G. Drum Type Gas Brooder.** Burns artificial, natural or butane gas. Heat radiating drum 22 1/2 inches diam. Canopy 60 inches diam. Broods 450 to 500 chicks. No wet litter under

hover. Very economical operation. Automatic temperature control. Enclosed burner—no fire hazard. Can be hung from ceiling. Shipping weight 70 lbs. Price: \$34.80

## Oakes New Drum Type Gas Brooder

**NEW MAMMOTH CANOPY.** 84-in. diameter, big enough to brood 1,000 chicks. **No. 1584G.** Shipping weight 84 lbs. Price: \$42.88.

**OAKES INFRA-RED BROODERS.** (Not shown.)  
**No. 724.** With 4 bulbs. Price: \$15.40  
**No. 724.** WOB canopy only. Price: 11.00  
**No. 720.** Bulbs only. Price: Each 1.20

## Paragon Poultry Clocks

**Model PS30 Poultry Time Clock.** Morning and evening lighting with dimming. Price: \$11.50.  
**Model PIP Portable Plug-In Poultry Time Switch.** Price \$13.50.

# Farm and Garden Supplies

## Parmak Electric Fence Controllers

Quality and Dependability at Low Cost

**DeLuxe Field Model** (as shown). The finest battery operated electric fence built today. Fully water-proofed, portable outdoor model with heavy steel battery compartment. **Price: \$22.50.** Shipping weight, 14 lbs.

**Standard Field Model.** (Not shown.) High quality, weather-proof outdoor model. Heavy steel case with battery compartment. **Price: \$19.85.** Shipping weight, 12 lbs.

**Stocker Model.** (Not shown.) Well constructed low cost model for indoor operation. Heavy steel case, baked enamel finish. Uses any type

6-volt battery. **Price: \$13.75.** Shipping weight 7 lbs.

**Vita-Valve Model** (not shown). 110-volt A.C. This safe, dependable model is approved by Underwriters Laboratories. Heavy galvanized steel case, furnished complete, ready to plug into A.C. line. **Price: \$29.75.** Shipping weight 15 lbs.

## Copper Crown Electric Fence Wire

Copper Covered Steel

Heavy, welded on copper covering protects from rust, 30% copper, 70% steel. Copper Crown Wire carries just as hot a shock as larger sized smooth or barbed wire. **Price: Per 160-rod spool, \$9.75.** Mailing weight 15 lbs.

**Galvanized Electric Fence Wire** (17 Gauge). 160-Rod Spools (½ mile). **Price: Per spool, \$4.95.** Shipping weight, 22 lbs.

**Fence Insulators, Spring Gate Handles, Spring Tie Clips** and other fence accessories, prices on request.

## Electric Fence Post for Electric Fencing

No. 700-T ELECTRIC FENCE POST

A "Tee" iron post 54 in. high with large size anchor plate with 2 insulators and mountings. Finished in bright rust resistant red enamel. Packed 10 to carton. Sold only in units of 10. Shipping weight per carton, 32 lbs. **Price: 75c** each.

**Quick-Set "U-Lug" Style Steel Fence Posts with Ground Plate.** 6½ foot. **Price: 1-24, \$1.05** each; 25-49, \$1.02 each; 50 or more, \$1.00 each.

7½ foot. **Price: 1-24, \$1.25** each; 25-49, \$1.20 each; 50 or more, \$1.15 each.

## Sudbury Soil Test Kits



### De Luxe Model A

Contains complete equipment—test tubes, funnels, filter paper, pure tin stirring rod, built-in test tube rack, etc. Solutions for 200 tests for nitrogen, phosphate, potash and acidity (pH). Easy-to-understand instructions. Handsome hardwood lifetime chest. **Price: \$29.95.**

**Horticultural Model B.** As complete as the De Luxe Professional Model but smaller in size, with less soil testing solution. Full instructions. Wooden chest. **Price: \$14.95.**

**Jr. Professional Model C.** Makes the same tests as the Horticultural Model, but has less equipment. Solutions for 50 tests. Full instructions. Leathertex case. **Price: \$5.89.**

**Home Garden Model D.** (Makes 20 tests.) **Price: \$2.98.**

## Parker-Springfield Lawn Sweepers

USE PARKER'S YEAR 'ROUND **LAWN CONDITIONER** for a healthier, more beautiful lawn . . . Early spring cleaning of winter refuse . . . Late spring grooming . . . Summer-long pruning and weeding . . . quicker, easier reaping of the fall leaf harvest. Cleans sidewalks too. Makes year 'round lawn care a genuine pleasure.

Buy your **PARKER LAWN SWEEPER** today and let this handiest of handy men save you time, money, energy and back-aches, and give you a finer, healthier, smoother lawn.

**20-in. Parkette Sweeper.**

**Price: \$33.50.**

**28-in. Parkette Sweeper.**

**Price: \$41.00.**

**28-in. Springfield Sweeper.**

**Price: \$55.50.**

**28-in. Homemaster** (power driven) with hand throttle control. **Price: \$171.50.**



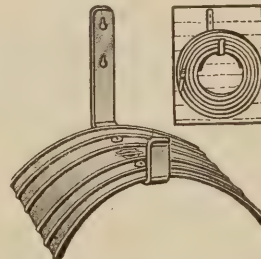
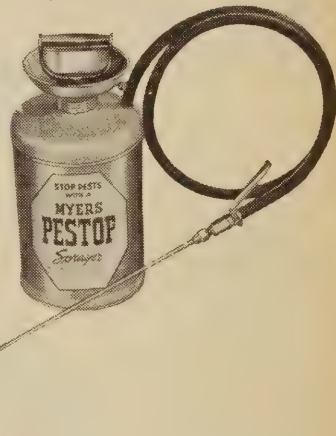
## Myers "Pestop" Sprayers

**No. 2175** (as shown). 1¾-gal. capacity. Easy to fill funnel top. This size sprayer designed especially for the ladies. Shipping weight 8 lbs. **Price: \$9.25.**

**No. 2300** (not shown). 3-gal. capacity. Funnel top. Shipping weight 9 lbs. **Price: \$7.95.**

**No. 2350T** (not shown). 3½-gal. capacity. Open top for easy filling. Shipping weight 10 lbs. **Price: \$11.75.**

Send for Circular Describing These New Sprayers.



## Lifetime Hose Hanger

No. 140. Capacity 100-ft. Garden Hose. Mailing weight 4 lbs. **Price: \$1.00.**

## Hosemaster Nozzle

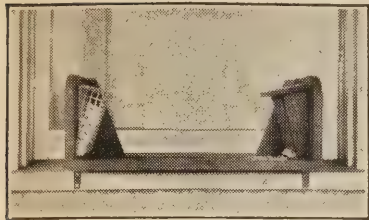
**World's Finest Hose Nozzle.** Precision tooled all brass. Valve arrangement—Leak-proof Automatic Shut-off conserves water and eliminates faucet trips. Handy lock for keeping Nozzle adjusted to one type of spray. **Price: \$1.59.** Mailing weight 1 lb.

## ELKAY VALVE HOSE NOZZLE



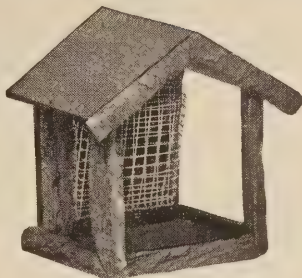
From a powerful jet to the softest mist at the tip of your finger. Precision built. Fingertip control. Instant and complete shutoff right at the nozzle. Made of Zamack, an amazingly lightweight non-corrosive metal alloy. Mailing weight 1 lb. **Price: \$1.50.**

# Bird Houses, Baskets and Flower Pots



No. 111

## BISHOP'S BIRD HOUSES



No. 110

- No. 111. Window Feeder. Shipping weight 10 lbs. Price, \$4.90.
- No. 117. Six Way Feeder. Shipping weight 6 lbs. Price, \$3.90.
- No. 116. Seed Feeder. Shipping weight 3 lbs. Price, \$1.50.
- No. 110. Combination Shelter. Shipping weight 6 lbs. Price, \$3.70.
- No. 81. Bluebird House. Shipping weight 5 lbs. Price, \$1.80.
- No. 3. Robin Shelter. Shipping weight 6 lbs. Price, \$3.40.
- No. 120. Weathervane Feeder. Shipping weight 12 lbs. Price, \$13.80.

Many other Feeders and Houses. Send for complete booklet. Complete stock of Bird Suet Cakes, etc. Also get prices on Ross' Wild Bird Food Mixture.

## Standard Pots, Pans and Saucers

Inside measurements, width and depth equal.

	POTS			SAUCERS			BOTH		
	Ea.	Doz.	100	Ea.	Doz.	100	Ea.	Doz.	100
3 in.	\$0.05	\$0.35	\$2.50	\$0.05	\$0.30	\$2.35	\$0.08	\$0.60	\$4.35
4 in.	.07	.55	4.00	.05	.35	2.95	.10	.80	6.25
5 in.	.10	.95	7.00	.05	.50	3.90	.13	1.25	9.85
6 in.	.12	1.25	10.00	.07	.70	5.85	.17	1.75	14.00
7 in.	.20	2.25	17.50	.10	.95	7.80	.25	2.75	22.00
8 in.	.30	3.25	25.00	.12	1.35	11.50	.37	4.00	33.00
9 in.	.40	4.25		.18	1.80		.55	6.00	
10 in.	.60	6.25		.25	2.75		.75	8.00	

Positively no flower pots or saucers sent parcel post.

## Bulb Pans

	Each	Doz.	100
6 in.	\$0.15	\$1.50	\$10.50
7 in.	.25	2.25	17.50
8 in.	.35	3.50	25.00
9 in.	.50	5.00	39.00
10 in.	.60	6.25	50.00

## TRELLISES, FENCE AND ARBORS

	Price
No. 130 Trellis. 8 ft. high, 30 in. wide	\$ 2.85
No. 124 Trellis. 8 ft. high, 24 in. wide	2.50
No. 118 Trellis. 8 ft. high, 18 in. wide	2.10
No. 812 Tulip Fence. 12 in. high, 6 ft. long	2.20
No. 818 Garden Fence. 18 in. high, 6 ft. long	2.75
No. 824 Garden Fence. 24 in. high, 8 ft. long	5.95
No. 836 Garden Fence. 36 in. high, 8 ft. long	5.95
No. 700 Arbor	10.50
No. 720 Arbor	16.95
No. 730 Arbor	18.95
Posts. For No. 836 fence	1.85

## Evergreen Round Painted Green Flower and Garden Stakes

	100	Doz.
No. 24. 3/8 inch diameter, 24 inches long	\$ 3.50	\$0.55
No. 30. 3/8 inch diameter, 30 inches long	4.00	.65
No. 36. 1/2 inch diameter, 36 inches long	10.00	1.25
No. 48. 3/8 inch diameter, 48 inches long	15.00	2.15
No. 60. 3/8 inch diameter, 60 inches long	19.00	2.75

## RUTLAND FIRE CLAY CO. PRODUCTS

<b>Rutland Patching Plaster</b>	<b>Rutland Black Asphalt Paint</b>
2 1/2-lb. pkg. .... \$0.30	1-qt. can ..... \$0.69
5 -lb. pkg. .... .50	1-gal. can ..... 2.25
15 -lb. pkg. .... 1.10	<b>Rutland Furnace Cement</b>
<b>Rutland (Kex Spackling Compound)</b>	1-lb. can ..... .20
1-lb. pkg. .... .20	5-lb. can ..... .75
5-lb. pkg. .... .75	<b>Rutland No-Tar-In Roof Coating</b>
<b>Rutland Concrete Patcher</b>	1-gal. can ..... 1.15
5-lb. pkg. .... .50	5-gal. can ..... 4.25
25-lb. bag ..... 1.20	<b>Rutland No. 4 Black Roof Cement</b>
<b>Rutland Black Enamel</b>	1 -lb. can ..... .20
1/2-pt. can ..... .25	2 1/2-lb. can ..... .45
1-pt. can ..... .40	5 -lb. can ..... .80
<b>Rutland Stove Lining</b>	10 -lb. can ..... 1.35
2 1/2-lb. pkg. .... .30	
5 -lb. pkg. .... .50	

## Strapped Bushel Basket

4- bushel	\$6.55
3- bushel	5.25
2- bushel	3.80
1 1/2-bushel	3.15
1- bushel	2.50

## Woven Picking Basket

Size	Price
1/2-bushel, drop bail	\$1.50



## Oxford Stave Basket

1 bushel	Each \$2.20
1/2-bushel, drop handle	1.55

## Baskets

### VERBENA AND PANSY BASKET

Used largely for Pansies. \$35.50 per 1000; \$3.85 per 100. Shipping weight 24 lbs. per 100.

### FOUR-QUART GEORGIA TILLS

For roadside container. \$43.50 per 1000; \$4.70 per 100. Shipping weight 33 lbs. per 100

### THREE-QUART VIRGINIA TILLS

\$42.00 per 1000; \$4.55 per 100. Shipping weight 32 lbs. per 100.

### TWO-QUART MISSISSIPPI TILLS

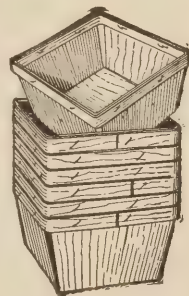
\$35.00 per 1000; \$3.85 per 100. Shipping weight 24 lbs. per 100.

We Suggest Express or Truck Shipment on Baskets and Tills.

## One Quart All-Wood Berry Baskets

Strawberry	1000 \$17.50
Tight Cover (for Blueberries)	21.00
Oval Pints	16.75
Strawberry qts.	\$1.95 per 100; Oval pts., \$1.90 per 100. Tight corner qts., \$2.25 per 100. Shipping weights: quarts, 12 lbs. per 100; pints, 8 lbs. per 100.

We Suggest Express or Truck Shipment on Baskets and Tills.



## Bale Handle Market Baskets

No.	Size	Dimensions	Price
1	1 pk.	18"x10 1/2"x6"	\$1.35
2	1/2 bu.	20"x11 1/2"x6 1/2"	1.55
3	3/4 bu.	22"x13 1/2"x7"	1.75
4	1 bu.	24"x14 1/2"x8"	2.05
5	1 1/2 bu.	26"x16"x9"	2.45

## Wet Wash Clothes Basket

No.	Dimensions	Price	No.	Dimensions	Price
2	26"x16"x9"	\$3.10	4	30"x20"x10"	\$3.85
3	28"x18"x10"	3.45	5	32"x20"x10"	4.50

## Tree Labels

Copper wired, 3 1/2 inches. Weight 5 lbs. Per 1000 ... \$5.00

## Pot Labels

	Wt. per 1000	100	1000
4 in.	4 lbs.	\$0.50	\$3.85
6 in.	5 lbs.	.60	4.75

## Garden Labels

	Wt. per 1000	100	1000
8 in.	14 lbs.	\$1.15	\$10.25
10 in.	17 lbs.	1.35	12.00

## Plant Sticks

For pot or garden use. Square; painted green.

	Each	100	Each	100
1 1/2 ft.	\$0.03	\$2.35	3 1/2 ft.	\$0.13 \$11.50
2 ft.	.04	3.00	4 ft.	.16 14.50
2 1/2 ft.	.05	3.85	5 ft.	.23 21.50
3 ft.	.09	8.50	6 ft.	.26 24.50

<b>No. 1. DESHLER RURAL MAIL BOX.</b> Price	\$3.20
<b>KATCH-ALL WIRE RAT TRAP.</b> 18 in. long, 8 in. wide, 7 1/4 inches high. Price	2.00
<b>LOG CHAINS</b> with grab hook and slip hook.	
5/16"x14". Weight 16 lbs. Price	\$ 6.34
3/8"x14". Weight 23 lbs. Price	9.06
3/8"x16". Weight 26 lbs. Price	10.24
1/2"x14". Weight 41 lbs. Price	15.82

## Dietz Lanterns

<b>Monarch Lantern.</b> With clear globe	\$2.00
<b>Monarch Lantern.</b> With ruby globe	2.30
<b>No. 2 Delite Lantern.</b> With clear globe	2.50
<b>Little Wizard Lantern.</b> With ruby globe.	2.35
<b>Fitzall Globe.</b> (Clear) for Monarch Lantern	.28
<b>Fitzall Globe.</b> (Ruby) for Monarch Lantern	.65

# Farm and Garden Supplies

## Train-etts



**NEW!  
DIFFERENT!**

## Weatherized TRELLIS NETTING

Ideal support for Sweet Peas, Garden Peas, Pole Beans, Tomatoes, Cucumbers.

Grows finer and larger flowers and vegetables. Hung with ease in five minutes; no fuss or bother. Use instead of string or

wire. (Wire in sun burns delicate tendrils).

Doesn't rot like string—lasts several seasons. In three sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in. \$1.25. Add 10c for postage.

Help You to Support Plants Quickly, Neatly, Permanently.

Say "goodbye" to unsightly twine and raffia, to needless work with shears. Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported. TWIST-EMS—strong, dark-green "invisible" tapes with wire reinforcing—protect stems, permanently support annuals, perennials, vines, shrubs and vegetables. Grand for flower arrangement. Millions used by successful nursery men, professional and amateur gardeners. Buy today.

(B) Pkg. of 100, 8-inch size 25c. (C) Pkg. of 200, 4-inch size, 25c. (D) Pkg. of 100, 16-inch size, 50c. (E) Pkg. of 50, 8-inch size, 15c. (G) 250-ft. continuous roll, \$1.00 per roll. Add 10c pkg., any size, for postage.

## TWIST-EMS



SEE... JUST A SIMPLE TWIST OF THE WRIST AND IT'S TIED...

## FLYING DISK

### SCARE Birds and Animals Away

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.



10 FLYING DISKS with complete instructions, only 25¢  
Sent postpaid, 35c.

## Bushman Saws

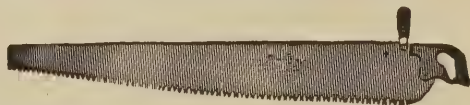
(Steel Frame) with Swedish Steel Blades



- No. 34—Lightweight 24" Blade. Price: \$2.90.
- No. 35E—30" Blade with extended handle. Price: \$3.50.
- No. 36E—36" Blade with extended handle. Price: \$3.90.
- No. 25—42" Blade, adjustable frame. Price: \$6.90.
- No. 50—24"x1" Saw Blade. Price: \$1.15.
- No. 51—30"x1" Saw Blade. Price: \$1.25.
- No. 53—36"x1" Saw Blade. Price: \$1.50.
- No. 55A—42"x1 3/16" Saw Blade. Price: \$1.65.

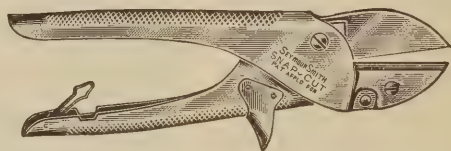
## Simond's One-Man Saws

- No. 111. 3 ft. \$6.75
- No. 111. 3 1/2 ft. 7.75
- No. 111. 4 ft. 8.55



No. 392 Supplementary D-Handle, extra .....65c  
Also Simond's Two-Man Cross Cut Saws, Curtis One-Man and Two-Man Saws, Disston and Atkins Pruning saws.

## Snap-Cut Pruning Shears



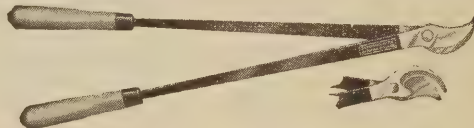
No. 419. The new lightweight streamlined "Snapcut" aluminum alloy body. Outstanding length 8 inches. (Not shown.) Price: \$2.75.

No. 119. Original "Snapcut" finished in bright chromium plate. Length 8 inches (as shown). Price: \$2.75.

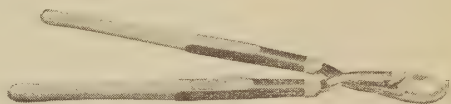
No. 118. Ladies' "Snapcut" pocket size. Length 6 inches (not shown). Price: \$2.10.

Add 15c for postage.

## Seymour Smith Tiffany Pruner



- No. 520. 20 in. long; weight, 2 1/2 lbs. .... \$5.25
- No. 525. 25 in. long; weight, 3 lbs. .... 5.50
- No. 530. 30 in. long; weight, 3 1/2 lbs. .... 5.75



No. 75. MULTI-POWER LONG-HANDLED PRUNER. A superior quality pruner employing the Multi-Power compound lever action. Handle 22 inches long; overall length, 31 inches. Mailing weight, 12 lbs. Price: \$7.40.

## Seymour Smith No. 3 Standard Tree Pruner

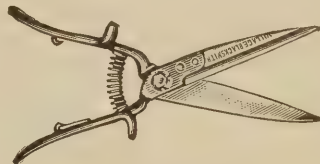
With Lever Handle

- 6 ft. .... \$4.00 10 ft. .... \$5.00
- 8 ft. .... 4.50 12 ft. .... 5.50

## Clyde Pruners

The Clyde Drawcut Pruners produce a powerful sliding cut movement of the blade. The blade hook and shank are forged from tool steel.

- No. 5403. 22 in. Drawcut, strapped ash handles ..... \$7.55
- No. 5402. 24 in. Drawcut, strapped ash handles ..... 8.00



## Grasnip

No. 4 Village Blacksmith Grasnip Grass Shear. Temper Tool steel. Blades polished on both sides. Mailing weight 2 lbs. Price: \$1.80.

## Babcock Quality Ladders Selected Air Dried Stock

### New York Truss Step Ladder

3 ft. to 10 ft. .... \$1.15 per ft.

### Eastern Extension Ladders

20 ft. to 32 ft. .. \$1.10 per ft.  
34 ft. to 44 ft. .. 1.15 per ft.

### Taper Single Ladders

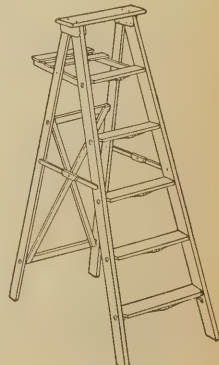
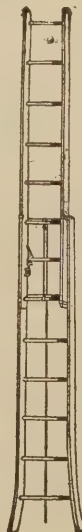
10 ft. to 18 ft. ...90c per ft.  
20 ft. and 22 ft. ..98c per ft.

### Closed Top Fruit Single Ladders

8 ft. to 22 ft. .... \$1.05 per ft.

### Columbia Fruit Step Ladder

4 ft. to 10 ft. .... \$1.50 per ft.



# Farm and Dairy Supplies

## Dr. Naylor's Veterinary Products

- MEDICATED TEAT DILATORS.** For the treatment of spider teat, scab teats, cut and bruised teats, obstructions. Medicated, packed in antiseptic ointment. Large pkg. (45 dilators), \$1.00; postpaid, \$1.10. Trial pkg. (16 dilators), 50c; postpaid, 60c.
- UDDER BALM.** Antiseptic ointment, stays in prolonged antiseptic contact, reduces danger of infection. Soothing, healing ointment for many everyday uses. Price: 75c; postpaid, 85c.
- UDDER LINIMENT.** Antiseptic massage cream, relieves soreness, reduces congestion. Price, \$1.00; postpaid, \$1.10.
- LINITE.** Antiseptic compound for stubborn conditions. hoof rot, canker, thrush. Price, \$1.00; postpaid, \$1.10.
- DIBENE.** Antacid, intestinal astringent for simple diarrhea, acid indigestion. Price: \$1.00; postpaid, \$1.10.
- TONIC POWDER.** For horses and cows. Stimulant, tonic, aids digestion. Price, 75c; postpaid, 85c.
- STOP-A-LEAK.** For cows' teats that leak milk. Tightens muscle end of teat. Price, \$1.00; postpaid, \$1.10.
- LOUSE POWDER.** Dr. Naylor's Louse Powder contains 55% active ingredients. Kills lice on cattle, horses, goats, etc. Price: 12-oz. pkg. 60c; postpaid, 70c.
- DEHORNING PASTE.** A quick and economical method of dehorning young animals. 4-oz. jar, price, \$1.00; postpaid, \$1.10.
- ANTI-SEPTIC DUSTING POWDER.** For galls, blisters, skin irritations. Price, 50c; postpaid, 60c.
- KOW KARE.** The concentrated tonic, conditioner and regulator to promote assimilation, aid low cost milk production and build up vigor for calving. \$1.00 size, mailing weight 2 lbs.; \$1.50 size, mailing weight 4 lbs.
- BAG BALM.** For teat and udder ills and all farm healing. \$1.00. Mailing weight 1 lb.
- BAG BALM DILATORS.** For quick healing of spider scales, bruises, etc. 25 dilators sterilized and packed in Bag Balm. \$1.00, mailing weight 1 lb.

## Penstix

Mastitis caused by Streptococcus agalactiae can now be controlled easily with Penstix product of Wyeth, Inc. Easy to use. Penstix are ready for immediate insertion without troublesome accessories. Just remove from vial and insert with clean hands and ordinary sanitary precautions. Full directions with each vial.

**Vial of 12.** Price: \$3.19; postpaid, \$3.30.

**Vial of 6.** Price: \$1.89; postpaid, \$2.00.

## "Kant Suk" Weaners

- No. 1055 for Calves. Price: 40c.  
 No. 1055½ for Yearlings. Price: 50c.  
 No. 1056 for Cows. Price: 60c.  
 Mailing weight 1 lb.

## Sterling Salt Bricks

	Each	Case
Plain. 15 4-lb. bricks to case .....	\$0.25	\$3.00
Iodized. 15 4-lb. bricks to case .....	.30	3.25
Trace Mineral Blusalt. 15 4-lb. bricks to case ..	.35	3.50

Also 50-lb. pasture blocks of all three of the above.

**COW TIES.** No. 2/0 open ring, 3 ft., price, 85c; 3½ ft., price, 95c; 4½ ft., price, \$1.10. No. 2/0 Tensio tie out chains, 20 ft., price, \$1.45; 30 ft., price, \$1.95.

## Johnson & Johnson Cotton Discs

- 6 in. 300 to carton. Plain ...\$2.20—Single face ...\$2.95  
 6½ in. 300 to carton. Plain ... 2.35—Single face ... 3.25  
 Mailing weight 3 lbs.

## Sterling Smoked Salt (Sugar Cure)

Ready to use. For curing hams. 7½-lb. pkg. ....\$1.00  
 Postage extra.

## Axes

- Woodslasher, 3½ lbs., with handle .....\$3.65  
 World's Finest True Temper. 3 lbs., 3½ lbs. With Hickory handle ..... 4.55  
 Knot Klipper. 3 lbs., 3½ lbs. with Hickory handle .. 4.55

## White Mountain Ice Cream Freezers

- 1-quart size .....\$7.95 4-quart size .....\$12.50  
 2-quart size ..... 9.35 6-quart size ..... 16.00  
 3-quart size ..... 11.50 8-quart size ..... 21.90

## Eagle Brand Farm Tarpaulins

Individually packaged in cartons. The right Tarpaulin at the right price. All-purpose sizes that fit the needs of farmers.

### Khaki Color Farm Tarpaulins

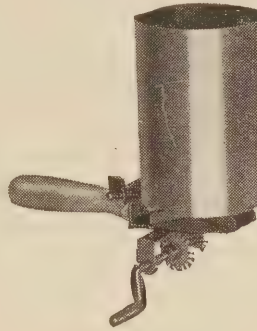
- No. 1 size—6 ft. x 8 ft. ....\$ 7.56  
 No. 2 size—8 ft. x 10 ft. .... 12.60  
 No. 3 size—10 ft. x 12 ft. .... 18.90  
 No. 4 size—10 ft. x 14 ft. .... 22.05  
 No. 5 size—12 ft. x 16 ft. .... 30.24

### Brown Color Heavy Duty Farm Tarpaulins

- No. 6 size—12 ft. x 18 ft. .... 41.67  
 No. 7 size—15 ft. x 20 ft. .... 57.89  
 No. 8 size—18 ft. x 24 ft. .... 83.37

## Dazey Churn

New glass jar of sensational design. Easier to clean, more butter, no sharp corners to pocket unchurned cream. New jar can be cleaned easily, quickly. Fully enclosed high-speed gears; longer crank makes churning faster, easier.



- No. 4. 4-qt. size. (Churning capacity 2 qts.) .....\$3.95  
 No. 8. 8-qt. size. (Churning capacity 4 qts.) ..... 4.95  
 No. 4J. 4-qt. glass jar ..... 1.25  
 No. 8J. 8-qt. glass jar .... 1.80

The New Krasco Lawn Seeder-Feeder-Weeder does the trick. For seed—for dry fertilizer—for dry weed killer. Uniform controlled spread assures the best results. Broadcasts in semi-circle in front of operator. Mailing weight 2 lbs. Price: \$4.95.

## The Cyclone Broadcast Seeder

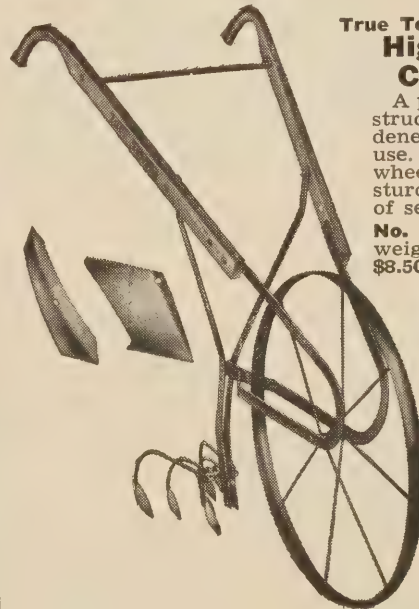
Will sow Timothy, Clover, Oats, Wheat, Rye, Buckwheat, Red Top, Hungarian Millet, and all other grains and seeds perfectly even. Mailing weight 2 lbs. Price: \$4.30.



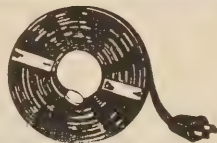
## True Temper Briar Edge High Wheel Cultivator

A popular type of construction for Home Gardeners general purpose use. 24-inch 8 spoke wheel. Low priced but sturdily built for years of service.

No. 100A. Shipping weight 20 lbs. Price: \$8.50.



## THERMOTAPE



Use Fused Electric Thermotape 100% safe, ready to use! Just plug it in! Thermotape only goes to work when the temperature drops to near freezing.

ing, but it is always on the job ready to protect water pipes. Thermotape is available in several convenient lengths, all for plug-in use on 110-volt services. Use the adjustat for thermostat controls for Thermotape. Adjustat gives automatic control when used with Thermotape within range of 20° to 80° F. by simply turning the control knob for the desired temperature wanted.

- No. TT6. Electric Heating Tape, 6' long. Mailing wgt. 1 lb. Price: \$3.95.  
 No. TT12. Electric Heating Tape, 12' long. Mailing wgt. 1 lb. Price: \$5.20.  
 No. TTF20. Fused Thermotape, 20' long. Mailing wgt. 2 lbs. Price: \$6.15.  
 No. TTF40. Fused Thermotape, 40' long. Mailing wgt. 2 lbs. Price: \$9.75.  
 No. TTF60. Fused Thermotape, 60' long. Mailing wgt. 3 lbs. Price: \$13.35.  
 No. TSA1035. Adjustat Adjustable Temperature control. Mailing wgt. 1 lb. Price: \$5.95.

## Cant Dogs

- |                               | Each   |
|-------------------------------|--------|
| 3 ft. x 2½, round bill .....  | \$5.35 |
| 3½ ft. x 2½, round bill ..... | 5.45   |
| 4 ft. x 2½, round bill .....  | 5.65   |

# Farm and Garden Supplies

## BIRD Vita-Bands

**VITA-BAND D** contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

**VITA-BAND 10** for short growing periods. Will usually contain root growth up to approximately 8 to 10 weeks. Nutrient-treated with quickly available plant food . . . your judgment determines need for additional feeding. Vita-Band 10 is identical to Vita-Band "D" except Vita-Band 10 is removed at time of transplant. Vita-Band "D" is not.

**VITA-BAND "D"** is packed 2,000 to the case—except sizes 3" by 3", 4" by 3", and 4" by 4", which are packed 1,000 to the case. Vita-Band 10 is packed 2,000 to the case—except 4" by 3", and 4" by 4", which are packed 500 to the case.

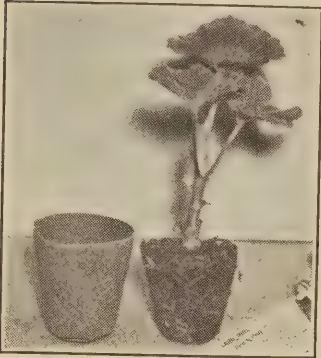


PLANT BANDS		PRICE PER 1000—SIZES IN INCHES							
Sold in units of 1000 only	1½ x 1½ x 2½	1¾ x 1¾ x 2½	2 x 2 x 2½	2 x 2 x 3	2½ x 2½ x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4	
<b>VITA-BAND D</b>	\$3.75	\$4.05	\$4.55	\$5.20	\$5.95	\$6.90	\$9.10	\$11.45	
<b>VITA-BAND 10</b>	3.60	3.90	4.40	4.90	5.85	6.75	8.85	11.10	

## BIRD POTS

**RED:** For shipping only. Not recommended for growing. Lightweight and sturdily made to protect rootball from breakage—inner wax coating prevents drying out. A "must" to preserve the top quality of your plants in transit. Delivering quality promotes repeat business.

**VITA-POTS:** For growing and shipping—they are nutrient-treated. Growing results are similar to Vita-Bands. VITA-POTS prevent rootball disturbance. No handling and storage of heavy pot. VITA-POTS can be packed quickly



and easily for shipment.

PRICE LIST AND SIZES IN INCHES			
VITA POTS		RED	
	100	1000	
2 in.	\$1.55	\$14.00	2 in.
2½ in.	1.60	14.30	2½ in.
3 in.	1.65	14.85	3 in.
3½ in.	1.85	16.40	3½ in.
4 in.	2.25	21.60	4 in.
5 in.	2.60	24.65	5 in.
6 in.	3.35	31.85	6 in.
	4.40	41.70	

## TOM THUMB FLATS

**SPECIAL OFFER!** Bring customers back to YOU for repeat business by using Tom Thumb Flats imprinted with your name. Use one of these attractive designs, with your ad printed on 4 sides for only \$3.00 per M additional charge. Choice of orange, yellow or light green imprinting. Tom Thumb Flats are made of heavy water

proof fibre resinous material. Use with Vita-Band "D" or Vita-Band "10". The most economical way to sell potted annuals in dozen lots. Potted plants sell easier at premium prices. Build sales and repeat business with easier-to-set-out potted plants in this neat package.

No. 1 for 1 doz. 1¾" Bands; No. 2 for 1 doz. 2" Bands.  
**ADD \$3.00 PER M TO COST BELOW FOR PRINTING**

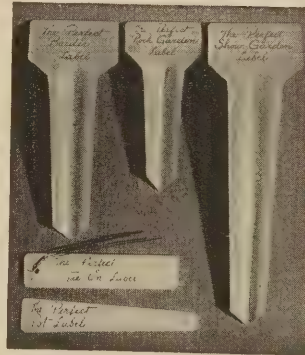
Combination 1M Flats				Sold Units of 250 Sets only	Tom Thumb Flats	
12M Vita-Bands D Per 1000 Sets		12M Vita-Bands 10 Per 1000 Sets			Size No. 1	Size No. 2
Size No. 1	Size No. 2	Size No. 1	Size No. 2	Per 1000		
\$88.50	\$98.20	\$86.45	\$95.65		\$44.70	\$49.60

## Sprabulbs

For florists and gardeners. Brass discs.

**SPRABULB "B."**  
8 ounces. Price: \$1.00; postpaid, \$1.10.

**SPRABULB "C."**  
12 ounces. Price: \$1.50; postpaid, \$1.60.



**BORDER LABEL.** Length 5 in., width of marking space 2 in.

12 labels ..... \$1.25  
25 labels ..... 2.40  
100 labels ..... 9.25

**ROCK GARDEN LABEL.** Length 4 in., width of marking space 1¾ in.

12 labels ..... \$1.15  
25 labels ..... 2.00  
100 labels ..... 7.90

## NEEGARDS

The modern Knee Protector. Ideal for any work that requires kneeling on the ground or on the floor. Neegards are form fitting, completely adjustable to fit any size knees. Price: Per pair, \$2.00; postpaid, \$2.15.

## Perfect Garden Label

Accepted as the perfect garden label by all who have used them. Easily and permanently marked with ordinary lead pencil. The beautiful gray-green color blends with the soil, foliage and rocks. Prices postpaid as follows:

**SHOW GARDEN LABEL.** Length 7 in., width of marking space 2½ in.

12 labels ..... \$ 1.50  
25 labels ..... 2.90  
100 labels ..... 11.25

**TIE-ON LABEL.** Length 3½ in., width ¾ in. Sturdy copper wires in convenient bundles ready bent for attaching.

100 labels in box ... \$3.60

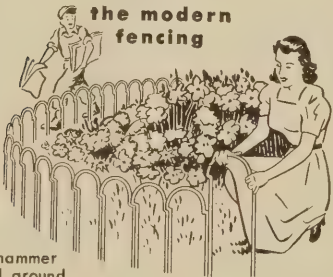
**POT LABEL.** Length 4 in., width ¾ in. at wide end.

100 labels in box ... \$3.00

## BEAUTIFY and PROTECT your flowers and lawn

with **stikit® wikit**

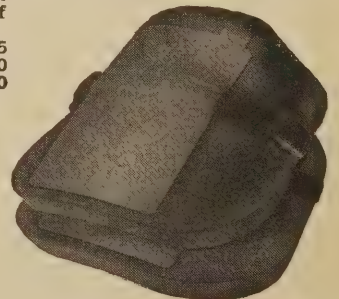
the modern fencing



Easy to hammer into hard ground

Easily installed, each unit is 21" high, 12" wide, white or green baked enamel on ¼" hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed.

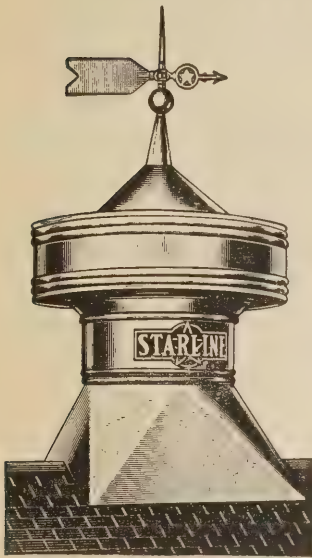
WHITE OR GREEN **\$2.40** PER DOZEN





# Starline Barn Equipment and Farm Supplies

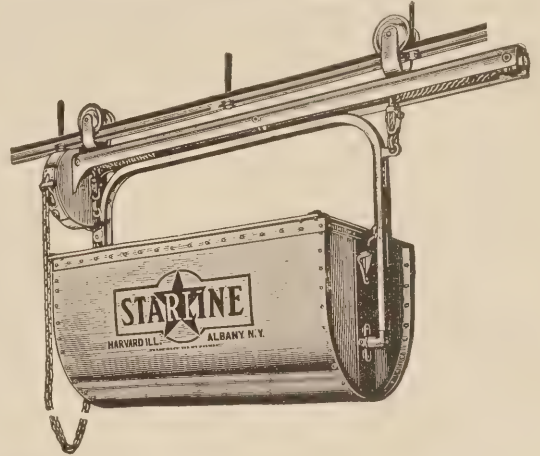
## STARLINE LITTER CARRIERS



### STARLINE VENTILATORS

Starline Taper Base Ventilators are generally used on hog houses, poultry houses or other buildings smaller than the main barn, they usually set on the ridge but can be set on the side roof if desired.

- No. 20 Starline Ventilator. 20-inch; wt. 65 lbs. Price: \$37.00. (Vane extra.)
- No. 24 Starline Ventilator. 25-inch; wt. 100 lbs. Price: \$49.50. (Vane extra.)
- No. 30 Starline Ventilator. 30-inch; wt. 150 lbs. Price: \$61.50. (Vane extra.)
- No. RH-12 Starline Frost-Proof Revolving Head Ventilator (not shown). 12-inch flue, 16x16 in. base; height 31¼ in.; wt. 20 lbs. Price: \$13.30.



- No. 411 Starline Streamlined Litter Carrier. With No. 6 tub (10 bus.) Price: \$93.00.
- No. 411 Starline Streamlined Litter Carrier. With No. 8 tub (12 bus.). Price: \$101.00.
- Conveyor Only. For No. 411 Carrier. Price: \$45.50.
- Bail Only. For No. 411 Carrier. Price: \$11.90.
- No. 6 Tub (10 bus.). (No bail or conveyor.) Price: \$35.60.
- No. 8 Tub (12 bus.). (No bail or conveyor.) Price: \$43.60.
- No. 444 Litter Carrier Track. 6- and 10-ft. lengths (including No. 852 splicer.) Price: 46c per ft.
- No. 414. 10½-inch Hangers. Price: 35c each.
- No. P1272 Starline Floor Truck. For No. 6 or No. 8 tub. Large wheels have 12x3 in. semi-pneumatic puncture proof tires. Caster wheels 6x2 in. tires of same kind. Price: \$79.00.
- No. P433 16-Bushel Starline Feed Truck. Box 68 in. long, 26 in. wide and 24 in. deep. Rubber tires. Price: \$84.50.
- No. P433 25-Bushel Starline Feed Truck. For 40 in. alleys or wider. 71 in. long, 30 in. wide, 30 in. deep. Price: \$108.00.

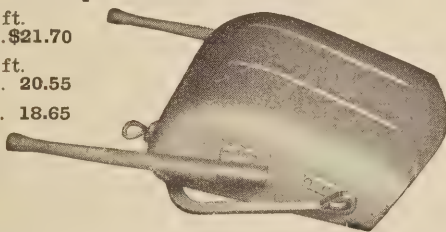
### STARLINE STANCHIONS



- No. 1285W Stanchion. (Not shown.) Wood lined. Price: \$7.60.
- No. 1211W Stanchion. (As shown.) Wood lined. Price: \$6.20.
- No. 1211 Stanchion. (Not shown.) All steel. Price: \$5.70.
- No. 497 Stanchion. (Not shown.) All steel (unlined). Price: \$4.90.
- No. 627 Stanchion Fastenings. Price: 34½c.
- No. 13 Starline Stalls. 3 ft. 6 in. wide. With No. 1285W Stanchions (and with rust shield). Price: \$24.30.
- Starline No. 35 Taper Top Sterilizing Tank. Price: \$20.00.
- Starline No. 63 Double Tank. Price: \$37.00.

### Steel Scraper With Runners

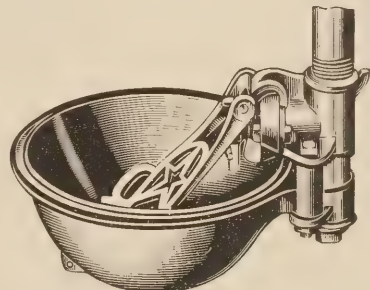
- No. 1. Carries 7 ft. of earth. ....\$21.70
- No. 2. Carries 5 ft. of earth ..... 20.55
- No. 3 ..... 18.65



### STEEL STONEBOAT FRONTS

- 34 inch ..... Price: \$12.50
- 40 inch ..... Price: 14.25

### STARLINE WATER BOWL

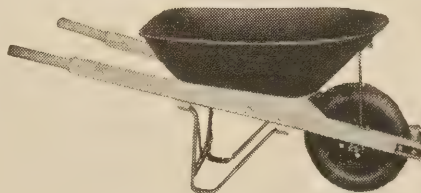


- No. 235 Starline Water Bowl. Easy to clean. Works under pressure. Easiest for cow to work. Keeps fresh water before the cow all the time. Furnished in gray enamel. Price: \$6.10.
  - No. 1000 Galvanized Pressed Steel Bowl. Price: \$6.10.
- We also stock Cannon Ball Barn Door Track, Hangers, Brackets, Stay Rollers, Pulls and Latches. Starline Cannon Ball Track is self cleaning, bird-proof track, with self-oil hangers.

Prices on all these items on request.

### BUCH STEEL TRAY WHEELBARROWS

- No. 154 Buch Steel Tray Wheelbarrow. With wood handles and steel wheel. Capacity 4 cu. ft. Round front. Price: \$17.65. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$25.35.
- No. 155 Buch Steel Tray Wheelbarrow. With wood handles and steel wheel. Capacity 5 cu. ft. Price: \$19.50. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$27.25.
- No. 174 Buch Steel Tray Wheelbarrow. Same as No. 154 only with square front. With steel wheel. Price: \$17.25. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$24.95.
- Buch Tuffy Barrow. Blue Tray, 10x2.75 rubber tired wheel. Wood handles. Steel legs. 3 cu. ft. heaped capacity. Price: \$12.95.
- Buch Whiz Barrow. Red tray, 10x2.75 rubber tired wheel. All metal frame, rubber handle grips. 3 cu. ft. capacity. Price: \$13.75.



No. 154—As Shown

### JACKSON WHEELBARROWS

- No. M4-12. Steel tray 4 cu. ft., with steel wheel. Price: \$16.25.
- No. M4-22. With 2-ply 16x4 plain bearing rubber tired wheel. Price: \$24.25.
- No. M11-22. Deep steel tray 5 cu ft., with 2-ply 16x4 plain bearing rubber tired wheel. Price: \$26.50.
- No. M11-13. With steel wheel. Price: \$18.25.
- Jackson Middy. With steel wheel. Price: \$9.15. With 2.75 in. semi-pneumatic rubber tired wheel. Price: \$11.95.

See us for extra steel trays and rubber tired wheels

# Garden and Lawn Supplies

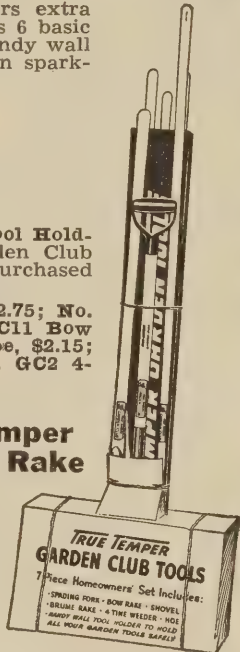


**No. GCS**—7-piece packed set, offers extra value, weight set 20 lbs. Includes 6 basic tools for home gardeners and handy wall tool holder. Handles lacquered in sparkling goldenrod-yellow.

- No. GC8**—Spading Fork.
- No. GC5**—Garden Shovel.
- No. GC11**—Bow Rake.
- No. GC10**—Garden Hoe.
- No. GC7**—Brume Rake.
- No. GC2**—4-Tine Cultivator.
- No. GTH**—Tool Holder.

Price per set: \$15.00. **No. GTH** Tool Holder only, price: \$1.75. Other Garden Club Tools and those in set may be purchased separately.

Prices: **No. GC8** Spading Fork, \$2.75; **No. GC5** Garden Shovel, \$2.70; **No. GC11** Bow Rake, \$2.15; **No. GC10** Garden Hoe, \$2.15; **No. GC7** Brume Rake, \$1.65; **No. GC2** 4-Tine Cultivator \$2.65.



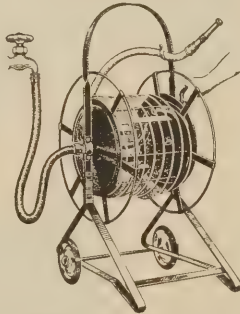
## New True Temper Dynamic Lawn Rake

**No. DL22.** Large capacity but weighs under 2½ lbs. Over-all spread of teeth 20 inches. A perfect all-purpose Lawn Rake. Price: \$1.95.

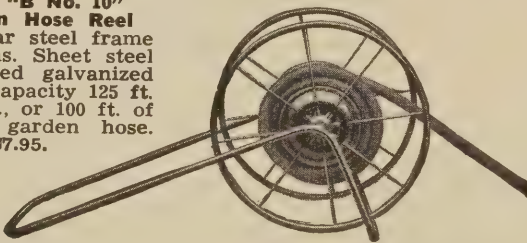


## The Salem Real-Reel

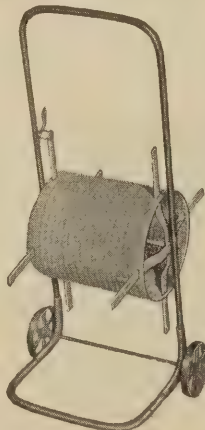
Holds 150 feet of hose. Packed one to shipping carton, including 5-foot accessory. Weighs about 28 pounds. Can be assembled in five minutes. Price: Complete, \$16.50.



**Style "B No. 10" Garden Hose Reel**  
Tubular steel frame and rims. Sheet steel corrugated galvanized drum. Capacity 125 ft. of ½ in., or 100 ft. of ¾ in., garden hose. Price: \$7.95.



**"Bluebird" Garden Hose Reel.** Tubular steel frame, corrugated sheet steel drum. Capacity 100 ft. of ½ in., garden hose. Price: \$4.95.



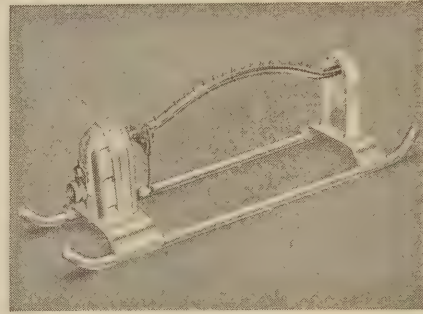
## Rugg "Kleenup" Rake

A low priced durable rake. 22 teeth. **No. 48.** Price: \$1.19.



## Model 950 "Avon" Oscillating Sprinkler

The AVON oscillating sprinkler is highly recommended by expert landscapers and nurserymen throughout the country. Its unique principle of oscillating back and forth enables one side to absorb while the other side is being irrigated, thus preventing wash or pools of water. The AVON will operate satisfactorily at 30 lbs. water pressure and will irrigate an area of 1500 sq. ft. or more, depending on pressure. Its construction is of the finest materials obtainable consisting of copper, stainless steel, bronze, mica and Oilite bearings to insure long life. The mechanism is encased in a separate chamber and packed in water repellent grease, keeping it free of any foreign substance and preventing corrosion. Mailing weight 5 lbs. Price: \$14.95.



the finest materials obtainable consisting of copper, stainless steel, bronze, mica and Oilite bearings to insure long life. The mechanism is encased in a separate chamber and packed in water repellent grease, keeping it free of any foreign substance and preventing corrosion. Mailing weight 5 lbs. Price: \$14.95.

**Avon Rotary Type Sprinkler, Model 700.** Mailing weight, 3 lbs. Price: \$4.95.

**Avon Model 400 Flower Irrigator.** Overall height, 4 ft. Mailing weight, 3 lbs. Price: \$4.95.

## Spike Disc Lawn and Green Cultivators

For the aeration and conservation of lawns, putting greens and fairways.

**Designed Especially for Home Lawns**

Tray is provided for weight to be added for deeper penetration of hard baked soils.

Eight discs of High carbon Alloy Steel.

For best results, Spike Disc should be used for reseeding, fertilizing and top dressing. By light sprinkling after use, the

seed and fertilizer are settled into the perforations and not washed away by flooding rains or high winds.

The Spike Disc Aerator will not harm the appearance of the lawn as turf hides the thin slotted cuts.

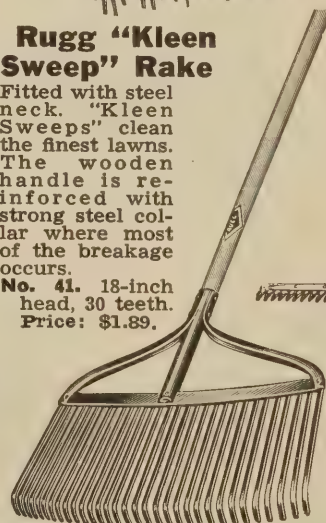
**No. 8T Aerator ... \$17.00**



## Rugg "Kleen Sweep" Rake

Fitted with steel neck. "Kleen Sweeps" clean the finest lawns. The wooden handle is reinforced with strong steel collar where most of the breakage occurs.

**No. 41.** 18-inch head, 30 teeth. Price: \$1.89.



## A-1 Sunbeam Hedge Trimmer

Faster, easier way to trim hedges, shrubs, ornamental trees. So light in weight it can easily be used with one hand. Saves time—gives neat, professional results—takes arm-aching drudgery out of trimming. Well balanced for easy handling.

**No. A-1 Sunbeam Hedge Trimmer.** 110V. AC-DC. Packed one to a box. Shipping weight 7 lbs. Price: \$46.25.

**No. G-11BW. Extension Cord.** 50 ft. Mailing weight, 4 lbs. Price: \$4.50.

**No. G-12BW. Extension Cord.** 75 ft. Mailing weight, 5 lbs. Price: \$6.25.

**No. G-13BW. Extension Cord.** 100 ft. Mailing weight, 7 lbs. Price: \$8.25.

# Farm and Garden Supplies

## Skilsaw Electric Hedge Trimmer Model 512

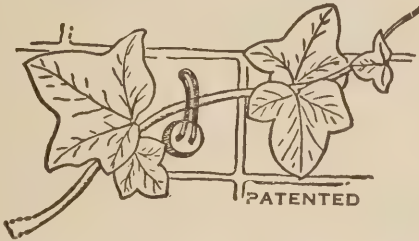


### A Real Tool For a Real Job!

Built to give enduring service. Has universal electric motor with die-cast aluminum housing and handy thumb-operated toggle switch. Special alloy gears. Cutter blade, 12 inches long, is made of finest steel. Price shown below includes 6 feet of best rubber-covered cord. Price: \$41.25.

## Wayward Vine Guide and Support

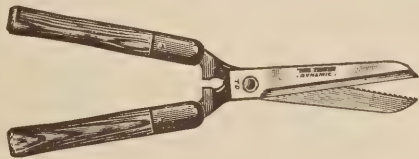
A new and easy way to train all kinds of vines to stucco, brick, stone, cement and wood walls without nails or holes because the supports are cemented to the wall with a special material supplied for this purpose. This special cement is not affected by any weather conditions. The vines are held in place by wire loops which may be bent easily. Your choice of brick-red, gray, or white. State color wanted. Price: Per box of 25, including cement, \$1.00, postpaid.



Blades: upper knife sharp, lower serrated. Dynamic hinge bolt and nut designed especially for this shear gives close and positive adjustment. Fire hardened oval design handles. No. TD. Blade length 8½ inches. Mailing weight 3 lbs. Price: \$3.50.

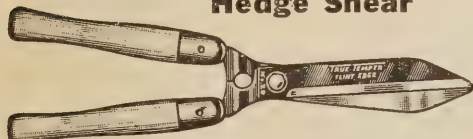
## True Temper Hedge Shear

True Temper Dynamic Hedge Shears are made from finest quality hedge shear steel and precision fitted.



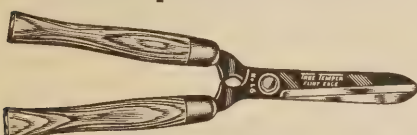
Blades: upper knife sharp, lower serrated. Dynamic hinge bolt and nut designed especially for this shear gives close and positive adjustment. Fire hardened oval design handles. No. TD. Blade length 8½ inches. Mailing weight 3 lbs. Price: \$3.50.

## True Temper No. 20 "Flint Edge" Hedge Shear



Hardened and tempered shaped round handles 9" long. Overall length 19½". Mailing weight, 3 lbs. Price: \$2.75.

## True Temper No. L6 Flint Hedge Shear



Ladies' Model. 6-in. blades, extra lightweight. Ideal for small homes to trim hedges and grass. 6 in. special analysis steel blades. Mailing weight, 2 lbs. Price: \$1.75.

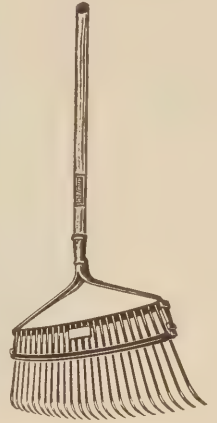
## Ezy-Cut Grass Shears



No. 257 Improved Ezy-Cut Grass Shear. A handsome, highly efficient tool. Positive one-hand thumb catch. Mailing weight 2 lbs. Price: \$2.75.  
No. 057. Special Ezy-Cut Grass Shear (not shown). A splendid value that will give good, efficient service. Mailing weight 2 lbs. Price: \$1.19.  
No. A1575. New "Stand-Up" Grass Shears. With adjustable wheel. (Not shown.) Mailing weight 6 lbs. Price: \$3.85.

## True Temper Lawncomb Rakes

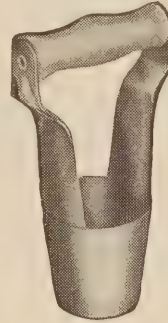
The Lawncomb rake has 24 flat, flexible spring steel teeth.  
No. LC18. 8-inch teeth, 18 inches wide. Price: \$2.50.  
No. LC24. 9½-inch teeth, 24 inches wide. Price: \$3.00.



## Bulb

## Planter

An indispensable tool because it makes a perfect planting hole for practically all sorts of bulbs without disturbing the surrounding soil. Price: 95c; postpaid, \$1.05.



## Doo-Klip Long-Handle Grass Shear

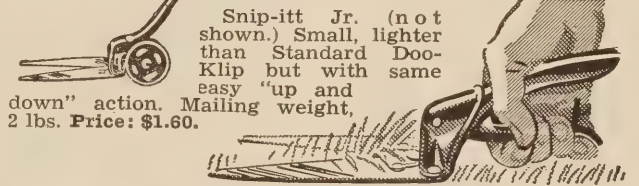
Solid rubber wheels weighing only 4 ounces support the blades and handle, permitting easy use with one hand.

**\$3.75**

Same pinch-proof "up and down" handle action used in standard Doo-Klip grass shear.

## Doo-Klip Standard Grass Shear

America's favorite shear with the "up and down" action—as easy as a hand-shake. Serrated, cadmium plated blades grip and cut grass smooth and clean. Self-sharpening, self-tension blades, and pinch-proof handles. Mailing weight, 2 lbs., Price: \$2.10.



Snip-itt Jr. (not shown.) Small, lighter than Standard Doo-Klip but with same easy "up and down" action. Mailing weight, 2 lbs. Price: \$1.60.

## MAGIC WEEDER HOES



The best tools for the home garden. They turn work into pleasant pastime.

Style G, H and K. Orange lac handles, other styles red lac handles.

Style A. 3 tines, 5¼-in. handle. Price: 18c. Mailing wt., 1 lb.

Style B. 3 tines, 14-inch handle. Price: 28c. Mailing wt., 1 lb.

Style BB. 3 tines, 33-in. handle. Price: 40c. Mailing wt., 1 lb.

Style C. 4 tines, 5¼-in. handle. Price: 28c. Mailing wt., 1 lb.

Style D. 4 tines, 5¼-in. handle. Price: 40c. Mailing wt., 1 lb.

Style E. 4 tines, 5¼-in. handle. Price: 40c. Mailing wt., 1 lb.

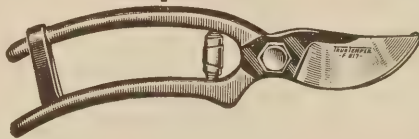
Style F. 4 tines, 42-inch handle. Price: \$1.05. Mailing wt., 2 lbs.

Style G. 4 tines, 48-in. handle. Price: \$1.30. Mailing wt., 3 lbs. Larger and stronger than Style F.

Style H. 4 tines, 48-in. handle. Price: \$1.50. Mailing wt., 3 lbs. Square blade cuts roots, etc.

Style K. 4 tines, 48-in. handle. Price: \$1.50. Mailing wt., 3 lbs. "V" blade, excellent for planting.

## True Temper No. F917 Pruning Shear



California Pattern. New hand-shaped grip with leather catch. Volute spring. Length, 8¼ in. Mailing wt., 1 lb. Price: \$2.25.

# DOBBINS Superbilt SPRAYERS



No. 44GS

## Bighead Sprayers

**44GS Bighead.** (as shown.) Galvanized tank, 4-gallon capacity. Price: \$13.45.  
**44SS Bighead.** Stainless steel tank, 4-gallon capacity. Price: \$23.20.

No. 728 Capacity 1 Quart



## Dobbins Sprayer

**No. 728.** Finest quality continuous type copper sprayer. Brass nozzle. Mailing weight 2 lbs. Price: \$5.00.

## Bighead Sprayers

**34GS Bighead.** (as shown.) Galvanized tank, 3½-gallon capacity. Price: \$11.15.

**21G Fun-L-Fill.** Galvanized tank, 3½-gallon capacity. Price: \$9.95.

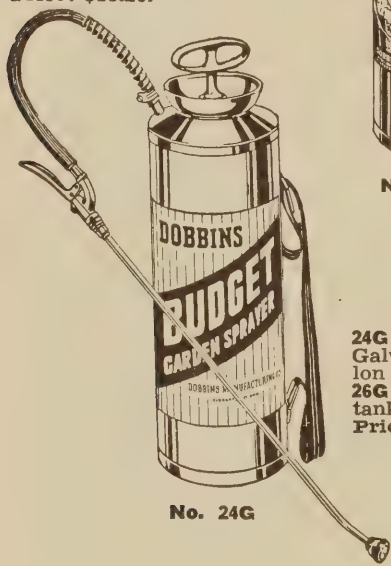
**21SS Fun-L-Fill.** Stainless steel tank, 3½-gallon capacity. Price: \$15.20.



No. 34GS

## Budget Sprayers

**24G Budget.** (as shown.) Galvanized tank, 3½-gallon capacity. Price: \$7.60.  
**26G Budget.** Galvanized tank, 2½-gallon capacity. Price: \$7.05.



No. 24G



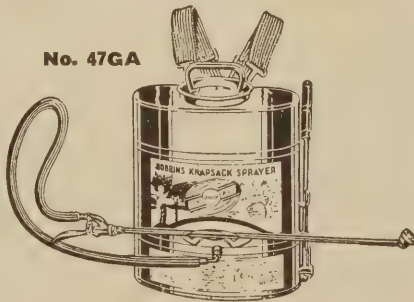
**No. 4679 Dobbins Nozzle Cap.** All brass, with strainer and whirl disc. Mailing weight 1 lb. Price: 75c.

## Knapsack Sprayers

**47GA Knapsack.** (as shown.) Galvanized tank, 4½-gallon capacity. Price: \$31.50.

**47BA Knapsack.** Brass tank, 4½-gallon capacity. Price: \$46.25.

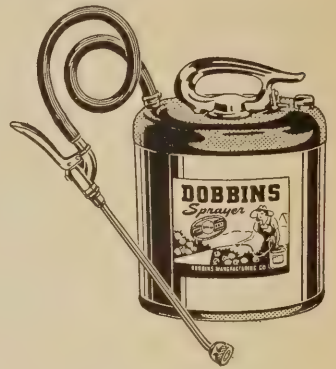
Both equipped with agitators. Ideal for weed control chemicals.



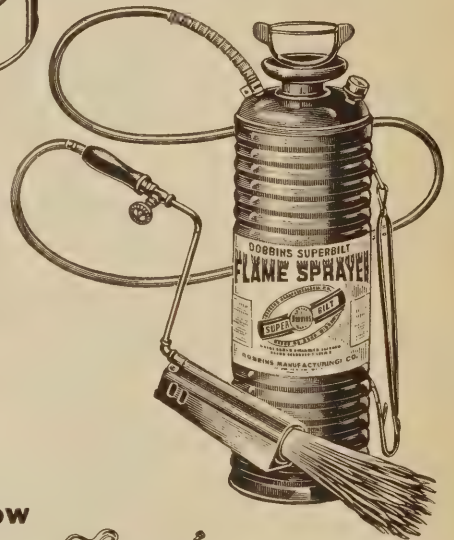
No. 47GA

## No. 8 Deluxe Garden Sprayer

**No. 8 Deluxe.** (as shown.) Galvanized tank, 2-gallon capacity. Light weight, attractive streamlined design. Ideal for the home gardener. Price: \$11.70.



## Flame Sprayer



Kills weeds and grasses. Burns rubbish and brush. Removes weeds from driveways, irrigation and drainage ditches, roads and fence rows. Disinfects poultry houses and yards, rabbit hutches. Heats and thaws.

**No. 310 Flame Sprayer.** (as shown.) Galvanized tank, 4-gallon capacity. Price: \$23.50.

## Dobbins Wheelbarrow Sprayers



No. 3171R

**No. 3171R. Wheelbarrow Sprayer.** 12-gal. galvanized tank. Pressure tank easily maintains 150 lbs. pressure. 16-in., semi-pneumatic rubber tired wheel. Price: \$47.20.

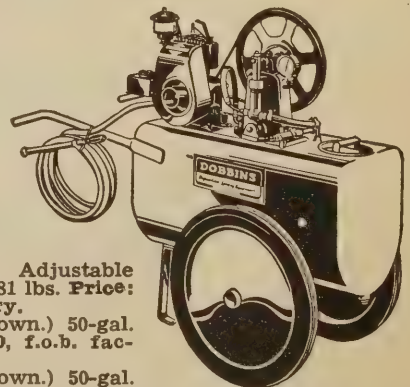
**No. 3171.** Same as above but with steel wheel. Price: \$41.60.

**No. 3191.** (Not shown.) 18-gal. galvanized tank. Pressure tank maintains 200 lbs. pressure. 16x4 in. pneumatic tire. Price: \$78.00.

## Power Sprayers

**No. 424OR Power Sprayer.** (as shown.) A portable light weight sprayer. Pressures from 0 to 250 lbs. at 1½ gals. per minute. 25-gal. tank; 1 h.p. B. & S. engine; 2½x20 semi-pneumatic tired wheels; gear-driven agitator. Stainless steel pump piston; Oilite crankshaft bearing; 12½-ft. oil and chemical resistant spray hose. Adjustable spray gun. Weight 181 lbs. Price: \$219.75 f.o.b. factory.

**No. 425OR.** (not shown.) 50-gal. tank. Price: \$286.50, f.o.b. factory.  
**No. 426OR.** (not shown.) 50-gal. tank, 3 G.P.M., double cylinder, 1½ h.p. B. & S. engine. Price: \$368.50, f.o.b. factory.



No. 424OR

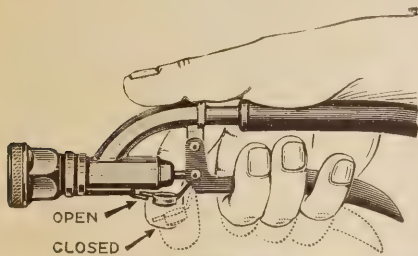
All prices subject to change without notice.

# Farm and Garden Supplies

## DOBBINS No. 132 SUPERBILT DUSTER

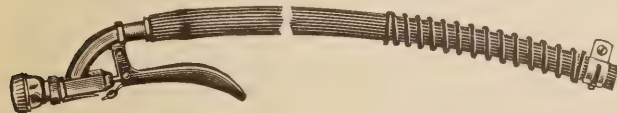
Pump 3-in. diameter; 7½ in. long. 2-way dust cap. 24-inch steel extension.

Mailing weight 3 lbs. Price: \$2.10.



**No. 7317. Dobbins Shut-Off.** Brass construction. Mailing weight 2 lbs. Price: \$2.20.

**No. 7322. Dobbins Automatic Shut-Off Nozzle.** With 30-inch hose, clamp and coil spring. Mailing weight 3 lbs. Price: \$2.75.



**No. 353. 24-in. Brass Extension Rod.** Straight. Mailing weight 2 lbs. Price: 90c.

**No. 354. 36-in. Brass Extension Rod.** Straight. Mailing weight 2 lbs. Price: \$1.15.

## Niagara Hand Dusters



### FOUR NIAGARA PLUNGER TYPE HAND DUSTERS

"Pint" Duster. Mailing weight 2 lbs., \$1.25.

"Pint" Extension Duster. Mailing weight 2 lbs. \$1.85.

"One Quart" Duster. Mailing weight 3 lbs. \$2.40.

"Two Quart" Duster. Mailing weight 4 lbs. \$4.50.



### NEW NIAGARA CYCLO-JUNIOR DUSTER.

Modern design—power performance—easy operation—light weight. Free flow of dust with positive and uniform feed. Has many special features that are new and distinct in hand duster construction and performance. Mailing weight 14 lbs. Price: \$30.00; with "Y" attachment, \$35.00.

## Myers Power Sprayers

Inquiries Solicited.

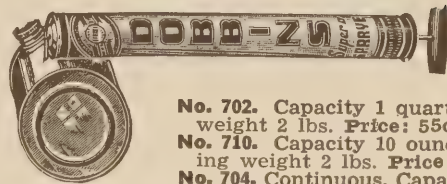
### Myers Compressed Air Sprayers

**No. 2240 Myers Kwikfill 2½-gal. Galvanized Tank Sprayer** with 18-in. brass extension rod. Price: \$12.10.

**No. 2242 Myers Kwikfill 4-gal. Galvanized Tank Sprayer** with 18-in. brass extension rod. Price: \$13.40.

**No. 2242B.** Same as No. 2242 with brass tank. Price: \$20.10.

**No. 2240B.** Same as No. 2240 with brass tank. Price: \$18.80.



## Dobbins Sprayers

**No. 702.** Capacity 1 quart. (Tin.) Mailing weight 2 lbs. Price: 55c.

**No. 710.** Capacity 10 ounces. (Tin.) Mailing weight 2 lbs. Price: 45c.

**No. 704.** Continuous. Capacity 1 qt. Mailing weight 2 lbs. Price: \$1.15.

## Myers New Idea Knapsack Sprayers

**No. 1330A Myers New Idea Galvanized Tank Knapsack Sprayer,** with ¾-in. brass pipe extension and 45° Fembro spray nozzle. Price: \$32.45.

**No. 1331A.** Same as No. 1330A except with brass tank. Price: \$44.30.



### BROWN'S OPEN-HEAD SPRAYER No. 64D

Electrically welded, hot galvanized coated. 4-gal. capacity. Price: \$15.30.



## Myers Portable Sprayer

Suitable for greenhouse work, spraying trees, white-washing, painting, etc.

**No. R336½B Myers Portable Sprayer** with dasher and jet agitator, 12½-gal. tank, 15-ft. ½-inch 5-ply discharge hose, 8-ft. steel pipe extension and Vermorel nozzle. Price: \$47.65.

**No. 327½ Myers Bucket Pump.** (not shown.) Price: \$9.05.

**Myers "Silver Prince" Portable Sprayer.** Wheelbarrow type engine-powered model (not shown), 12½-gal. tank capacity; 225 pounds pressure, capacity 2 GPM. Rubber-tired wheel. No. 4502-2ER12½. Price: \$226.50, f.o.b. Ashland, Ohio.

### MYERS NOZZLES

Fembro 45 degree nozzle. \$1.40; or \$1.50, postpaid.

Fembro straight nozzle. \$1.25; or \$1.35, postpaid.

### SMITH'S AQUAMATIC NOZZLES (Not shown)

**No. 666. Aquamatic.** Complete with two nozzles. Mailing weight 2 lbs. Price: \$4.56.

**No. 70. Aquamatic.** Control only. Mailing weight 2 lbs. Price: \$3.35.

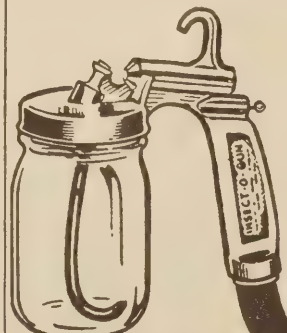
### BORDEAUX NOZZLE (Not shown.)

Each \$2.05, or \$2.15, postpaid.

We solicit inquiries for Myers Spray Guns and accessories.

## Insect-O-Gun Sprays Insecticides Fungicides

The finest, most complete, general purpose sprayer for smallest gardens to largest estates. Jar holds enough to make 3 gallons of properly proportioned spray... any brand or type, even wettable sulphur or Bordeaux mixture. Cleans in 30 seconds; replaceable Mason jar; pistol grip; rugged life-time construction; guaranteed. New, easy-to-use water valve control... just push ball up... it stays on... pull it down... it stays off. A touch of the thumb does all the work. Complete with pint jar. Mailing weight 4 lbs. Price: \$5.95.



**Model 2. Gard-N-Gun** (not shown). Sprays insecticides, fungicides. 1½-gal. capacity with each filling of ½-pint jar. Mailing wgt. 3 lbs. \$2.95.

**Model 15. Gro-Gun** (not shown). Sprays fertilizer, weed killer. Sprays 15 gallons with each filling of pint jar. Mailing wgt. 3 lbs. Price: \$2.95.

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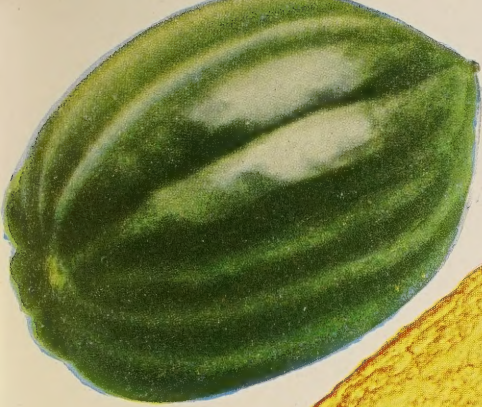
## Tools, Insecticides, Fertilizers and General Farm Requisites

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Ant Remedies .....	67	Dog Check .....	68	Hyper-Humus .....	64	Rakes .....	72, 86, 87	Spreaders .....	64, 66
Arsenate of Lead .....	70	Dusters .....	89	Hy-Trous .....	66	Rat Poisons .....	68	Sprinklers, Lawn .....	
Axes .....	83	Dusting Materi- als .....	69, 70, 71			Reels, Hose .....	86		76, 86
				Ice Cream Freez- ers .....	83	Remedies, Cow .....	83	Stanchions .....	85
Bands, Plant .....	84	EndoPest .....	64	Insecticides .....	67-71	Repellent, Crow .....	67	Sticks, Plant .....	81
Barn Equipment .....	85	EndoWeed .....	64			Roof Coating .....	81	Stikit-Wikit .....	84
Baskets .....	81			Labels, Plant .....	81, 84	Roofing Paper .....	77	Stoneboats .....	85
Baskets, Egg .....	78	Farmanure .....	65	Ladders .....	82	Rope .....	74	Sweepers, Lawn .....	80
Bird Houses .....	81	Feeders, Bird .....	81	Lanterns .....	81				
BK Solution .....	77	Fence, Electric .....	80	Lawn Rollers .....	75	Pruners .....	73, 74, 82	Tarpaulins .....	83
Bottles, Milk .....	77	Fertilizers .....	65, 66	Lime .....	65	Salt Bricks .....	83	Thermotape .....	83
Bovung .....	65	Flats .....	84	Litter Carrier .....	85	Saws .....	82	Tobacco Dust .....	65
Bowls, Water .....	85	Flex-O-Glass .....	79	Milorganite .....	66	Scrapers, Steel .....	85	Tractor, Planet Jr. .....	73
Brooders .....	78, 79	Flying Disks .....	82	Mowers, Lawn .....	74, 75	Scythes .....	72	Train-etts .....	82
Brooms .....	77	Forks .....	72	Mowers, Power Lawn .....	74, 75	Semesan .....	68	Trellises .....	81
Burner, Rubbish .....	77					Shears, Grass .....	72, 73, 82, 87	Tri-ogen .....	67
		Garden Tools .....	72, 86	Neegard .....	84	Shears, Hedge .....	87	Twine, Binder and Baler .....	74
Caps, Bottle .....	77	Grass Catchers .....	75	Nod-O-Gen .....	4	Shears, Pruning .....	74, 87	Ventilating Fan .....	78
Carbola .....	68	Grindstones .....	74	Nozzles, Hose .....	76, 80	Silo .....	77	Vertagreen .....	65
Carbolineum .....	68	Halters .....	77	Nozzles, Spray .....	89	Snarol .....	67	Vigoro .....	64
Cattle Cards .....	72	Hand Power Unit .....	77			Snaths .....	72	Vita-Band .....	84
Cel-O-Glass .....	79	Handi-Cart .....	75	Plantabbs .....	66	Soil Soaker .....	76	Volck .....	67
Churns .....	83	Hedge Trimmer, Electric .....	86, 87	Planet Jr. Tools .....	73	Soil Test Kits .....	80		
Cleaner, B-K .....	77	Hoes .....	72	Posts, Electric Fence .....	80	Soilfume Caps .....	69	Wafers .....	78
Clippers .....	77	Holder, Hose .....	80	Post, Fence .....	80	Sowers, Seed .....	83	Warfarin .....	68
Controllers, Elec- tric Fence .....	80	Hooks, Cant .....	83	Pots, Flower .....	81	Spike Disc Culti- vator .....	86	Water Glass .....	78
Couplings, Hose .....	76	Hooks, Grass .....	72	Poultry Supplies .....	78, 79	Sprabulb .....	84	Wax, Grafting .....	68
Cultivators .....	72, 73, 83	Hooks, Potato .....	72			Sprayers .....	66, 80, 88, 89	Weed Killer .....	68, 76
Cyanogas .....	67	Hose, Garden .....	76					Wheelbarrows .....	76, 85
								Wire, Fence .....	77, 80









### Squash

#### Table Queen

Acorn shaped, dark green, thin shell, flesh light yellow, fine for baking. Pkt., 10c; oz., 25c; ¼ lb., 85c.



### Squash

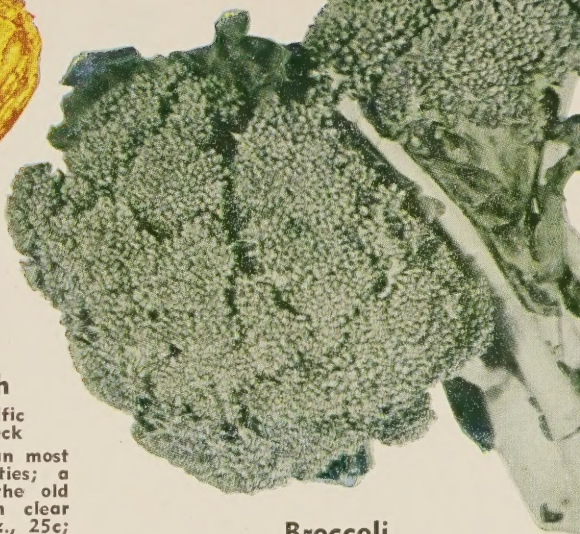
#### Early Prolific Straightneck

10 days earlier than most other summer varieties; a little smaller than the old Straightneck. Smooth clear yellow. Pkt., 10c; oz., 25c; ¼ lb., 50c.

### Squash

#### Butternut

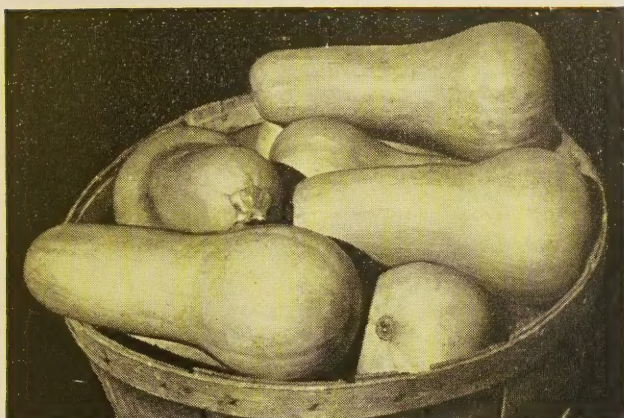
A favorite with almost everyone, delicious flavor, keeps well and is usable when quite small. Pkt., 10c; oz., 45c.



### Broccoli

#### Italian Green Sprouting

One of the best varieties for the home gardener; good color, large heads. Pkt., 10c; ½ oz., 30c; oz., 50c.



### Lettuce

#### Imperial Iceberg No. 847

It is an outstanding summer heading variety. Will head almost 100 per cent. Pkt., 10c; ½ oz., 30c; oz., 55c.



### Beans

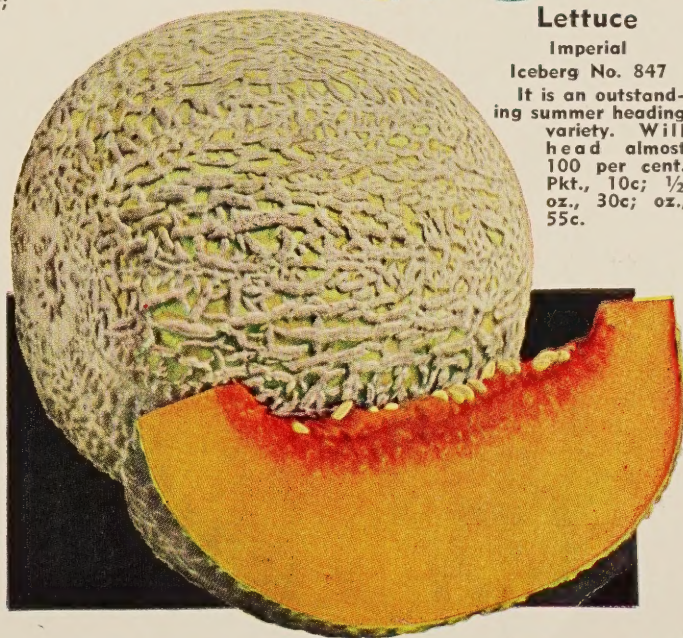
#### Cherokee Wax

Straight oval-shaped pods about 6 inches long, tender and stringless. Pkt., 25c; lb., 60c; 2 lbs., \$1.15.

### Melon

#### Bender Surprise

It is a beautiful Melon, a favorite in the home garden and for market. Deep salmon-colored flesh. Up to 8 pounds. Pkt., 10c; oz., 30c; ¼ lb., 85c.





**Ross' Giant Pansy**

No. 780 MIXED COLORS. Freedom of bloom, size and variety of color make this the most wonderful strain we know. Pkt., 50c; 1/16 oz., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.25; oz., \$12.00.



Peppermint Stick Zinnias

**Zinnia,  
Persian Carpet**

1952 Winner  
No. 1365A

Dwarf plants begin blooming early; grow into tidy, well-behaved, 12-in. mounds of brilliant color, each one different. Pick dozens of flowers, no two alike, about silver dollar size. Pkt., 25c. See page 49.

Persian  
Carpet  
Zinnias



**Zinnia,  
Peppermint Stick**

1359A. One of the best cut-and-come-again Zinnias, includes many combinations of colors. It is early, about 70% striped flowers. Pkt., 10c; 1/8 oz., 35c.

**Unwin Dahlias**

Dwarf Hybrid Giant Seeds Mixed. Tender perennials treated as annuals, 20 to 30 inches high, single, double and semi-double flowers in many attractive colors blooming the first year from seed. Excellent for masses or beds, for borders and as cut flowers. Plants are dwarf and bushy. No. 371, page 52. Pkt., 10c; 1/8 oz., 50c. See pages 52 and 59 for Dahlia lists.



**Tuberous  
Rooted  
Begonias**

Bulbs about 2 inches in diameter. Should be started early inside and set in the open about June 1st. They bloom quickly and make a beautiful display all summer. See page 60. Each, 25c; doz., \$2.40.

