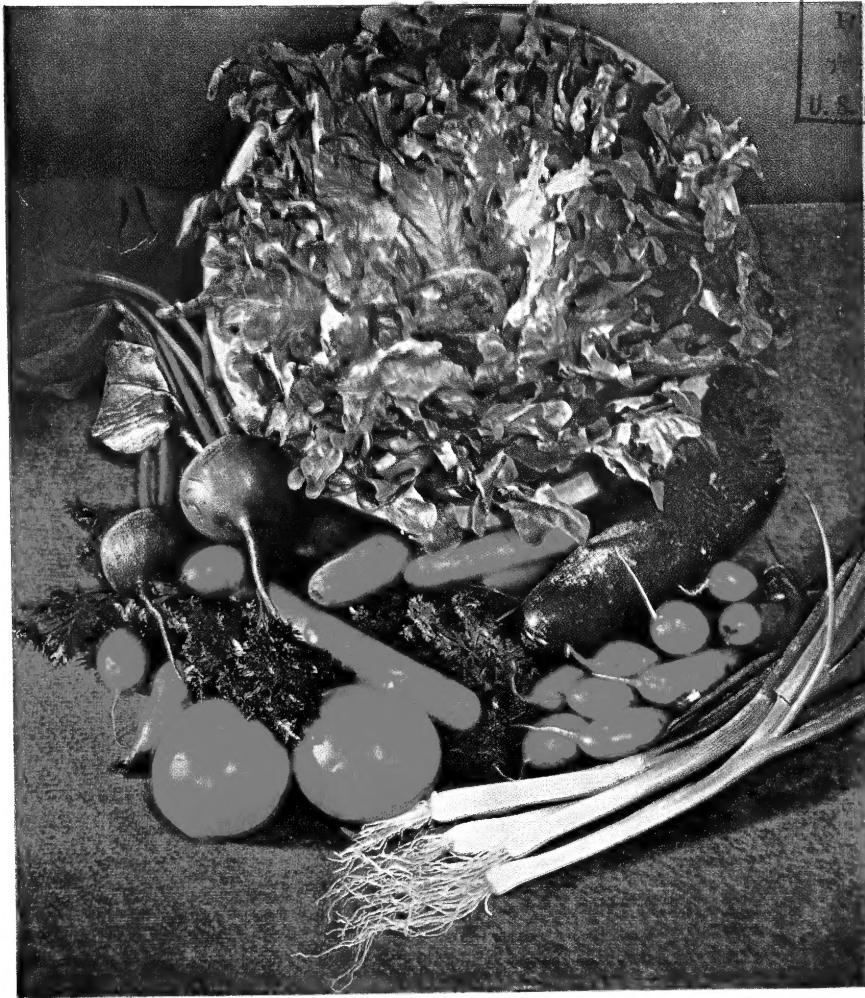


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**1954**

**BANFIELD-JENNINGS Corp.**

111-115 Railroad Avenue

ELMIRA, N. Y.

**Quality Seeds and Garden Supplies**

*Since 1880*



# THE BEST LAWN SEEDS *for Every Type of Lawn*

There is nothing so much admired or desired as a thick green, velvety lawn, and no property is complete or attractive without it. By sowing our seed and following the general directions below you will be successful in attaining your ideal in a lawn.

We cannot emphasize too strongly the regular application of high grade fertilizers. The seed mixture should contain the right varieties to promote a quick growth to retard the growth of weeds already in the soil, followed by the slower growing kinds, making a gradual transformation into a beautiful lawn. Study the analysis and avoid mixtures predominating in Timothy, Rye Grass and inert matter if a permanent lawn is to be expected. The seeds should be good to begin with, then thoroughly recleaned. They should be heavy and of good germination and vitality, then mixed in the correct proportion, without the addition of any other matter to make bulk, and purchased by the pound.

**Endwell Lawn Mixture.** An unusual ultra mixture of the best, cleanest and heaviest grades of seed, combined to make a luxuriant lawn the entire Summer and last for years. Contains bent grasses. Lb. \$1.85, 3 lbs. \$5.50, 5 lbs. \$9.00, 10 lbs. \$17.50, 25 lbs. or more, \$1.70 per lb.

**Endwell Shady Lawn Mixture.** The same grade of grasses found in our Endwell mixture, except adapted to shady locations. Lb. \$1.90, 3 lbs. \$5.65, 5 lbs. \$9.25, 10 lbs. \$18.00, 25 lbs. or more, \$1.75 per lb.

**Evergreen Lawn Mixture.** A leader with us and composed of fine selection of high grade grasses for a lasting lawn. Contains fancy white clover and has for years been very popular and given satisfactory results. Lb. \$1.35, 3 lbs. \$4.00, 5 lbs. \$6.50, 10 lbs. \$12.50, 25 lbs. or more, \$1.20 per lb.

**Evergreen Shady Lawn.** The same grade of grasses found in our Evergreen Mixture, except adapted to shady locations. Lb. \$1.40, 3 lbs. \$4.15, 5 lbs. \$6.75, 10 lbs. \$13.00, 25 lbs. or more, \$1.25 per lb.

**No. 5 Sunny.** Very much better than lawn seed offered for the price but not recommended for a fine, velvety lawn. Lb. \$1.00, 3 lbs. \$2.95, 5 lbs. \$4.75, 10 lbs. \$9.00, 25 lbs. or more, 85c. per lb.

**No. 5 Shady.** Same grade of grasses as above except suitable for shady places. Lb. \$1.05, 3 lbs. \$3.10, 5 lbs. \$5.00, 10 lbs. \$9.50, 25 lbs. or more 90c. per lb.

We guarantee our mixtures to equal or excel the best and invite analysis test. One pound of our mixture is sufficient to sow 250 to 300 square feet. The essentials of a good lawn are, well drained rich soil, thorough working of the ground to make it fine, mellow and smooth, then roll and fill in any depressions. Rake lightly and sow the seed by broadcasting one-half of the seed one way and the balance at right angles to insure even distribution and then roll again lightly. All lawns should be rolled thoroughly every Spring. Early Spring or Fall is the best time to seed so that the young plants will not be exposed to dry cold weather or hot Summer sunshine until the roots are well established. To renovate old lawns, rake thoroughly and sow one-half the amount of seed required for a new lawn and roll. Get seed in just before a rain if possible. Where clay soil becomes too hard or where soil is composed of sand and gravel, Peat Moss and organic fertilizers are recommended, and may be worked in to excellent advantage to provide humus.

## GRASS SEED FOR RECREATIONAL GROUNDS

We will be pleased to prescribe a special formula for your particular case, or to mix your own favorite formula from our stock of highly tested separate varieties listed on page 32.

## BENT PUTTING GREEN MIXTURE

A well-blended combination containing the very finest assortment of low-growing, hardy grasses which will withstand closest mowing. Sow at the rate of 1 lb. to 100 square feet. Lb. \$1.85, 20 lbs. \$35.00, 100 lbs. \$170.00.

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*See page 32 for Special Mixtures*

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**GERMINATION TESTS • Marked on Every Package**

To guide you in sowing seed properly, we mark every package of seed with the actual results of our germination tests. Flowers as well as vegetables are all carefully checked to be sure they meet our high standards of what germination should be. Most of our seeds are tested in the soil as well as in germinators so we know they have real vitality. Many years ago we pioneered in giving our customers this service, and we believe we are still far ahead of other seedsmen in the thoroughness and accuracy of our tests

**REMITTANCES**

Remittances should be made by P. O. or Express money orders, drafts or certified personal checks.

**NON-WARRANTY:** We cannot control conditions, or natural laws as they affect the growing of seeds and therefore, we give no warranty, express or implied, as to the description, purity, productiveness, or any other matter of any seeds, plants or bulbs we send out, and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

**DELIVERY**

When cash accompanies order we deliver by mail, truck, freight or express at our option, all Vegetable, Flower and Lawn Seeds amounting to \$20.00 or more.

Customer pays transportation on Bulbs, Field Seeds, Onion Sets, Implements, Fertilizers, Plants and Potatoes and accessories.

**TERMS**

Charge accounts opened with parties of approved credit, 30 days net, on flower and garden seeds only. If C.O.D. shipment is desired, send 25% with order.

**PACKING**

No charges for cases or packing. Cotton and Burlap Bags invoiced at cost and we make full allowance when returned, prepaid, in good condition.

**ALLOW PLENTY OF TIME FOR YOUR ORDER TO REACH YOU**

Transportation problems often arise which may cause serious and expensive delays in delivery, therefore, we urge our customers to order their seeds well in advance of the time they wish to plant. Consideration should also be given to any shortage of some varieties of seeds and other merchandise that usually develop during the season.

Due to Conditions Beyond Our Control, Prices in this Catalog are Subject to Change Without Notice

**1880—BANFIELD-JENNINGS CORP.—1954**

Member of American and State Seed Trade Associations, and Associate Member of the Florists and Turf Associations

**111-115 Railroad Avenue**

**ELMIRA, N. Y.**

Dealers and Market Gardeners Please Write for Quantity Price.

**FIELD SEEDS**

- Alfalfa, Ranger.
- Alfalfa, Northwestern grown.
- Alfalfa, Canadian variegated.
- Alfalfa, Grimm.
- Alsike, or Hybrid Clover.
- Medium Red Clover, domestic grown.
- Mammoth Red or Sapling Clover.
- Ladino Clover.
- Wild White Clover.
- White Blossom Sweet Clover.
- Timothy and Alsike Mixed (20% Alsike Clover).

- Timothy.
- Hay Grasses
  - Rye Grass.
  - Brome Grass.
  - Reed Canary Grass.
  - Orchard Grass, Fancy.
- Trefoils.
- Certified Grains, Barley, Oats, Peas, Wheat.
- Soy Beans—Black Wilson, Manchu, Lincoln.

**FUNK-G HYBRIDS**

Crop-Protection bred into your seed. Vigorous, healthy, upstanding Corn despite 'enemies' and bad weather. Folks planting Funk-G Seed gain all the above advantages—and more. They know that as further corn improvements come along, they will be first to share them. More folks plant Funk-G each year. This growth is sure, because it is on a sound foundation. Funk-G Seed comes only from BALANCED breeding. Based on America's leading, outstanding true-research program. Tireless sincere trained breeders with proper 'know-how' mate together bloodlines to suit conditions of the user's section. These folks get good fast starts, stands that look good in favorable weather and STAY that way right through. Plants stay green—keep making extra corn. Their corn stands up. How it fights off heavy attacks by the elements, Disease-attacks that strike the neighborhood, have less effect on their crops. They see more 'firing' of neighbors' corn in long dry spells, than their corn suffers. There's more resistance to insect pests than used to be.

**SEED CORN—FIELD CORN**

**HYBRID CORN**

- Wisconsin 275.
- Wisconsin 335.
- Wisconsin 355.
- Certified 29-3
- Certified 29-3.

**HYBRID CORN**

- Ohio K-24.
- Ohio M-15.
- Cornell 35-5.
- Cornell M-1.
- Cornell M-4.

**OPEN POLLINATED**

- Westbranch Sweepstakes.
- Lancaster Sure Crop.
- Leaming.
- White Cap Yellow Dent.
- Cornell No. 11.

- Cornell No. 11.
- Beckwith Strain Cornell No. 11.
- 8-Row N. Y. S. Flint
- White Cap Yellow Dent.

Protect Your Corn Plantings  
with  
**STANLEY'S CROW REPELLENT**

PRICES ON REQUEST

**5-STAR BENEFITS OF FUNK-G SEED**

**FAST STARTING**—high germination, full uniform stand, vigorous plants even under adverse conditions.

**DISEASE RESISTANCE**

**STANDABILITY**

**INSECT RESISTANCE**

**DROUGHT RESISTANCE**



## BEAUTIFUL ASTERS

The introduction of a Wilt-resistant strain of Asters of recent years has helped tremendously in restoring this beautiful flower to popular favor as a garden plant. Up until the time of the origination of this resistant strain, garden enthusiasts were becoming discouraged trying to grow Asters outdoors with the wilt-disease so prevalent. The appearance of this new strain has again awakened interest in the culture of Asters.

### AMERICAN BEAUTY Wilt-resistant Aster

This beautiful variety is beyond doubt one of the grandest sorts in cultivation. It is of the Late Branching type, growing from 2 to 2½ feet high. The flowers are large and full with incurved petals. Pkt. ½ oz.

<b>Crimson Beauty.</b> Crimson.....	\$0.15	\$0.75
<b>Lavender Beauty.</b> Lavender.....	.15	.75
<b>Purple Beauty.</b> Violet-purple.....	.15	.75
<b>Shell Pink, Beauty.</b> Pink.....	.15	.75
<b>White Beauty.</b> Pure white.....	.15	.75
<b>Finest Mixed</b> .....	.15	.50

### HEART OF FRANCE

**Rich Ruby Red.** Large. Pkt. 15c., 1/16 oz. 25c.



Aster, Giant Crego

### GIANT CREGO Wilt-resistant Aster

These are the finest Asters for cut flowers, growing 2 feet high, well branched, of sturdy growth. Pkt. ½ oz.

<b>Azure Blue</b> .....	\$0.15	\$0.50
<b>Crimson</b> .....	.15	.50
<b>Light Pink</b> .....	.15	.50
<b>Purple</b> .....	.15	.50
<b>White</b> .....	.15	.50
<b>Finest Mixed</b> .....	.15	.40

### SUPER GIANTS

The largest and most fully double Aster known. Plants grow 2½ feet tall.

<b>El Monte.</b> Crimson. Pkt. 15c., ⅛ oz. 75c.
<b>Los Angeles.</b> Shell pink. Pkt. 15c., ⅛ oz. 75c.

### IMPROVED GIANTS OF CALIFORNIA 30 inches

Late, midseason. Large flowers with petals curled and interlaced. Ideal for show and cutting.

**Mixed Colors.** Pkt. 15c., 1/16 oz. 75c.

### NEW PRINCESS ASTERS (WILT-RESISTANT)

A very attractive New, Early Flowering Aster. Branching habit and very free flowering. Flowers have a deep crested center.

<b>Princess Anne.</b> Opening delicate pink, it turns rose-pink as the flowers mature.
<b>Princess Bonnie.</b> Soft salmon-rose shade.
<b>Princess Marsha.</b> Vibrant cinnabar scarlet. Excellent for cutting.
<b>Princess Barbara.</b> Orchid.
<b>Princess Linda.</b> Clear rose.

Each, Pkt. 25c., ⅛ oz. \$1.25

**Princess Mixed.** Pkt. 15c., ⅛ oz. \$1.00.

For best results the ground cannot be too richly prepared. Plants from seed sown in the open ground in May will bloom in September and October. For July and August flowers, sow in March or April in coldframes or hotbeds. We especially recommend the following as being the best for cutting and general garden use.

### CALIFORNIA SUNSHINE

Midseason blooming. Flowers measure 4 to 5 inches across and have a single row of loosely placed outer petals with a quilled center.

**Mixed Colors.** Pkt. 15c., 1/16 oz. 50c.

### AMERICAN BRANCHING

An Aster selected for its large, double, Chrysanthemum-like blooms borne on long, stiff stems. Plants grow from 2½ to 3 feet high.

**Mixed Colors.** Pkt. 15c., 1/16 oz. 40c.



Aster, Princess Bonnie

# Reliable Flower Seeds

Our list of Flower Seeds has again been carefully revised and comprises only the choicest and most selected types in their respective classes, which we are certain will give satisfaction. *All Flower Seeds Postpaid.*

## BRIEF CULTURAL DIRECTIONS

**Hardy Annuals**—H.A.—Seeds sown outdoors, bloom the first year.

**Half Hardy Annuals**—H.H.A.—Those that are sown under glass in the early Spring and transplanted outdoors in April and May.

**Hardy Biennials**—H.B.—Seeds sown outdoors and bloom the next year, some bloom the first year if sown early.

**Half Hardy Biennials**—H.H.B.—Seed sown one year under glass and planted outdoors the following Spring.

**Hardy Perennials**—H.P.—Seeds sown outdoors one year bloom the next and each succeeding year without protection.

**Half Hardy Perennials**—H.H.P.—These bloom from seed the second year, but need Winter protection thereafter.

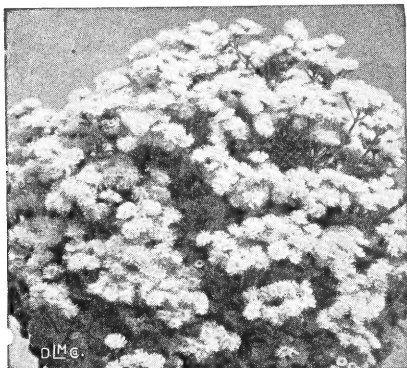
**Greenhouse Plants**—G.P.—Tender plants for growing under glass.

## AFRICAN GOLDEN DAISY

An extremely showy annual Daisy from South Africa. The bushy plant grows 12 inches high, and the flowers are 2½ inches across, a rich glossy orange-yellow, with dark disc and halo. Blooms continuously.  
Pkt. 15c., ⅓ oz. 50c.

## AGERATUM. H.H.A.

Blooms throughout the entire Summer and Fall. 1 foot.  
**Blue Ball.** Richest shade of blue. Pkt. 15c., 1/16 oz. 75c.  
**Blue Cap** (Re-selected). Dwarf, rich deep blue. Pkt. 15c., ⅓ oz. 75c.  
**Blue Perfection.** Finest blue bedding variety. Pkt. 15c., ⅓ oz. 75c.  
**Fairy Pink** (New). A dwarf, soft salmon-pink color. Pkt. 15c., 1/16 oz. 75c.  
**Midget Blue** (New). Azure-blue, 3-4 in. Pkt. 25c., 1/16 oz. 75c.



Ageratum, Blue Ball

## CALENDULA. H.A.

(Pot Marigold)

**Campfire (Sensation).** Brilliant orange flowers. Their characteristic flatness accentuates their unusual size. Pkt. 15c., ⅓ oz. 50c.  
**Orange King.** Double, rich orange-red variety, producing flowers over 3 in. in diameter. Pkt. 15c., ⅓ oz. 25c.  
**Orange Shaggy** (New). Pkt. 15c., ⅓ oz. 30c.  
**Radio.** Deep orange, quilled petals, long stems. Pkt. 15c., ⅓ oz. 30c.  
**Sunshine or Chrysantha.** Tall, large, double Buttercup yellow flowers with long, wide petals drooping in the same manner as a Chrysanthemum. Pkt. 15c., ⅓ oz. 30c.  
**Mixed, All Double Sorts.** Pkt. 15c., ⅓ oz. 25c.

## CANDYTUFT. H.A.

Showy plants, much grown in masses in beds or for edging. 12 inches.

**Coronaria, Giant Hyacinth-flowered.** White. 1 ft. Pkt. 15c., ⅓ oz. 25c.

**Mixed Annual Sorts.** Pkt. 15c., ⅓ oz. 25c.

## ALYSSUM. H.A.

Pretty little plants for beds, vases or along edgings or rockwork; blooming profusely all Summer.

**Carpet of Snow.** Dwarf; pure white. 4 in. Pkt. 15c., ⅓ oz. 25c.

**Lilac Queen.** Pure lilac flowers, dwarf and compact growth. 6 in. Pkt. 15c., 1/16 oz. 25c.

**Little Dorrit.** A perfect little bush 4 in. high smothered with miniature white flowers. Pkt. 15c., ⅓ oz. 25c.

**Maritimum** (Sweet Alyssum). Fragrant white; flowers all Summer. 6 in. Pkt. 15c., ⅓ oz. 25c.

**Royal Carpet** (New). *All-America Winner for 1953.* Grows only a few inches high but a mass of lovely violet blooms. Pkt. 25c.

**Saxatile compactum.** H.P. Spring-blooming Alyssum with yellow flowers. 12 in. Pkt. 15c., ⅓ oz. 25c.

## AMARANTHUS. H.A.

Annuals with brilliant foliage, thriving best in a hot, sunny location and a soil that is not too rich. 3 to 5 feet high.

**Caudatus** (Love-lies-Bleeding). Blood red; drooping. 3 ft. Pkt. 15c., ⅓ oz. 25c.

## ARCTOTIS. H.H.A.

**Grandis.** Daisy-like flowers; white shaded blue. Pkt. 15c., ⅓ oz. 25c.

## BALSAM. H.A.

(Lady Slipper)

Very showy and easily grown, succeeding best in sunny situations. 1 to 1½ feet.

**Mixed Colors.** Pkt. 15c., ⅓ oz. 25c.

## BELLIS. H.P.

**Perennis fl. pl.** (Double English Daisy) Spring-flowering perennial. 6 in. Pkt. 15c.

## CARNATION ANNUAL VARIETIES

These are general favorites for their richness of color and delightful fragrance.

## MARGUERITE CARNATIONS

These will bloom in four months after sowing the seed. The flowers are large, fragrant, and are produced continuously.

**Choice Mixed.** Pkt. 15c., ⅓ oz. 75c.

## CHABAUD'S GIANT

Blooms in five months after seed is sown and continues to bloom throughout the Summer. Flowers of fine substance and usually come 90 per cent double. Pkt. 15c., ⅓ oz. \$1.00.

**Choice Mixed.** Pkt. 15c., ⅓ oz. 75c.

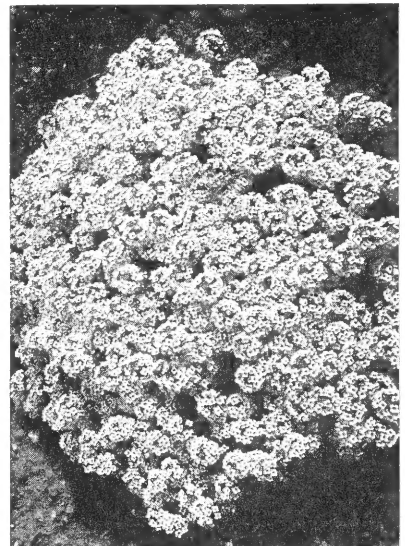
ALL PRICES SUBJECT TO MARKET CHANGES

## BRACHYCOME. H.H.A.

**Iberidifolia, Mixed.** The well-known "Swan-river Daisy" is a beautiful little, half-hardy annual. Pretty blue flowers. 18 in. Pkt. 15c., ⅓ oz. 75c.

**Finest Mixed.** Pkt. 15c., 1/16 oz. 30c.

## ASTERS—See page 2.



Alyssum, Royal Carpet

## CALLIOPSIS

A very showy annual in bloom from early Summer till frost. Single or double.

**Golden Crown.** Large, rich orange-yellow flowers on 1 ft. stems. Blooms for a long time. Pkt. 15c., ⅓ oz. 50c.

**All Colors Mixed.** Pkt. 15c., ⅓ oz. 45c.

**Dwarf Colors Mixed.** Pkt. 15c., ⅓ oz. 45c.

## CAMPANULA (New Annual)

This desirable class blooms within six months from seed. Same large flowers as in the Biennial varieties.

**Mixed Colors.** All the colors of the Biennial Campanula; shades of blue, rose and white carefully blended. 2 to 2½ ft. Pkt. 15c., ⅓ oz. 75c.

## CARDINAL CLIMBER

Bright red Morning-glory-like flowers on vines, 10 to 20 feet long. Sow outside in early Spring. Pkt. 10c., ⅓ oz. 30c.

## CASTOR-OIL BEAN

Pkt. 10c., ⅓ oz. 25c.

**CANARY BIRD VINE**

Sulphur yellow flowers with a green spur. The shape resembles a canary bird. Vines 8 to 10 feet. Pkt. 15c., 1/8 oz. 30c.

**CENTAUREA. H.A.**

(Cornflower)

These old-fashioned flowers represent the best and most beautiful Summer blooming plants.

**Cyanus, Double Blue, Rose.** Each, pkt. 15c., 1/8 oz. 25c.

**Double Mixed.** Pkt. 15c., 1/8 oz. 25c.

**Imperialis (Giant Sweet-Sultan).** The finest of all Sweet Sultans for cut flower purposes. Pkt. 15c., 1/8 oz. 50c.

**Jubilee Gem.** Dwarf and compact, dark blue flowers. Excellent for beds and mass planting. Pkt. 15c., 1/16 oz. 50c.

**CHRYSANTHEMUM**

**Golden Crown.** Flowers with finely quilled petals of bright golden yellow. Unusually free-flowering, growing to a height of 2 1/2 to 3 ft. Seed must be started very early. Pkt. 25c., 1/8 oz. 40c.

**Single Annual.** The bright-colored Daisy-like flowers are useful for cutting. Height, 1 to 1 1/2 ft. **Mixed.** Pkt. 15c., 1/8 oz. 25c.

**CLARKIA. H.A.**

This pretty and easily grown annual does well either in sun or shade. 2 feet.

**Double Mixed.** All colors. Pkt. 15c., 1/8 oz. 30c.

**CLEOME. H.A.**

(Giant Spiderflower)

**Gigantea.** Bright rosy crimson flowers; adapted for large beds or borders. 3 1/2 ft. Pkt. 15c., 1/8 oz. 50c.

**COBAEA. H.A.C.**

**Scandens.** Tender climber, large bell-shaped blue flower. 20 ft. Pkt. 15c., 1/8 oz. 50c.

**COCKSCOMB or CELOSIA**

**Glasgow Prize.** Immense, showy, dark crimson combs. Height, 1 ft. Pkt. 15c., 1/8 oz. 50c.

**Pride of Castle Gould.** Colors include brilliant shades of pink, orange, and crimson. Annual. Pkt. 15c., 1/8 oz. 50c.

**COSMOS. H.A.**

This is one of our most beautiful and useful showy annuals. It is most effective when planted in broad masses, or along back ground borders against evergreens or fences.

**Dwarf Early Giant Flowering.** If sown in May in the open ground will usually bloom by the second week in July. Pkt. 15c., 1/8 oz. 25c.

**Early Double Crested.** A splendid class, producing double and semi-double flowers, beautifully crested and most striking in appearance. Pkt. 15c., 1/8 oz. 50c.

**Klondyke Orange Flare (New).** Vivid orange, early flowering. Pkt. 15c., 1/8 oz. 50c.

**Sensation (Dazzler).** With their wavy, fluted petals, these enormous blooms are more glorious than words can express. An early flowering strain that grows about 3 feet high. Rich velvety crimson maroon. Pkt. 15c., 1/16 oz. 25c.

**CUPHEA. H.A.**

**Firefly.** Semi-dwarf annual. Fiery cerise-red flowers on compact plants, about 10 in. high. Excellent for the rocky, window boxes or pots. Pkt. 25c., 1/16 oz. 75c.

**CYNOGLOSSUM. H.A.**

**Amabile, Dwarf Firmament.** Beautiful, rich blue, sweet-scented flowers. Fine for cutting. 18 in. Pkt. 15c., 1/8 oz. 25c.

**Amabile, Pink.** Pkt. 15c., 1/8 oz. 50c.

**CYPRESS VINE**

(Ipomoea Quamoclit)

A splendid, quick-growing vine with fine, feathery, rich green leaves and starred with small showy red flowers. Pkt. 15c., 1/8 oz. 25c.

**DAHLIA**

**Unwin's Dwarf Hybrids.** Graceful, semi-double flowers in many colors. Sow in March indoors and they will bloom by the end of June. Fine for bedding and cutting. Pkt. 25c., 1/16 oz. 50c.

**DIANTHUS. H.A.**

(Pinks)

A most satisfactory class of flowers, easily raised from seed, which are in constant bloom the entire season; fragrant.

**Heddewigi (Single Japan Pink).** Finest single-flowered. **Mixed.** Pkt. 15c., 1/8 oz. 25c.

**Heddewigi fl. pl. (Double Japan Pink).** Colors varying from the richest crimson to the most delicate rose. **Mixed.** Pkt. 15c., 1/8 oz. 25c.

**Plumarius, Mixed.** H.P. Double and semi-double blooms with spicy fragrance. Known everywhere. 18 in. Pkt. 15c., 1/8 oz. 35c.

**DIDISCUS**

**Caeruleus (The Blue Lace Flower).** This lovely annual has become extremely popular, on account of its beautiful, lacelike flowers of a delightful lavender-blue. Pkt. 15c., 1/8 oz. 50c.

**ESCHSCHOLTZIA. H.A.**

(California Poppy)

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. Sow the seed where the plants are to remain. Height 1 foot.

**Aurantia.** Rich golden orange. This is the true California Poppy. It is, perhaps, the most desirable where one color is wanted. Pkt. 15c., 1/8 oz. 20c.

**New Hybrid Mixed.** Pkt. 15c., 1/8 oz. 25c.

**Ramona, Pink.** Soft pink shades. Pkt. 15c., 1/8 oz. 30c.

**Ramona Strain.** A new compact strain of California Poppies. **Mixed.** Pkt. 15c., 1/8 oz. 30c.

**Ramona, White.** Pinkish tinge. Pkt. 15c., 1/8 oz. 30c.

**EUPHORBIA. H.A.**

**Variegata (Snow on the Mountain).** Attractive bright green foliage. Grows 2 ft. high. Pkt. 15c., 1/8 oz. 25c.

**FOUR O'CLOCK (Annual)**

(Marvel of Peru)

**Mixed.** A well-known and highly prized annual with lovely scented, colorful blooms which open up late in the afternoon. Blooms continuously from July until October. Grows 2 ft. tall. Pkt. 15c., 1/8 oz. 25c.

**GAILLARDIA**

(Blanket Flower)

The heads of star-shaped tufted flowers are greatly admired for their rich blending of red, yellow, orange. Height, 1/2 foot.

**Indian Chief.** An elegant, showy single-flowering annual variety with metallic red petals, surrounding a mahogany brown center. Pkt. 15c., 1/8 oz. 25c., 1/4 oz. 45c.

**GLOBE-AMARANTH**

Attractive, Clover-like, strawy flower heads, about 3/4 inch across.

**Mixed Colors.** 2 ft. high. Pkt. 15c., 1/8 oz. 25c.

**GOETIA. H.A.**

**Double Azalea-flowered.** Showy garden annuals 1 ft. high. **Mixed.** Pkt. 15c., 1/8 oz. 45c.

**GOURDS**

**Ornamental Varieties, Mixed.** Includes a great number of interesting and diverse forms. Pkt. 10c., oz. 25c.

**GYPSOPHILA**

(Baby's Breath)

Annuals and early-flowering Perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

**Elegans alba grandiflora.** H.A. Pure white large flowers. Pkt. 15c., 1/8 oz. 25c.

**Paniculata.** H.P. White single flowers, fine for bouquets; hardy perennials. Blooms first year if sown early. Pkt. 15c., 1/8 oz. 30c.

**Paniculata fl. pl., Double.** H.P. Small, double white bloom. Invaluable for cutting. 3 ft. Pkt. 15c., 1/16 oz. 50c.

**Rosea.** H.A. Rose-colored flowers. Pkt. 15c., 1/8 oz. 35c.

**HELIOTROPE. H.A.**

Everyone loves the delightful fragrance and beauty of Heliotrope. Pkt. 15c., 1/8 oz. 50c.

**HUNNEMANNIA. H.A.**

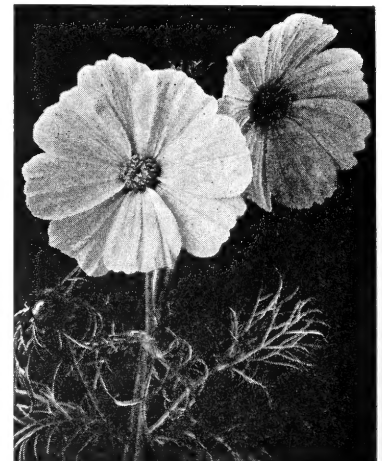
(Tulip Poppy or Bush Eschscholtzia)

**Sunlite.** Gorgeous, semi-double clear canary yellow blooms with a row of short petals on the outside, instead of the inside of the cup. Pkt. 15c., 1/8 oz. 60c.

**ICE PLANT. H.A.**

(Mesembryanthemum)

**Crystallinum.** The leaves appear as if covered with a coating of thin ice. Pkt. 15c., 1/8 oz. 25c.



Cosmos, Sensation

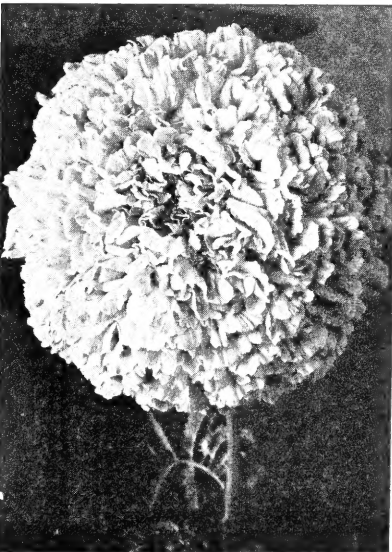


Annual Larkspur

**JOB'S TEARS.** H.A.  
Gray ornamental seeds. Often strung as beads. 2 to 3 feet. Pkt. 15c., oz. 25c.

**LANTANA.** H.A.  
**Hybrida, Mixed.** Shrubby annual plant with Verbena-like flowers. Height 2 ft. Pkt. 15c., 1/8 oz. 30c.

**LOBELIA**  
**Crystal Palace.** 4 in. Deepest blue annual. Highly desirable for edgings, ribbon bedding and garden decoration. Pkt. 15c., 1/8 oz. 75c.



Marigold, Guinea Gold

**ANNUAL LARKSPURS**

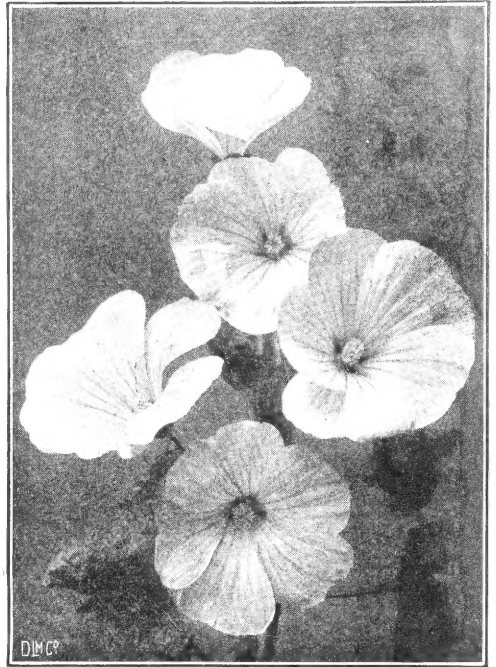
- Dark Blue.** Deep lovely blue flowers. Pkt. 15c., 1/8 oz. 35c.
- Empress Rose.** A rich rhodonite-pink changing to hermosa-pink with no trace of mauve. 6 ft. Pkt. 15c., 1/8 oz. 35c.
- Giant Imperial Coral King (New).** A new color in Larkspurs. Blush pink with a strong suffusion of coral. Pkt. 15c., 1/8 oz. 45c.
- Giant Imperial Blue Bell.** Deeper than sky blue. Long spikes of double flowers carried on stems 4 to 5 ft. long. Pkt. 15c., 1/8 oz. 35c.
- Giant Imperial White King (New).** The florets are extremely large and fully double. Pkt. 15c., 1/8 oz. 45c.
- Lustrous Carmine.** Bright red. Pkt. 15c., 1/8 oz. 45c.
- Stock Flowered Rosamond.** Deep rose double flowers on long spikes. Pkt. 15c., 1/8 oz. 45c.
- Mixed Choice Colors.** Fine for cutting. Pkt. 15c., 1/8 oz. 35c.

**LAVATERA.** H.A.

(Mallow)

Annual Mallows produce a decorative effect in hedges or borders. The large, cup-shaped blooms, 2 to 3 inches across, bloom the entire Summer.

**Splendens rosea.** Bright rose pink flowers. Pkt. 15c., 1/8 oz. 40c.



Lavatera

**MARIGOLD**

- Crown of Gold (New).** Pkt. 15c., 1/16 oz. 25c.
- Dixie Sunshine.** Pkt. 20c., 1/16 oz. 30c.
- Double Harmony Hybrids (New).** Dwarf Double French. Orange center, petals flanked by broad, velvet dark maroon, brown guard petals. Pkt. 25c., 1/8 oz. 35c.
- Dwarf French Double Butterball.** Compact, scabious-flowered, canary yellow. Only 6 to 10 in. tall. Pkt. 25c., 1/8 oz. 35c.
- Flash.** All America Bronze Medal Winner. Uniform, compact plants 18 in. high, covered throughout the Summer and Fall with enticing single blooms varying from bright tangerine to rich red. Pkt. 25c., 1/16 oz. 60c., 1/8 oz. \$1.00.
- French (Royal Scot).** Tall double, mahogany and gold. Pkt. 15c., 1/8 oz. 35c.
- French Dwarf Double, Mixed.** Pkt. 15c., 1/8 oz. 50c.
- Giant African, Double.** Height 3 ft. All shades of yellow. **Finest Mixed.** Pkt. 10c., 1/8 oz. 25c.
- Guinea Gold.** Without question the most glorious and lovely of all Marigolds. The richest, purest orange-gold color. 2 to 2 1/2 ft. high. Pkt. 15c., 1/8 oz. 50c.
- Mammoth Mum.** All America Award. The largest-flowering incurved Chrysanthemum-flowered Marigold. Looks much like the large chrysanthemums. The flowers are 4 to 5 inches across, of rich lemon-yellow. Blooms 2 1/2 months from seed. The 3-foot plants are erect, strong and bushy, giving long stems to these beautiful flowers. Pkt. 15c., 1/16 oz. 50c.
- Mayling** (Named for Mme. Chiang Kai-shek). Carnation-like, with dainty fringed petals. Buttery golden-primrose. Early and continuous. Pkt. 25c., 1/8 oz. 75c.
- Scarlet Glow.** A dwarf French double, bright bronzy red, largest and brightest French sort. Pkt. 25c., 1/8 oz. \$1.00.
- Sunkist.** A very dwarf Marigold with rich, blazing orange flowers, 1 1/2 inches across. Plants grow from 6 to 12 inches tall and are well covered with showy, attractive blooms. Pkt. 25c., 1/8 oz. 50c.

- Spry.** Extra dwarf, double French type; orange center, outer petals maroon. Pkt. 25c., 1/8 oz. 75c.
- Sunset Giants (New).** A Marigold without the objectionable odor. Flowers loosely formed, full center, colors light yellow to deep orange. Pkt. 15c., 1/16 oz. 75c.
- Yellow Pygmy (Dwarf French).** All America Winner. Plants only 6 in. high, sparkling, light lemon-yellow flowers, very early, continuous. Pkt. 25c., 1/8 oz. 50c.
- Yellow Supreme.** Pkt. 15c., 1/8 oz. 35c.

**CHRYSANTHEMUM-FLOWERED VARIETIES (Incurved)**

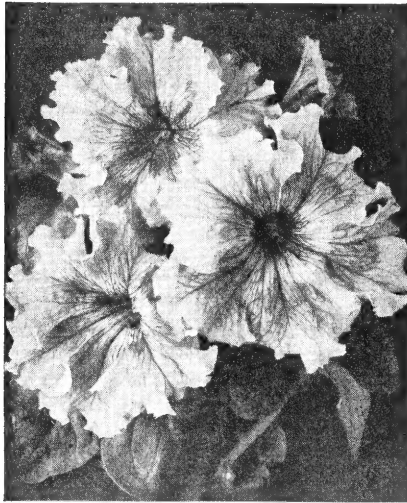
Identical in form to a lovely Chrysanthemum.  
**Limelight.** Color very light primrose yellow. Flowers 2 1/4 in. across, round and symmetrical. Early flowering. Uniform, dwarf, bushy, 20 in. plants, 2 ft. across. Pkt. 20c., 1/8 oz. 85c.



Marigold, Flash

# PETUNIAS

## SINGLE FRINGED



Petunia, Giants of California

## Double Giants of California

**Macdonald's Exquisite Mixed.** An improved Shepherd Strain of Double Petunia. Immense blooms are typical of this improved double strain, each being so ruffled and fringed that the petals have to be parted for proper pollination and seed production. Magnificent color range and high doubles percentage. Pkt. 50c., 1/64 oz. \$10.00.

## Giant Ruffled

(*Hybrida Grandiflora Superbissima*)

The flowers, with their large, wide-open throats, are deeply ruffled, artistically veined, and, when well grown, often measure 5 to 7 inches across. Flowering plants can be had in four months from the time of sowing the seed. Plants bloom until frost.

**Fluffy Ruffles.** A marvelous blend of Giant Ruffled Petunias in many beautiful colors, with wide-open throats, many of which are feathered or veined with contrasting delicate or deep, rich hues. Pkt. 25c., 1/32 oz. \$3.00.

## Giants of California

**Giant-flowered Ruffled Varieties.** Vigorous growers of semi-trailing habit, with flowers which often measure 4 in. across. Many light shades, mostly with blotches and pencil-markings of a different color in the throat. A superb strain. Pkt. 25c., 1/32 oz. \$3.00.

**New Dwarf California Giants (*Ramona Strain*).** A fine, new, dwarf, compact strain of the well-known California Giants. Excellent for pots. Pkt. 25c., 1/32 oz. \$5.00.

## Bedding Petunias

(*Petunia Hybrids*)

Plants are extremely free blooming, producing a wealth of flowers even under the most trying conditions of weather and soil. Ideal for large beds, borders and porch boxes. Grow 1½ to 2 feet tall.

**Burgundy.** Single plain edged (New). Red with white throat, strong grower. Pkt. 25c.

**Dainty Lady.** A new yellow single fringed Petunia. Pkt. 25c., 1/32 oz. \$1.50.

**Elk's Purple.** Lovely deep violet-purple blooms forming a 5-pointed star with their large, smooth-edged lobes. Remarkably rich and even tone. Pkt. 25c., 1/128 oz. 75c., 1/64 oz. \$1.50.

**Flaming Velvet.** Rich velvety blood-red. Pkt. 35c., ½ oz. \$1.25.

**Gen. Dodds.** Vivid dark crimson flowers of a soft, velvety texture. Pretty. Pkt. 15c., ½ oz. \$1.50.

**Hollywood Star.** Star-shaped flowers of a beautiful rose-pink color. Pkt. 25c., ½ oz. \$1.25.

**Howard's Star Improved.** Deep crimson-maroon starred blush-white. Pkt. 25c., 1/16 oz. 45c., ¼ oz. \$1.25.

**Radlance.** Rich cerise-rose with enough underlying salmon to intensify its brilliance; all in lovely contrast to the brown veined golden yellow throat. Pkt. 25c., 1/16 oz. 60c., ½ oz. \$1.00.

**Snowstorm.** Pure, clear, snow-white flowers are borne most lavishly. Pkt. 15c., ½ oz. 75c.

**All Colors Mixed.** A choice assortment of bedding spreading varieties in a wide and varied range of colors; makes a showy, bright display in beds and borders. Pkt. 15c., ¼ oz. 40c., ¼ oz. 70c.

## Dwarf Petunias

(*Hybrida Nana Compacta*)

The dwarf, compact Petunias are very free flowering, the round, mound-like plants being covered with blooms from early Summer until frost. Ideal for edgings to taller plants, beds, borders and pot culture. 1 foot tall.

**Ballerina.** Soft glowing salmon. Dwarf fringed type. *All-America* winner. Pkt. 50c.

**Comanche.** *All-America Winner* for 1953. Flashing red. Good habit of growth. Pkt. 50c.

**Celestial Rose.** Deep rose; compact; excellent for bedding. Pkt. 25c., ½ oz. \$1.25

**Lady Bird (*Bronze Medal*, 1939, A.A.S.)** Large blooms of a remarkable shade of bright velvety scarlet; dark throat. Very free flowering. Pkt. 25c., 1/16 oz. 75c.

**Martha Washington (*Ruffled nana compacta*) (New).** The color is quite remarkable: The frilled portion of the flower is a beautiful blush-pink and the center portion is strongly veined a rich wine-red deepening in the throat, to dark violet. It is very suitable for borders, bedding, pots, or window-boxes. Pkt. 15c., 1/32 oz. \$1.00.

**Rosy Morn.** Medium-sized flowers of clear rose-pink with white throat. Pkt. 15c., ½ oz. \$1.00.

**Rose of Heaven.** Exquisite rose with a rather inconspicuous light throat. Very bright and showy. A lovely color, always admired. Pkt. 15c., ½ oz. \$1.00.

**Salmon Supreme.** Rich color, salmon when first opening, changing to a glistening soft salmon-pink. The loveliest color imaginable. Winner of *All-America Award of Merit*. Pkt. 25c., 1/128 oz. 60c., 1/64 oz. \$1.00.

**Snow Queen.** Height 12 in., good sized, white flowers on bushy plants. Pkt. 25c., 1/16 oz. \$1.25.

**Snowstorm Improved.** The finest pure white bedding Petunia. Dwarf, compact and very free flowering. Pkt. 25c., 1/32 oz. \$2.00.

## PETUNIA MINIATURE (H.A.—8 in.)

Distinct group of Petunias, plants grow about 8 inches tall and form perfect, ball-shaped, neat, round mounds about 6 inches across. Plants are very profuse blooming throughout the Summer and Fall. Wonderful for borders and edgings or here and there in rock gardens. Seeds may be sown outdoors when soil has become warm or, for earliest blooms, start indoors six weeks before your outdoor planting time.

**Igloo.** Compact white. Pkt. 15c., 1/16 oz. 75c.

**Norma.** Blue, white star, very compact. Pkt. 15c., 1/16 oz. 75c.

**Twinkles.** Rose, white star. Pkt. 15c., 1/16 oz. 75c.

**Violet Queen.** Large flowered dark violet. Pkt. 15c., 1/16 oz. 75c.

**Exquisite Mixed.** A hand blended mixture. Pkt. 15c., 1/16 oz. 75c.

## Balcony Petunias

A splendid large and free flowering type for window boxes, vases, hanging baskets, etc. The flowers measure 3 inches in diameter. Also fine for beds and borders.

**Balcony Blue.** A very fine, rich blue. Pkt. 15c., 1/16 oz. 75c.

**Balcony Crimson.** A glowing color. Pkt. 15c., 1/16 oz. 75c.

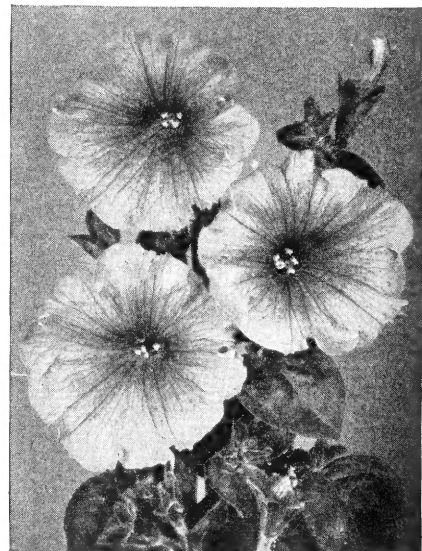
**Balcony Rose.** Always greatly admired. Pkt. 15c., 1/16 oz. 75c.

**Balcony White.** Excellent pure white blooms. Pkt. 15c., 1/16 oz. \$1.00.

**Balcony Mixed Colors.** Highly recommended for a colorful effect. Pkt. 15c., 1/16 oz. 50c.

**Black Prince.** Deepest maroon. Pkt. 20c., 1/16 oz. 75c.

**Cornflower Blue (*Blue Wonder*).** Magnificent Cornflower blue blooms. Pkt. 15c., 1/32 oz. 75c.



Petunia, Comanche





Mignonette

**MIGNONETTE, Sweet-scented**

Valuable on account of its fragrance. Sow in succession during the Summer. Annual. Pkt. 15c., 1/8 oz. 25c.

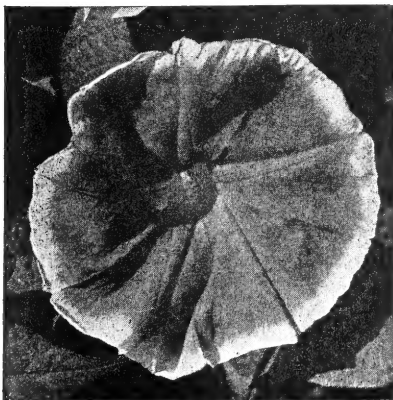
**MORNING-GLORIES**

(Ipomoea)

- Clark's Early Mammoth** (New). Blue. Pkt. 15c., 1/8 oz. 25c.
- Cornell** (New). Cornelian red with white borders. Pkt. 25c., 1/4 oz. 50c.
- Heavenly Blue** (*Rubra caerulea*). True blue flowers with white throat measuring 3 1/2 to 4 in. across. Very beautiful and good bloomers. Pkt. 15c., 1/8 oz. 25c.
- Japanese Imperial**. Flowers of immense size in a great variety of colors. Pkt. 15c., 1/2 oz. 25c.
- Pearly Gates**. A big, satiny white, with a creamy shading in the throat, gives this a beautiful appearance. Pkt. 15c., 1/8 oz. 25c.
- Scarlett O'Hara** (New). Gold Medal Award 1938 and 1939. Pkt. 15c., 1/8 oz. 50c.

**MEXICAN FIRE-BUSH or SUMMER CYPRESS**

An easily grown annual which forms a cypress-like hedge. Height, 2 to 3 feet. Pkt. 15c., 1/8 oz. 25c.



Ipomoea Cornell

**GRAND NEW DOUBLE SWEET-SCENTED NASTURTIUM**

**Double Gleam Hybrids.** A collection of gorgeously colored, large, well-formed double flowers of dazzling beauty. Semi-dwarf, easily grown in the garden. Fragrant. Pkt. 15c., 1/2 oz. 50c.

**Double Scarlet Gleam.** Individual double blooms of fiery orange scarlet, almost 3 in. across. Plants are semi-dwarf. Pkt. 15c., 1/4 oz. 50c.

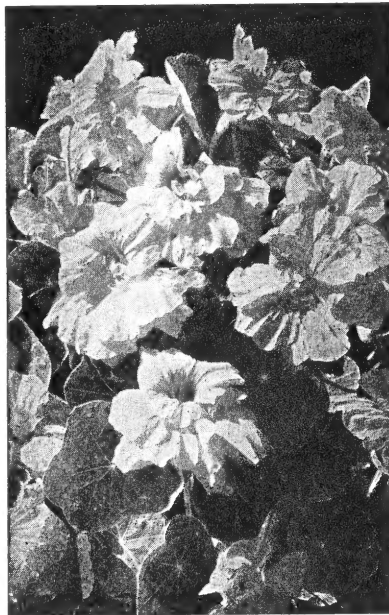
**Golden Gleam.** Large double golden yellow flowers 2 1/2 in. to 3 in. across. Stiff, erect stems 6 in. in length. Pkt. 15c., 1/4 oz. 35c.

**Dwarf Double Gem.** Very compact plants without runners; an abundance of long-stemmed flowers in colors ranging from the deepest crimson through orange, salmon and cerise to cream. Pkt. 15c., 1/4 oz. 35c.

**SINGLE-FLOWERING NASTURTIUMS**

**Our Gilt-edge Mixtures** are especially rich in brilliant colors, large, single flowers and free blooming. Pkt. 15c., oz. 50c., 2 ozs. 90c.

**Tall or Climbing Choicest Mixed.**  
**Tom Thumb Dwarf, Choice Mixed.**



Nasturtium, Double Gleam

**NICOTIANA. H.A.**

(Flowering Tobacco)

**Affinis, New Hybrids.** The plants average 2 1/2 ft. in height and bloom profusely in shades of rose red, crimson, and creamy white. Pkt. 15c., 1/8 oz. 40c.

**NIEREMBERGIA. H.A.**

(Cup Flower)

**Hippomanica.** A beautiful little plant for border decoration; 4 to 6 in. high, flowers delicate lavender, 1 to 1 1/4 in. across with a clear yellow eye. Pkt. 25c., 1/8 oz. 75c.



Nicotiana Affinis

**PHACELIA. H.A.**

Attractive little plants delighting in rather dry soil and a sunny situation. Fine for edgings and rockeries. Of easy culture. A gem for the "blue" garden.

**Campanularia** (*California Blue Bells*). Gentian-blue with contrasting white anthers. 9 in. Pkt. 15c., 1/4 oz. 30c.

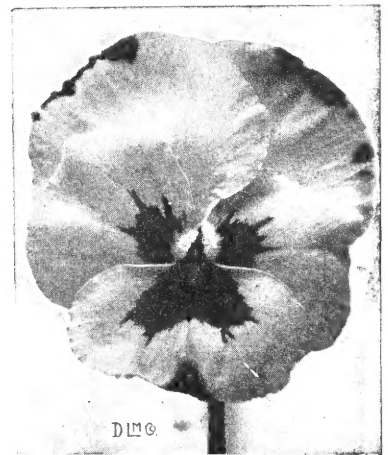
**PANSIES. H.P.**

**Giant Perfection Mixed.** This mixture is composed of giant-flowering sorts having many of the colors and different patterns found in the named varieties both as regards to size, texture and colorings. Pkt. 25c., 1/16 oz. \$1.00.

**New Swiss Giants.** The flowers are enormous, of beautiful, velvety texture, on long stems and in an unsurpassable mixture of salmon, dark blue, pink, mahogany, yellow and red, all of which are beautifully blotched. Pkt. 25c., 1/16 oz. \$1.00.

**Oregon Giants.** Extra long-stemmed giant flowers of somewhat flattened form; petals gracefully waved at the edge. They can be grown 4 in. across. A wonderful range of colors—everything that is desirable. Pkt. 25c., 1/16 oz. \$1.00.

**Trimardeau or Giant Mixed.** A Giant Flowering variety with an improved color range. Artistic effects can be achieved by planting this superb mixture. Pkt. 20c., 1/16 oz. 75c., 1/8 oz. \$1.40.



Pansy, Swiss Giant

**WE CARRY A FULL LINE OF BULBS FOR FALL PLANTING. PRICES WILL BE AVAILABLE OCTOBER 1st**

### "Shakespeare's Pansies"

A simple, quaint little gem suitable for any location in the garden. Gay, picturesque little faces reminiscent of the gardens of Olde England. Pkt. 35c.

### PHLOX DRUMMONDI. H.A.

**Fireball.** Crimson-scarlet. For dwarf beds or borders where plants growing 5 to 6 in. tall are wanted. They bloom freely throughout the Summer. Pkt. 15c., 1/8 oz. 75c.

**Salmon Glory.** A pure salmon-pink with a distinct creamy-white eye. Gigantic florets 1 1/2 in. in diameter on 10 in. trusses. One of the outstanding novelties of the year. Pkt. 25c., 1/16 oz. 75c.

**Choice Mixed.** All colors of the rainbow can be reproduced in their globular flower heads borne on strong stems which in a properly planted bed will form a sheet of color. Annual. Pkt. 15c., 1/8 oz. 50c.

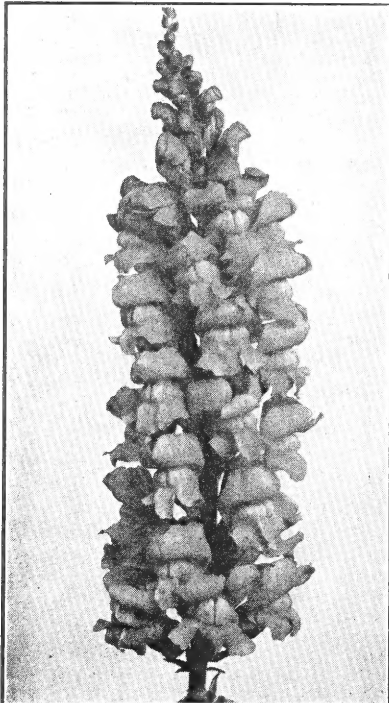
### PORTULACA. H.A.

(Moss Rose)

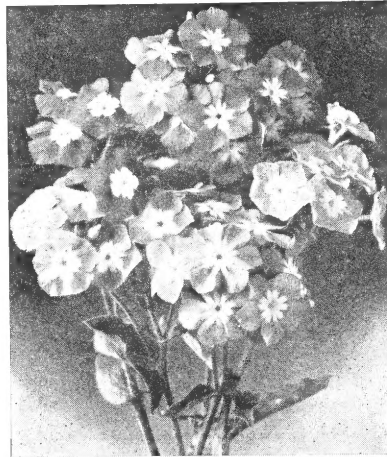
Dwarf-growing plants of easy culture, thriving best in a light, sandy soil and a sunny situation.

**Double Mixed.** Unsurpassed for brilliancy. A wide range of colors—orange, red, and white. Pkt. 15c., 1/16 oz. 50c., 1/8 oz. 75c.

**Single Mixed.** Pkt. 15c., 1/16 oz. 35c.



Giant Snapdragon



Phlox Drummondii

### ANNUAL POPPY. H.A.

**Double Shirley Art Shades.** A most charming Poppy. Large double flowers. Petals crinkled and fluted, measuring 3 to 4 in. across. **Mixed Colors** of clear new shades. Pkt. 15c., 1/8 oz. 25c.

**Shirley, Mixed Colors.** Varying in color from pure white to rosy carmine and deep crimson in mixture. Pkt. 15c., 1/8 oz. 25c.

### ROCK GARDEN

**Alpestris.** Dwarf rock plant; dainty pure white flowers. Pkt. 15c., 1/16 oz. 50c.

**Rock Garden Mixtures.** Annual finest mixed. Pkt. 15c. Perennial finest mixed. Pkt. 10c., 1/16 oz. 35c.

### LARGE-FLOWERING SALPIGLOSSIS

A free-flowering annual, succeeding best in cool, moist soils. The large flowers are most vividly spotted and striped on ground-colors of deep blue rose, velvety yellow and reddish bronze. Pkt. 15c., 1/8 oz. 50c.

### SEDUM

**Coeruleum.** 3 in. Pale blue. Pkt. 25c.

### GIANT SNAPDRAGON

(Antirrhinum)

#### RUSTPROOF

The new varieties are so far superior to the old-time Snapdragon that really there is no comparison. The blooms are very much larger, are better shaped, and far more brilliantly colored. The plants bloom very freely over a long period

**Alaska.** White.

**Apple Blossom.** Rose pink with white edge.

**California Giants.** Exquisite mixed. Pkt. 15c., 1/16 oz. 30c.

**Campfire.** Luminous scarlet.

**Copper King.** Bronzy copper.

**Crimson.** Fiery crimson.

**Daffodil.** Yellow.

**Loveliness.** Soft rose pink.

**Paradise Rose.** Rose pink.

**Yellow Giant.** Deep yellow. Pkt. 15c., 1/16 oz. 50c.

### SALVIA

(Scarlet Sage)

This popular and showy bedding annual plant should be started either in the house or in hotbeds.

**America or Globe of Fire.** Round, bushy plants, of uniform growth, 1 1/2 ft. tall, covered with large, well-filled, upright spikes of brilliant scarlet flowers. Popular. Pkt. 25c., 1/8 oz. \$2.00.

**Bonfire.** Compact, bushy plants, 2 ft. high producing erect spikes of brilliant scarlet flowers. Pkt. 15c., 1/8 oz. \$1.00. 1/4 oz. \$1.75.

**Splendens.** Tall-growing plants. Height 3 ft. Pkt. 15c., 1/4 oz. \$1.50. oz. \$5.00.

### LARGE FLOWERED DOUBLE SCABIOSA

These beautiful hardy annuals are in great demand. They grow about 2 1/2 ft. high. We highly recommend these new hybrid Scabiosas to all growers.

**Azure Fairy.** Clear lavender-blue. Pkt. 15c., 1/16 oz. 25c.

**Blue Moon (New).** Pkt. 15c.

**Fire King.** Fiery scarlet. Pkt. 15c., 1/16 oz. 25c.

**Giant Rosette (New).** Deep rose, suffused with salmon. Pkt. 15c., 1/16 oz. 40c.

**King of the Blacks.** Velvety black-purple. Pkt. 15c., 1/16 oz. 25c.

**Peachblossom.** Soft peach-blossom pink. Pkt. 15c., 1/16 oz. 25c.

**Peace (New).** All America Selection, 1941. Pkt. 25c.

**Salmon Beauty (New).** A perfect pure salmon. Pkt. 15c., 1/16 oz. 40c.

**Scabiosa caucasica (Blue Bonnet)** Perennial. Giant Hybrids (Isaac House strain), fringed and ruffled, shades of blue from lavender to dark blue, very large flowers. Pkt. 15c., 1/16 oz. 25c.

**Shasta.** Very large, pure white. Pkt. 15c., 1/16 oz. 25c.

**Mixed.** Pkt. 15c., 1/4 oz. 25c.

### SCHIZANTHUS

(Poor Man's Orchid)

**Butterfly Mixture.** Fine bright mixture, free flowering, compact pyramidal plants, 12 in. to 15 in. Pkt. 15c., 1/16 oz. 50c.

**Dr. Badger's Strain of Hybrids.** A beautiful collection of large-flowered hybrids with dainty markings, chiefly in the lighter tones or pastel shades. Pkt. 15c., 1/16 oz. 50c.



Scabiosa

## STATICE

(Sea Lavender)

**Latifolia.** Blue. Pkt. 15c., 1/16 oz. 25c.

**Sinuata.** Perhaps the prettiest of the various Everlastings, with long sprays of bright-colored paper-like flowers. The seeds are in the dried flower-heads which should be planted without separating, laying them flat instead of upright. **Mixed.** Pkt. 15c., 1/8 oz. 25c.

**Suworowi (Russian).** Bright rose spikes. 30 in. Pkt. 15c., 1/16 oz. 35c.

**Tatarica (Incana).** Small white flowers, 1 1/2 ft. Pkt. 15c., 1/16 oz. 25c.

## STOCKS

**Early Giant Imperial.** Plants about 2 1/2 ft. and having numerous spikes of very large, double, delightfully fragrant flowers. If sown in February or March, will produce plants that will bloom out-of-doors from Midsummer till frost. **Finest Mixed.** Pkt. 15c., 1/8 oz. 75c.

**Ten-Week Stocks.** Plants 18 in. high with fine spikes covered with lovely colored flowers. Pkt. 15c., 1/8 oz. 75c.

## STRAWFLOWER, or EVERLASTING FLOWER

Much prized for durable bouquets and Winter decoration. To dry, gather flowers when partly unfolded and hang, heads down, in a cool place.

**Giant-flowering, Mixed.** Pkt. 15c., 1/4 oz. 25c.

## SUNFLOWER

(Helianthus)

**Dwarf Red.** Rich chestnut-red tipped yellow. 4 ft. Pkt. 15c., 1/2 oz. 25c.

**Stella.** Large golden yellow petals, small dark center. 4 ft. Pkt. 15c., 1/2 oz. 25c.

## VERBENA

An excellent annual for beds and massing and for a gorgeous display during the Summer months it cannot be excelled.

**Crimson Glow (New).** The flowers are pure, self-colored glowing crimson, of good size, freely produced on plants which are semi-compact. **Crimson Glow** is a vivid Verbena and rounds out the color shades of the Verbenas. Pkt. 15c., 1/16 oz. 25c.

**Mammoth Mixed.** Pkt. 15c., 1/8 oz. 25c.  
**Dwarf Mixed.** Pkt. 15c., 1/16 oz. 25c.

## VENIDIUM

(New African Daisy)

**Fastuosum Hybrids.** Beautiful assortment of pastel shades—buff, lemon, cream, light orange, white and butter-yellow; each petal blotched at the base. Pkt. 15c., 1/16 oz. 50c.

## ANNUAL CUT FLOWER SEEDS for WILD GARDENS

**A Surprise Collection, Containing Practically Every Annual in Existence**

Large borders, along carriage drives and woodland walks, shrubbery borders, and the like, may be pleasingly brightened as a result of freely sowing mixed flower seeds. The expense involved is nominal in comparison with the wealth of bloom obtained. And at blooming time, some of the cheery flowers may be cut and transferred indoors, without noticeably lessening the charm of the outdoor plantings. Be careful not to sow the seeds too close together, as suitable space for plant development will contribute to the effectiveness of your planting.  
Pkt. 15c., oz. 30c., 1/4 lb. \$1.00, lb. \$3.00

# ZINNIAS

## California Giant

The plants reach a height of 2 1/2 feet. Flowers are very large and well formed, with a smooth-topped, graceful appearance, the petals lying flat upon each other. Blooming in about 60 days from planting time.

Pkt. 15c., 3 pkts. 35c., 1/4 oz. 85c.

**Enchantress.** Light rose, deep rose center.

**Golden Queen.** Golden yellow.

**Lavender Queen.** Deep rosy lavender.

**Purity.** Snow white.

**Scarlet Queen.** Deep glowing scarlet.

**Salmon Queen.** Deep salmon rose.

## Double Dahlia-Flowered

The plants are of strong, vigorous habit, fully 3 feet high, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth. The range of colors includes many unusual tones, as the result of continued careful selection.

Pkt. 15c., 1/8 oz. 25c., 1/4 oz. 50c.

This type, in Zinnias, bears flowers of mammoth size and in form like a perfect decorative Dahlia.

**Canary Bird.** Fine; large; primrose.

**Crimson Monarch.** Largest and best red.

**Exquisite.** Pale rose, deeper center.

**Meteor.** Deep rich glowing red.

**Oriole.** Immense; orange and gold.

**Polar Bear.** The best large pure white.

**Purple Prince.** Fine deep purple.

**Dahlia-flowered Mixed.** From the varieties named above.

## Fantasy

**Fantasy (New).** A bright colorful mixture of shaggy petaled medium sized double flowers. Pkt. 15c., 1/16 oz. 25c.

**Fantasy Star Dust (New).** The shaggy ray-like petals are entirely different. A delicate, graceful bloom of imposing appearance of a rich golden yellow. The plants are 2 1/2 ft. and early blooming. Pkt. 15c., 1/16 oz. 25c.

**Fantasy Wildfire (New).** Rich, dazzling scarlet. Pkt. 15c., 1/16 oz. 25c.

**Finest Mixed.** The informal, shaggy flowers are very graceful and interesting, and entirely distinct from the more usual formal types. The colors include brightest shades of reds, yellow and orange, as well as the popular pastel pinks and cream. Pkt. 15c., 1/16 oz. 25c.

**Scabious-flowered (New).** Plants 2 1/2 ft., bearing numerous, medium sized flowers. Resembles annual Scabiosa. **Mixed Colors.** Pkt. 15c., 1/16 oz. 25c.

## Crown O'Gold

**Desert Gold (New).** A bicolor Zinnia comprising the deep and lighter shades of gold, each petal overlaid at the base with a deeper golden yellow. The flowers are large, double, well formed on generous stems. Plant 3 ft. tall. Pkt. 15c., 1/16 oz. 25c.

## Peppermint Stick

A new pumila-type of unusual color combinations. The wide range of brilliant color mixtures and long-blooming habit make it a garden favorite. Pkt. 25c.

## Early Wonder

**Gypsy (New).** A dwarf early bloomer, 30 to 40 days, free blooming, deep rich burnished orange, medium sized flowers on long, wiry stem; a good cut flower. Desirable variety. Pkt. 15c., 1/16 oz. 25c.

## Double Lilliput or Pompon

A very pretty type of compact habit not over 15 inches high, bearing in lavish profusion, small, densely double flowers on long stems, held well above the foliage. Makes a good line or bed and are of more than usual value for cutting.

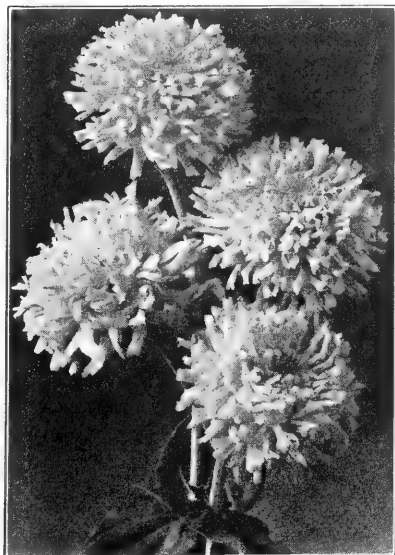
**Finest Mixed.** Pkt. 15c., 1/16 oz. 25c.

## Gaillardia-Flowered

**Navajo Mixed.** Another new Zinnia type with coloring that remind one of the Double Gaillardias; it is a cross between the Haageana and Elegans type. The flowers are very attractive, of medium size about 2 in. in diameter on good stems. The plants are about 2 ft. tall and very free flowering. The colors range through the mellow tones of rose, pink, bronze, yellow, orange, lavender and combinations of these colors. Pkt. 15c., 1/16 oz. 25c.

## Linearis

**Linearis.** Is a dwarf, early flowering form somewhat comparable to Zinnia haageana. The single flowers are deep golden orange in color, with a delicate, light yellow stripe which contrasts boldly with the dark center—a combination which is most attractive. It is early flowering and the plant reaches a height of 8 or 10 in. with a spread of as much as 2 ft. Pkt. 15c., 1/16 oz. 25c.



Zinnia, Fantasy

**WE CARRY A FULL LINE OF BULBS FOR FALL PLANTING. PRICES WILL BE AVAILABLE OCTOBER 1st**

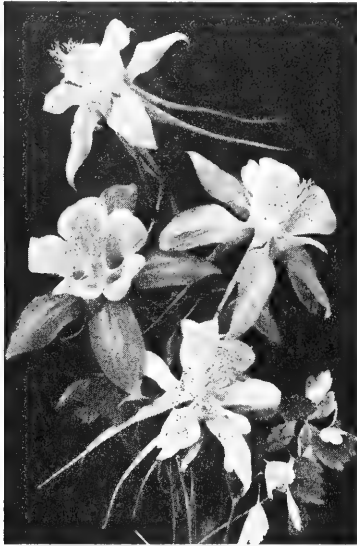
# Seeds of Hardy Perennial Flowers and Rock Garden Plants

*Cultural Directions for Sowing Perennial and Biennial Flower Seeds*

Perennial seed may be sown outdoors from May until September. A good, finely sifted soil should be used, to which add some sand and granulated peat moss. It is absolutely necessary that a shaded location be selected, or if sown in a coldframe, lath coverings or sash covered with burlap should be used. The soil must be kept moist at all times, therefore we deem it advisable to sow in this manner. If the soil should become dry for only a short period, the seed would be destroyed.

A common mistake in sowing flower seeds is covering too deeply; as a general rule cover only to a depth of the thickness of the seeds.

Some seeds are of much slower germination than others, therefore it is wise not to be impatient. For instance, Hardy Primulas will often lie dormant in the ground for six months to a year; Columbines and other varieties of a like nature, two to three months. As soon as the plants are large enough to handle, they should be transplanted to the permanent location in the perennial border or nursery rows.



*Aquilegia, Mrs. Scott Elliott*

## AGROSTEMMA. H.P.

(*Rose Campion*)

**Coronaria.** Dark blood red. 2 ft. Pkt. 15c., ¼ oz. 25c.

## ALYSSUM

**Saxatile compactum.** H.P. Spring-blooming Alyssum with yellow flowers. 12 in. Pkt. 15c., ¼ oz. 25c.

## ANCHUSA. H.A. and H.P.

(*Alkanet, Sea Bugloss*)

**Capensis, Blue Bird** (*Cape Forget-Me-Not*). H.A. A fine, free growing annual variety about 15 in. high with sprays of lovely, Forget-Me-Not-like flowers of a vivid indigo blue. Plants are compact and of even habit. Very showy. Pkt. 15c., ¼ oz. 25c.

## ARABIS

(*Rock Cress*)

Early Spring-flowering plants especially adapted for edging and rockery. Pure white blossoms in May. 6 inches. Pkt. 15c., ¼ oz. 25c.

## ARMERIA. H.P.

**Formosa** (*Sea Pink*). 2 ft. Deep pink. Pkt. 15c., 1/16 oz. 35c.

## AQUILEGIA. H.P.

(*Columbine*)

The most graceful and delicate of the more easily grown hardy flowers. The beautiful foliage reminds one of the Maidenhair Fern. Flowers abundantly in the early Summer.

**Mrs. Scott Elliott's Long-spurred Hybrids.** A complete range of colors in flowers of grand size and long spurs. Pkt. 15c., ¼ oz. 75c.

## AUBRIETA. H.P.

(*Rainbow Rock Cress*)

**Mixed.** Pkt. 15c., 1/16 oz. 50c.

## BELLIS

See **DAISY, English**

## CANTERBURY BELLS. H.P.

**Campanula calycanthema.** The true Cup-and-Saucer Canterbury Bells. **Mixed.** Pkt. 15c., ¼ oz. 50c.

**Campanula medium** (*Single Canterbury Bells*). **Mixed.** The old-fashioned sorts, with beautiful, large, bell-shaped blossoms. Height 2 ft. Pkt. 15c., ¼ oz. 50c.

**Campanula medium** (*Double Canterbury Bell*). Lovely double bells on tall stems. Height 2 ft. Colors are mixed. Pkt. 15c., ¼ oz. 50c.

## CANDYTUFT

**Gibraltarica.** H.P. Beautiful bluish-white 12 in. Pkt. 15c., ¼ oz. 25c.

## CERASTIUM. H.P.

**Tomentosum** (*Snow-in-Summer*). A dwarf, white-leaved edging plant with small white flowers. Good rock plant. 6 in. Pkt. 15c., 1/16 oz. 20c.

## CHEIRANTHUS. H.H.P.

**Allioni** (*Siberian Wallflower*). Excellent for rockery or border; brilliant orange flowers. 12 in. Very fragrant. Pkt. 15c., ¼ oz. 25c.

## CHINESE LANTERN PLANT. H.P.

(*Physalis Francheti*)

These fruits may be cut and dried for Winter bouquets. Pkt. 15c., ¼ oz. 40c., ½ oz. 70c.

## COREOPSIS

**Lanceolata grandiflora.** A hardy perennial bearing a profuse and long-continued succession of large, bold, golden yellow flowers during the whole Summer. Seed sown in March will flower the same season. 2½ ft. Pkt. 15c., ¼ oz. 25c.

**Double Sunburst.** Large, golden yellow. Fine cut flower. Pkt. 15c.

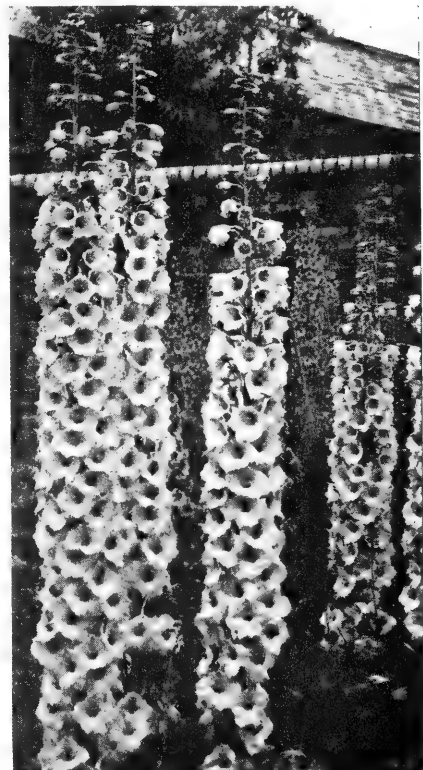
**Mayfield Giant.** Large, deep golden yellow. Pkt. 15c., ¼ oz. 50c.

## DELPHINIUM H.P. (*Hardy Larkspur*)

One of our most showy and useful hardy Perennial plants, possessing almost every requisite for the adornment of the garden, producing splendid spikes of flowers in profusion throughout the Summer.

**Belladonna.** This is one of the most free and continuous blooming varieties. Immense spikes of lovely pale blue. Height 4 ft. Pkt. 15c., ¼ oz. 50c.

**Bellamosa.** A very dark blue variety of particular value for deliberate dark blue mass effect and a striking contrast in connection with the azure shade of Belladonna. Pkt. 15c., ¼ oz. 50c.



*Delphinium, Pacific Giants*

**DELPHINIUM—Continued**

**Blackmore & Langdon's Gold Medal Strain.** Famous English Delphiniums, plants vigorous, free blooming, flower spikes 3 ft. long, florets 1½ to 2 in. across, assorted delicate colors. Undoubtedly the best commercial strain. Pkt. 20c., 1/16 oz. 75c.

**Gold Medal Hybrids.** Plants vigorous, free-blooming, with flower spikes 2 ft. long. Grand assortment of colors in mixture, ranging from lightest blue to purple. Pkt. 15c., 1/16 oz. 75c.

**Pacific Giants.** Remarkable new strain developed by Vetterle and Reinelt on the Pacific Coast. Flowers extremely large and well formed, 2½ in. to 3½ in. in diameter, symmetrically spaced on well balanced spikes of thin, woody stems, practically 100 per cent double. This strain is comparatively mildew resistant. Seed we have to offer includes shades produced by the originator and a mixture of our own growing produced from the originator's stock seed. Pkt. 15c., 1/16 oz. \$1.25.

**Wrexham (Hollyhock Strain).** Sturdy plants producing conical spikes of flowers 2 in. or more across, and 2½ to 3 ft. long. Colors range from clear light blues and lavenders to shades of deep blue, purple, and mauve. Pkt. 25c., ¼ oz. \$2.00.

**DAISY**

**English, Double (Bellis Perennis).** Seed should be sown from June 1 until September, transplanted in the Fall, and they will flower the following Spring. If sown in the Spring, they will flower in the Autumn. 4 in. White, Pink, Crimson and Mixed. Pkt. 15c., 1/16 oz. 75c.

**DIGITALIS**

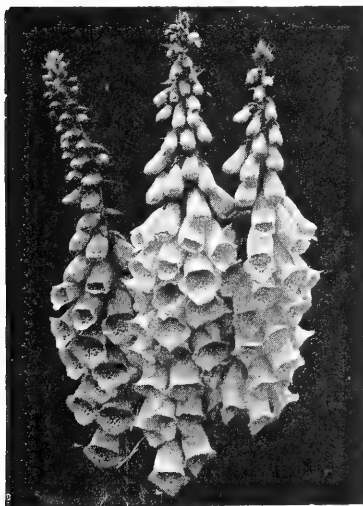
(Foxglove)

Handsome ornamental hardy plants of stately growth, succeeding almost anywhere. Produces long spikes of beautiful, tubular-shaped flowers. 4 to 5 ft.

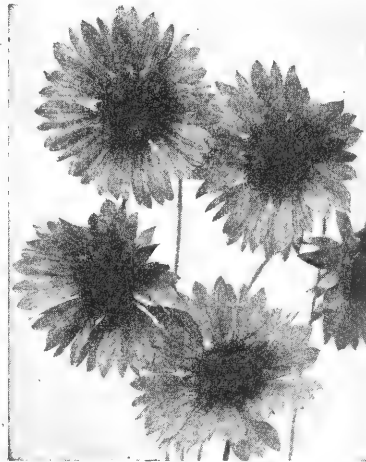
**Purple, Pink, Salmon, Spotted, Yellow and All Colors Mixed.** Each, pkt. 15c., 1/16 oz. 45c.

**GEUM. H.P.**

**Mrs. Bradshaw.** Two feet tall and bearing double orange-scarlet flowers during Summer. Pkt. 15c., ⅛ oz. 75c.



Digitalis



Gaillardia, Indian Chief

**GAILLARDIA**

(Blanket Flower)

The heads of star-shaped tufted flowers are greatly admired for their rich blending of red, yellow, orange. Height ½ foot.

**Burgundy.** New coppery scarlet. H.P. Pkt. 15c., ⅛ oz. 35c.

**Grandiflora Mixed.** Pkt. 15c., ⅛ oz. 25c.

**Indian Chief.** An elegant, showy single-flowering annual variety with metallic red petals, surrounding a mahogany brown center. Pkt. 15c., ⅛ oz. 45c.

**The Dazzler.** H.P. Pkt. 15c., ⅛ oz. 30c.

**GYPSOPHILA. H.P.**

(Baby's Breath)

Early flowering Perennials, bearing graceful panicles of small flowers that are elegant for cutting and for bunching with other flowers.

**Paniculata.** H.P. White single flowers, fine for bouquets; hardy perennials. Blooms first year if sown early. Pkt. 15c., ⅛ oz. 30c.

**Paniculata fl. pl., Double.** H.P. Small, double white bloom. Invaluable for cutting. 3 ft. Pkt. 20c., 1/16 oz. 50c.

**HELIANTHEMUM. H.P.**

(Sun Rose)

**Mutabile.** An excellent, dwarf, creeping perennial for dry soils. Pkt. 15c., 1/16 oz. 20c.

**HEUCHERA**

(Coral Bells)

**Sanguinea.** The flowers are of a rich, bright coral-red color. 30 in. high. Pkt. 25c., 1/32 oz. \$2.50.

**HIBISCUS. H.P.**

(Mallow)

**Mixed.** Showy shrub-like plants bearing profusely white, pink and red flowers. 5 to 6 ft. Pkt. 15c., ⅛ oz. 25c.

**HOLLYHOCK. H.P.**

**Chater's Superb Double Mixed.** Height 6 to 7 ft. Pkt. 10c., ⅛ oz. 25c.

**Single Mixed.** Probably the most showy of the many good old-fashioned flowers. Pkt. 15c., ⅛ oz. 25c.

**HONESTY. H.B.**

(Lunaria, Moonwort, Satin Flower)

**Biennis.** Admired for their silvery seed-pouches. Height 3 ft. Pkt. 15c., ⅛ oz. 25c.

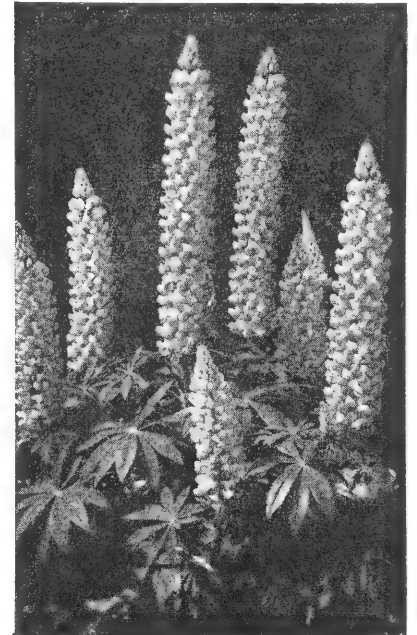
**LOBELIA. H.P.**

**Crystal Palace.** 4 in. Deepest blue annual. Highly desirable for edgings, ribbon, bedding and garden decoration. Pkt. 15c., ¼ oz. 75c.

**LINUM, or FLAX. H.P.**

**Grandiflorum rubrum.** Fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 15 in. Pkt. 15c., ¼ oz. 35c.

**Sibiricum.** Large, beautiful, blue flowers, blooms continuously for many weeks. The plants grow from 15 to 24 in. tall. Pkt. 15c.



Lupinus, Russell Hybrids

**LUPINUS**

(Lupine)

Lupines are showy plants, a little out of the ordinary with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the Sweet Pea. Do not attempt to transplant the annual sorts.

**Hartwegi, H.A., Finest Mixed.** Choice assortment of colors. Height 2 ft. Pkt. 15c., ¼ oz. 25c.

**Polyphyllus, H.P., Finest Mixed.** Various shades of Pink, Purple, Blue, and White. If sown early will bloom the first season. Height 3 ft. Pkt. 15c., ¼ oz. 25c.

**Russell Hybrids.** Pkt. 15c. and 25c.

**PENTSTEMON. H.P.**

(Beard Tongue)

**Gloxinioides.** Very showy plants growing from 2 to 4 ft. high, rather bushy, with very long, slender spikes bearing many trumpet-shaped flowers with hairy throats, hence the name "Beard Tongue." Pkt. 15c., 1/16 oz. 75c.

**PHYSOSTEGIA**

(False Dragonhead)

Rosy lilac flowers resembling little Snapdragons. 3 to 4 ft. Pkt. 15c., ⅛ oz. 75c.

**PLATYCODON. H.P.**

(Balloon Flower)

**Mixed.** Blue and white. Pkt. 15c., ⅛ oz. 50c.



Pyrethrum, Mixed

**PANSIES.** H.P.

Strictly considered, this is a Biennial, but the fact that it flowers the first season from seed recommends it as an Annual. There are actually three seasons in which Pansies can be planted. If started in the house from February until April, Pansies will begin to bloom from July on; sown outdoors in May, beautiful flowers are produced in the Fall; sown in frames during July and August and transplanting later gives us the main crop of flowers the following Spring. Pansies thrive best in moist, semi-shaded situations in open exposure.

**Giant Perfection Mixed.** This mixture is composed of giant-flowering sorts having many of the colors and different patterns found in the named varieties both as regards to size, texture and colorings. Pkt. 25c., 1/16 oz. \$1.00.

**Super Swiss Giants Mixed.** An improvement on the original strain with enormous flowers of fine texture and form, coming in a remarkable fine color range and especially well marked, many being beautifully ruffled and curled. Long-stemmed and sturdy plants are also characteristic of this particular strain. Pkt. 25c., 1/16 oz. \$1.00.

**Trimardeau or Giant Mixed.** A Giant flowering variety with an improved color range. Artistic effects can be achieved by planting this superb mixture. Pkt. 20c., 1/16 oz. 75c., 1/8 oz. \$1.40.

**PERENNIAL POPPY.** H.P.

**Mrs. Perry.** Orange-apricot, and a very fine variety, the best of all the "Pink Poppies." Pkt. 25c., 1/16 oz. \$1.00.

**Orientele, Scarlet.** The big, bright scarlet, Decoration Day Poppy. A hardy perennial form bearing immense single flowers in Spring. Pkt. 15c., 1/16 oz. 50c.

**Perry's White.** The flowers are a fine satiny white with a crimson-maroon blotch at the base of each petal. Pkt. 25c., 1/16 oz. 75c.

**Pilolum.** Apricot, orange. Pkt. 15c., 1/16 oz. \$1.00.

**Princess Victoria Louise.** Salmon pink. Pkt. 15c., 1/16 oz. \$1.00.

**Choicest Mixed.** Fiery red, scarlet, orange-scarlet, salmon and others. A charming mixture. Pkt. 15c., 1/16 oz. 75c.

**PYRETHRUM.** H.P.

(Painted Daisy)

**Pyrethrum, Single and Double Mixed.** Pkt. 15c., 1/16 oz. 50c.

**Roseum Hybrids, Single and Double Mixed.** Showy plants that bloom the first season if seed is sown early. Flowers double globular. 2 to 3 in. across, white, rose, crimson and scarlet. Foliage is fine cut. Height 2 ft. Pkt. 15c., 1/16 oz. \$1.00.

**SAPONARIA.** H.P.

**Ocymoides Splendens.** 6 in. A showy dwarf trailing plant, producing a sheet of vivid crimson flowers June-August. Pkt. 15c.

**SAXIFRAGA.** H.P.

**Perennial Species, Mixed.** Pkt. 25c.  
**Scabiosa caucasica (Blue Bonnet).** H.P. Giant Hybrids (Isaac House strain). fringed and ruffled, shades of blue from lavender to dark blue, very large flowers. Pkt. 15c., 1/16 oz. 50c.



Poppy Orientale, Mrs. Perry

**SHASTA DAISY.** H.P.

**Alaska.** A very large-flowering strain, the blooms measuring 4 to 5 in. across, with broad, overlapping petals of purest white. One packet sows 12 ft. of row. Pkt. 15c., 1/8 oz. 30c.

**Double.** Fringed petals on long, wiry stem. Pkt. 25c., 1/16 oz. \$1.00.

**SIBERIAN WALLFLOWER.** H.P.

Very pretty dwarf hardy biennial plants, usually handled as annuals, flowering freely throughout the Summer. For early Spring flowering, sow in late Summer. Splendid for rockery. Plants grow about 1 foot high, with brilliant orange flowers. Pkt. 15c., 1/16 oz. 50c.

**SWEET WILLIAM.** H.P.

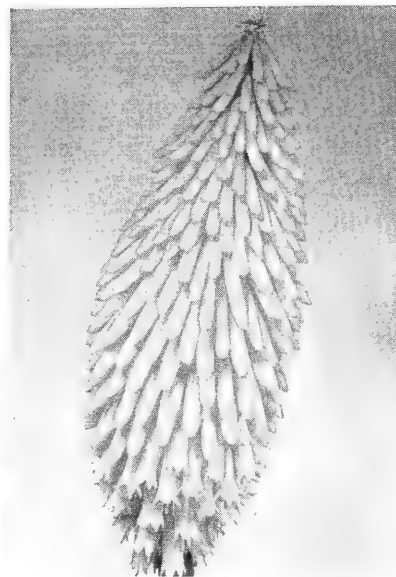
(Dianthus Barbatus)

Wonderful border plants, with heads of bloom of great size and beauty. Our mixture combines many rich and beautiful colors.

**Single.** The fine, rounded trusses 3 to 4 in. across of these sorts are composed of many fine, disc-like flowers gayly colored and marked. **Mixed.** Pkt. 15c., 1/8 oz. 50c.

**Double.** Quite similar in habit and form to the single type but the trusses are made up of many dainty, double blossoms. Less showy than the single sorts but longer in flower. **Mixed.** Pkt. 15c., 1/8 oz. 75c.

**Newport Pink.** Pkt. 15c., 1/8 oz. 75c.  
**Scarlet Beauty.** Pkt. 15c., 1/8 oz. 75c.



Tritoma, New Hybrid

**TRITOMA.** H.P.

(Red Hot Poker)

Tall spikes topped by narrow, tubular, pale yellow to orange-red flowers closely arranged in shingle-like fashion.

**New Hybrids.** Unusual colors—citron, yellow, orange, coral-red, etc. Pkt. 15c., 1/8 oz. 75c.

**TUNICA.** H.P.

**Saxifraga.** A pretty tufted plant with light pink flowers, produced all Summer. Useful either for the rockery or the border. Pkt. 15c., 1/8 oz. \$1.00.

**VALERIAN.** H.P.

(Garden Heliotrope)

Perennial border plants; large flowers having a fragrance resembling that of the Heliotrope. **Mixed.** Height 2 to 3 ft. Pkt. 15c., 1/8 oz. 50c.

**VIOLAS.** H.P.

(Tufted Pansies)

**Cornuta Mixed.** A splendid mixture of the best varieties. Pkt. 15c., 1/16 oz. 45c., 1/8 oz. 75c.



Viola, New Mixture

# Cuthbertson Spencer Orchid-Flowered SWEET PEAS

## Summer Flowering Spencer Mixture Sweet Peas

Blended from only the Giant Waved Cuthbertson varieties. We are sure this mixture will give absolute satisfaction.

**Superb Cuthbertson, Mixed.** Blended from only choice selected colors of the better varieties. Oz. 30c., 2 ozs. 55c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

## Early Flowering Spencer Mixture Sweet Peas

This new class of early-flowering Spencer Sweet Peas is very popular with florists for greenhouse culture.

The flowers are of fine size on long stems. Grown in the open ground, they begin flowering fully four weeks sooner than the Summer-flowering Sweet Peas sown at same time.

It is impossible to make a better blend of colors than this even at much higher prices. In quality unsurpassed and very popular with our customers. Oz. 45c., 2 ozs. 75c.,  $\frac{1}{4}$  lb. \$1.50

## Sweet Peas Cuthbertson Type

Vigorous, long-stemmed, midseason flowering. Flowers are large, long-stemmed and free blooming.

**Pkt. 15c., oz. 50c.**

- Colin.** Scarlet.
- Evelyn.** Salmon cream pink.
- Frank G.** Lavender.
- Janet.** White.
- Lois.** Rose pink.
- Tommy.** Clear marine blue.

**Inoculate Sweet Pea Seed with Nod-o-gen. It insures germination and a Stronger Growth.**

## SWEET PEAS

Are not injured by light frosts and may be planted as early in Spring as the condition of the soil will permit.

## HARDY SWEET PEAS

Showy, free-flowering perennial. Blooms continuously from early Spring until Mid-summer. Although lacking fragrance, they are very valuable because they will last almost indefinitely. A very vigorous grower, often growing 8 to 10 feet. Soak seed overnight, sow  $\frac{1}{2}$  in. deep. Pkt. 15c.,  $\frac{1}{4}$  oz. 25c.

# GLADIOLUS

## The Glad Flower in All Its Glory

### OUTSTANDING VARIETIES

**\$1.00 Doz.**

- Sunlight.** Blend of yellow and orange, slightly ruffled.
- Sparks.** Light yellow with red throat blotch.
- October Sunshine.** Orange yellow blend resembling Fall colors.
- Red Cherry.** Bright cherry red, slightly ruffled, very early.
- Benjamin Britten.** Mauve-lavender, slightly ruffled, very early.
- Gelbar Herald.** Very early light ruffled yellow.
- Ethel Cave Cole.** Baby pink. Very lovely.
- Glow.** Soft shade of orange, early.
- Burma.** Heavily ruffled, dark rose, almost red.
- Voodoo.** Early plum and cream smoky, fluted edge needle pointed florets.

### POPULAR FAVORITES FOR 1954

**\$1.25 Doz.**

- Florence Nightingale.** Lovely creamy white, lightly ruffled.
- Bridal Orchid.** Huge pastel lavender, very nice.
- Silver Gull.** Light silvery blue.
- Joe Wagoner.** Medium dark red with white pencil line on two lower petals.
- Atlantic.** Light reddish orange.
- Evangeline.** Huge ruffled light pink.
- Spic and Span.** Deep rose pink, ruffled, best outflower on the market.
- Wedgewood.** Lovely dainty ruffled lavender with cream throat.

- Pactolas.** A nice novelty buff with bright red throat blotch.
- Sunspot.** Creamy buff with rose throat markings.
- Smyrna.** A novelty variety that is really different, creamy background with plum and yellow markings resembling stippling effect.
- Ambra.** Clear ruffled yellow.
- Straussenfelder.** Lovely pale pink with Lacinated edges.
- Polynesia.** A clear deep salmon pink.
- Red Rascal.** A bright ruffled red.

### WINTER STORAGE

After bulbs are cleaned and bases still wet, dust with 5% DDT or 5% Spergon and 5% DDT Mixture, using a hand duster or paper bag. Store in trays or in open paper bags in a room free from danger of freezing. The temperature of the average basement is satisfactory, but a temperature of about 40 degrees is ideal.

### DUSTING FOR THRIPS

The easiest and most efficient means of controlling THRIPS is to dust the foliage of the plant with 5% DDT. Begin dusting when plants are in third leaf and continue about every ten days to two weeks until the spikes start to show color. Best results will be obtained when the dust is applied to plants while the dew is still on them.

### SPRAYING FOR THRIPS

- 1 rounded teaspoon of 50% DDT
- $\frac{1}{4}$  teaspoon of Drest
- 1 gallon of water



# Choice Roses for the Home Garden, Trellis or Border

## HYBRID TEA ROSES

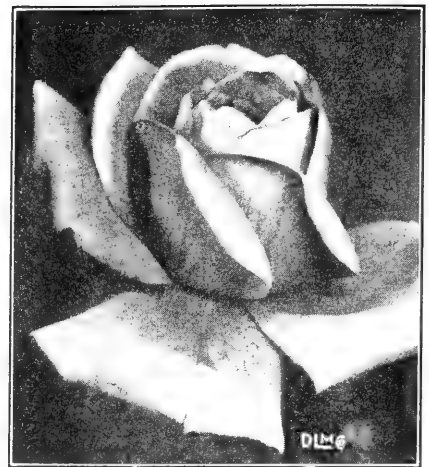
This class of Rose is most satisfactory, since they continue to flower throughout the season from early Summer until frost. They are hardy but it is advisable to give Winter protection, especially when planted in exposed places.

### Outstanding Hybrid Tea Roses

- Ellinor Le Grice** (Pat. No. 917.) Large, bright golden-yellow. Delicate spicy fragrance. Long stems, ideal for cutting. \$2.00 each.
- Golden Scepter** (Pat. No. 910.) Very prolific. Brilliant yellow buds open into large exquisite blooms early in June. \$2.00 each.
- White Swan** (Pat. No. 1115.) Pure white roses on tall, straight stems. Very fragrant. \$2.25 each.
- Rex Anderson.** Delicate, lovely ivory white of great loveliness; slow opening. \$2.00 each.
- Peace.** The oval buds are Golden Yellow etched with pink, as they open they change from canary yellow to pale gold. \$2.50 each.
- Katherine T. Marshall.** Grow vigorously; warm, glowing pink. \$2.60 each.
- Eclipse.** Best of the yellow Roses, tapering buds. Best all-purpose yellow. \$1.75 each.
- San Fernando.** A perfect-shaped, streamlined bud of brilliant red plus heavy perfume. \$2.00 each.



Climbing Rose, Dr. Van Fleet



Hybrid Tea Rose, Golden Scepter

### STANDARD VARIETIES Hybrid Tea Roses

Each \$1.25, per doz. \$11.00

- Briarcliff.** Lovely shade of soft-pink. Beautiful in bud and in full flower.
- E. G. Hill.** One of the most valuable. A dazzling scarlet shading to deeper pure red as it develops. Free-bloomer and disease-resistant.
- Etoile de Hollande.** Brilliant red blooms of large size; very fragrant. One of the most popular red Roses.
- Roslyn.** Long pointed buds of deep orange. Full blooms of golden yellow.
- Talisman.** The sensationally popular Rose. The gold and red petals are especially beautiful in bud form. Everyone admires this variety.

### Outstanding Climbing Roses Each

- Aloha.** Pink.....\$2.75
- Pauls Scarlet.** Red..... 1.25
- Dr. Van Fleet.** Pink..... 1.25
- Primrose.** Yellow..... 1.25

**We sell only choice No. 1 FIELD-GROWN ROSES**

## Floribunda Type Roses

Floribunda Type Roses, silver wrapped. \$2.25 each

- Holiday**
- Betty Prior**
- Pink Bountiful**
- Donald Prior**
- Independence**
- Fashion**
- Masquerade**

### TEROGEN

The use of **Terogen** is especially recommended for the Fall treatment of Roses that have been weakened by mildew, black spot and other fungus diseases, or that have been infested with insects.

- 1 lb.....\$0.75
- 2 lbs..... 1.25
- 5 lbs..... 2.75
- 10 lbs..... 4.75



Floribunda Roses



# SUMMER FLOWERING BULBS



Amaryllis

## AMARYLLIS

**Giant American Hybrids.** Easily grown, showy pot-plants with Lily-like flowers of immense size. Colors range from the richest self-colors, as crimson, scarlet, and bright red, to rose, red and crimson markings on pure white grounds. We cannot supply separate colors; we offer a mixture only. Amaryllis is not hardy. Each 55c., 3 for \$1.50, 12 for \$5.75.

## GLOXINIAS

Beautiful pot-plants for summer and Winter blooming, the large, open, inverted, bell-shaped flowers being borne profusely above the rich green, velvety foliage.

**Mixed Colors, Large Bulbs.** Each 40c., per doz., \$4.50.

## CALLAS

### Popular Pot Plants

Easily raised plants for growing in pots or outdoors during the Summer. They should have rich soil for best results. Have always been popular for pot culture. Not hardy.

**Golden Yellow (Elliottiana).** Showy, ornamental plants with beautiful, golden yellow blooms in lovely contrast to the green leaves, which are nicely spotted white. Each 45c., 3 for \$1.20, 12 for \$4.00.

**White (Ethiopica).** Large, trumpet-shaped white flowers and arrow-shaped green foliage. Well known. Each 45c., 3 for \$1.20, 12 for \$4.00.

## Tuberous Rooted BEGONIAS

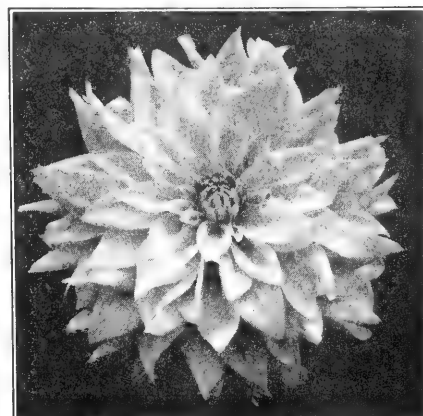
### Double Flowering Begonias

Most decorative as pot plants, blooming for many weeks during Spring and early Summer. During the Summer, plants may be taken from their pots and set in the garden or the pots may be buried up to their rims. In either case choose a semi-shady location and enjoy a continuous display of flowers until late Fall. Not hardy.

**Mixed Colors.** The above and others in mixture for a grand display in the house or outdoors. We offer bulbs in two sizes: **Large Bulbs** for the biggest flowers. Each 30c., per doz. \$3.25.

### Frilled, Crested Begonias

**Mixed Colors.** Gorgeous blooms, some with frilled and ruffled petals, like lower flower; others have a distinct, cushion-like or crested center as in top flower. A wide range of colors—pink, rose, salmon, orange, crimson, yellow and white. The attractive shapes of the flowers never fail to attract attention in garden or pots. Each 35c., 3 for 95c., 12 for \$3.50, 25 for \$6.25.



Decorative Dahlia

## DAHLIAS

### Decorative Types

- |  |        |
|--|--------|
|  | Roots  |
| <b>Blue River.</b> Lavender-mauve.....       | \$0.75 |
| <b>California Idol.</b> Lemon-yellow.....    | .75    |
| <b>Lady in Red.</b> Bright velvety red.....  | .75    |
| <b>Michigan White.</b> Glistening white....  | .75    |
| <b>Pink Josephine.</b> Lavender-pink.....    | 1.00   |
| <b>Jane Cowl.</b> Bronzy buff.....           | .50    |
| <b>Jersey's Beauty.</b> Glowing pink.....    | .40    |
| <b>Jersey White Beauty.</b> Pure white....   | .50    |
| <b>Mrs. Geo. LeBoutellier.</b> Carmine-red.. | .50    |
| <b>Mrs. James Albin.</b> Lemon-yellow....    | .50    |

Six varieties to package.. \$1.75

### Miniature Dahlias

- |   |        |
|---|--------|
| <b>Andries Orange.</b> Bright orange..... | \$0.50 |
| <b>Blue Bell.</b> Bluish violet.....      | .50    |
| <b>Little Fireball.</b> Fiery red.....    | .35    |
| <b>New Roseata.</b> Deep rose-pink.....   | .50    |
| <b>Roxana.</b> Royal purple.....          | .50    |
| <b>White Fawn.</b> Pure white.....        | .35    |

Six varieties to package.. \$1.50

### Pompon Dahlias

- |  |        |
|--|--------|
| <b>Betty Ann.</b> Soft clear pink.....       | \$0.35 |
| <b>Edith Mueller.</b> Apricot-peach.....     | .35    |
| <b>Little Herman.</b> Red and white.....     | .35    |
| <b>Morning Mist.</b> White tipped lavender.. | .35    |
| <b>Rita M.</b> Bright red.....               | .35    |
| <b>Sherry.</b> Deep purple.....              | .35    |

Six varieties to package.. \$1.50

## TUBEROSE

**Excelsior, Dwarf Pearl.** Double, fragrant, wax-like flowers closely set on upright, sturdy spikes, 2 to 3 ft. tall. Nice in the garden; highly prized for cutting. Not hardy. 3 for 35c., 12 for \$1.20, 100 for \$8.50.

### Superfine Canna Bulbs

**Culture**—Canna tubers should not be put into the ground until the soil has become warm. Start indoors middle of March. They commence blooming in June and continue until frost.

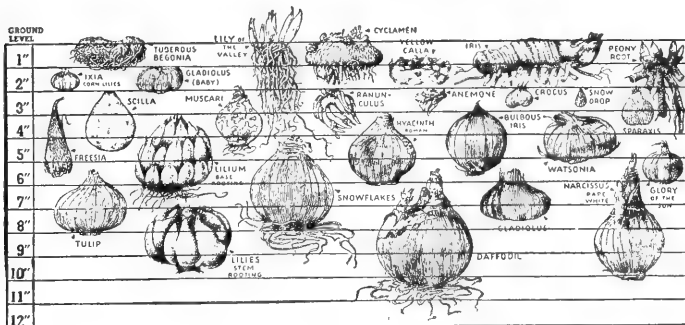
Six varieties to package. \$1.30

### VARIOUS TYPES OF LILIES

Prices on Request



Cannas



## PLANT BULBS IN THE FALL FOR SPRING BEAUTY

Take care in planting Fall Bulbs to see that they have every chance of success and play their full part in beautifying the garden. The above Bulb Planting Depth Chart will show you the depth and distance apart to plant bulbs. If the ground has been newly spaded, and is quite loose, the depth should be increased an inch or so to allow for settling, and because of the increased effect of frost heaving on newly turned soil. Also, late planted bulbs which have no opportunity to make roots before the soil freezes, may be set a little deeper to protect them from frost action.

# LIST OF HIGH QUALITY VEGETABLE SEEDS



## ASPARAGUS ROOTS

100 Roots for a Row of 150 Feet

**Mary Washington** (Green Type). 2-yr.-old. 25 for \$1.25, 50 for \$2.25, 100 for \$3.75, 1000 for \$20.00.

## ASPARAGUS SEED

One ounce will produce about 200 plants

**Mary Washington.** This is the finest of the Washington strains to be had. It produces large thick shoots of attractive appearance maturing slightly earlier than the original strain. The tips are compact and of rich purplish green color. The entire stalk from base to tip is remarkably tender. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00

**Market Gardeners and Dealers ask for prices**



Asparagus, Mary Washington

## BEETS

One ounce will sow 50 feet of drill

For early use, sow as soon as the ground can be worked in a rich, light soil, which has been well manured, in drills 1 foot apart and 2 inches deep. For main crops, sow in May, and for Winter use, in June. When the plants are well forward, thin out to about 2 inches.

**Prices of Beet seed are as follows unless otherwise noted:** pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Crosby's Egyptian.** An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort.

**Detroit Dark Red.** Color dark blood-red; medium size; very tender; good for early or late sowing.

**Early Wonder.** A popular early variety. Very uniform, nearly globe-shaped, skin dark red, flesh deep blood-red. Recommended for both early and late planting.

## BEET—MANGEL WURZEL

The following varieties are grown for feeding cattle and stock. Sow in April or May, 6 to 8 lbs. per acre, in rows 2 ft. apart, thin out to 6 inches in the row.

**Giant Half Sugar Rose Top.** Roots long oval, tapered; grayish white with rose-colored shoulder; flesh white, rich in sugar. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 35c.

**Golden Tankard.** Heavy cropper; easily harvested. Roots large, thick oval, nearly cylindrical; light gray above, deep orange below ground; flesh yellow with white zones. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c.

**Mammoth Long Red.** This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing 20 to 40 lbs. The best long red Mangel and very valuable for stock feeding. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 35c.

### Directions for Freezing Beets

Scald the Beets in boiling water. Those  $1\frac{1}{2}$  in. diameter for  $2\frac{1}{2}$  minutes, those more than 2 in. cook until tender. Cool them and remove the skins. Cook mature Beets until tender, then peel and slice them. Freeze the Beets and store them.

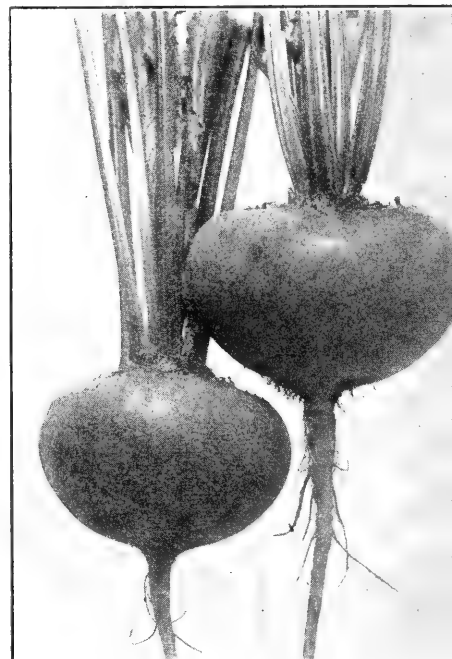
## ARTICHOKE

One ounce will produce 500 plants

Sow seeds early in Spring, and when large enough transplant into rows 4 feet apart and 2 feet apart in the rows.

**Large Green Globe.** This is a very delicious vegetable. Some prefer it cooked like Asparagus—that is, take the flower head before it begins to open and cook much the same as Asparagus. Pkt. 15c., oz. 70c.,  $\frac{1}{4}$  lb. \$2.50.

**ASK FOR VARIETIES NOT LISTED IN CATALOGUE**



Beet, Detroit Dark Red



Beans, Pencil Pod Black Wax

# BEANS Yellow-Pod Bush Varieties

Plant seed when all danger of frost is past and the soil is quite warm, in rows 18 to 30 inches apart for hand cultivation, or 2½ to 3 feet apart for field culture. Space the seed 2 to 3 inches apart in the row and cover with 1 to 2 inches of soil. Give frequent and shallow cultivation until blossoms appear. A packet will plant about 25 feet of row; 1 lb., 100 feet; 60 lbs. to an acre. You can make your Bean crop most effective if you plant seed at intervals of two weeks until about 10 weeks before the first frost. In that way you can have plants in full production constantly, providing a steady supply for both table and canning purposes. Remember, Beans have the best flavor when served or canned soon after picking.

**Prices of Wax Beans unless otherwise noted are as follows:**  
pkt. 10c., ½ lb. 35c., lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.00.

**Pencil Pod Black Wax.** (55 days.) Considered without doubt the best round pod Wax Bean both for home use and market. The pods are 6 to 7 in. long, straight, and as round as a pencil. Pods are clear yellow, very brittle, stringless and of finest quality. Matures early and the plant is vigorous and productive. Seed is black.

**Improved Golden Wax (Top Notch).** (50 days.) A flat-podded sort, having become everywhere popular because of its showy pods.

**Round Pod Kidney or "Brittle Wax."** (58 days.) Grows quickly and bears a prolific crop of attractive, round, waxy light yellow pods, 6 to 7 in. long. They are thick, fleshy, very meaty, always brittle, tender and never show even the slightest sign of any strings. Unsurpassed in quality for home use and canning. White seeds with dark markings around eye.

**Davis Stringless Wax.** (52 days.) A distinct improvement over Davis White Wax. Plant slightly taller and more vigorous, and heavily productive. Pods clear light yellow, 6-6¼ in. long, ¾-1½ in. wide, thick-oval, moderately fleshy, slightly fibrous but tender and strictly stringless. Hardier and less susceptible to fungus disease than Davis White Wax.

# BEANS GREEN POD VARIETIES

**Prices of Green Beans unless otherwise noted are as follows:**  
pkt. 10c., ½ lb. 35c., lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.00.

**TOPCROP (New).** *All America Gold Medal Winner for 1950.* Topcrop, in our opinion, is by far the finest of the new round green Beans. Developed by W. J. Zaumeyer of the USDA, it is a natural for the market gardener and has already won enthusiastic approval from large scale growers who have had samples for trial. It is very early and exceptionally vigorous and prolific. Tests indicate that it can be planted early and will ripen almost as soon as Bountiful—and nearly the whole crop is ready at one time. The straight plump beans are of good length (5½ to 6 in.), medium green, stringless and of fine quality, and the yields are often astonishing. Resistant to common bean mosaic. Topcrop has vigorous vines with a concentrated set of pods well off the ground.

**Burpee's Stringless Green-Pod.** (53 days.) The medium green, meaty, fine-quality, round, pointed pods are 6 in. long. Popular for home-gardens and canning.

**Bountiful Stringless.** (53 days.) The most popular green-podded Bean. The pods are long, flat, slightly curved and absolutely stringless. An early variety it matures in about 53 days.

**Dwarf Horticultural.** (54 days.) A grand shell Bean, and very productive; pods flat. Lb. 75c.

**Earliest Red Valentine.** (52 days.) Pods round, thick, very tender.

**Giant Stringless Green Pod.** (54 days.) The best long, rounded-podded strain, tender and prolific.

**Tendergreen.** (54 days.) A newer green podded Bean of unusual merit. The pods are long, light green in color, round and absolutely stringless. It yields a heavy crop and matures in 6 weeks.

**Broad Windsor Long Pod.** (Also known as Fava Bean and as Horse Bean; not a Kidney Bean.) Late. Valuable for green shell use. Plant very large and erect, strictly bush. Pods glossy green; 5 in. long, 1¼ in. broad, stout; 3 seeded; smooth. Green shell, beans large, broad, flat, light green. Dry seeds very large, circular flat, pale reddish-brown with black eye.

## BEANS—POLE, or RUNNING

They succeed best in sandy loam, in hills, from 3 to 4 feet apart; from 5 to 6 seeds are planted in each hill, about 2 inches deep.

**Prices of Pole Beans are as follows:** pkt. 10c., ½ lb. 35c., 1 lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.00.

**Early Golden Cluster Pole Wax.** (75 days.) The pods are from 6 to 8 in. long and are borne in clusters of from three to six. The pods are of a beautiful golden color. Can be used either shelled or as a string Bean.

**Horticultural Pole.** (70 days.) Pods 5 to 6 in. long, straight, flat, stringless and of good quality; color, dark green splashed with bright red.

**Kentucky Wonder Wax.** (68 days.) Pods waxy yellow, flat, meaty and is the most popular wax-podded variety.

**Lazy Wife.** Splendid long, thick green pods, with white Beans. A late variety.

**Old Homestead or Kentucky Wonder.** (68 days.) Very early and productive, long green pods, hanging in clusters, are stringless and tender.

## FIELD BEANS—Dwarf or Bush

### GREEN PODDED

Ask for Prices

**Large White Marrow.** Ripe in 100 days. High quality large Bean for use dry. Plant large with tendency to form runners; very vigorous and productive. Pods 5½ in. long. Dry Beans medium large, white.

**Robust Pea Bean.** An improved strain of Marrow Pea Beans which resists the Mosaic disease that is often very destructive. The beans are small, round and pure white, and of good quality.

**Red Kidney.** Large red, kidney shaped beans. Yields heavily on strong land. Considered one of the most profitable beans to raise for market.

**White Kidney.** Ripe in 100 days. High quality large bean for use dry. Plant large with tendency to form runners; hardy, heavily productive. Pods 6 to 6½ in. long. Beans long kidney shape; white.

**Yellow Eye.** Medium size white beans with yellow spot or "eye." It produces large crops and matures early and is less subject to the diseases which often attack other kinds.

# BEANS—BUSH LIMAS

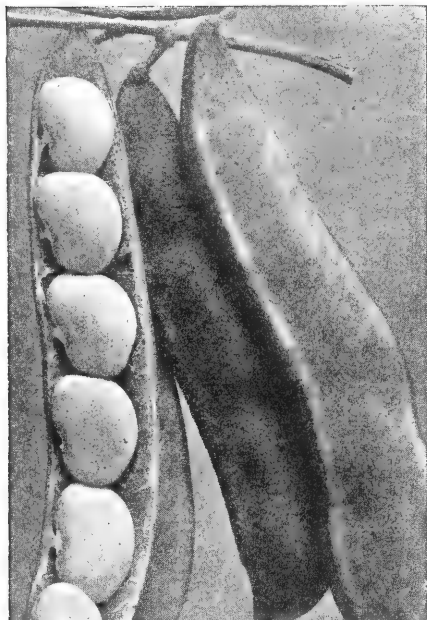
The Bush Lima is more easily grown than the tall, and is earlier and more economical of space but the Pole Limas yield better. Lima Beans require even more heat than other Beans. They should not be planted until the ground is thoroughly warmed. Bush Limas should be sown on good garden soil in  $2\frac{1}{2}$  to 3 feet rows, 3 to 6 inches apart, eye down, cover 1 inch. 1 lb. will plant 75 feet, 1 bu. to the acre (60 lbs.). Do not brush against Bean foliage when wet.

Prices on Limas unless otherwise noted, are as follows:  
Pkt. 15c.,  $\frac{1}{2}$  lb. 35c., lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.00

**Burpee's Improved Bush.** 75 days. This strain of Burpee's Bush Lima has beans of larger size and deeper green color than the old strain and the vines are more true to the bush, forms with fewer runners. The beans are both larger and thicker than the old form and the pods are also larger. Pods  $4\frac{1}{2}$  to 5 in. long,  $1\frac{1}{8}$  in. wide,  $\frac{3}{8}$  in. thick. Usually contain four large, thick beans.

**Fordhook U. S. 242 Bush Lima.** All American Bronze Medal Winner. A new, heavy yielding strain of Fordhook. The result of careful breeding work by the Department of Agriculture. Stands hot, dry weather better than Fordhook. Pods uniform and filled with three or four plump, thick beans of finest quality.

**Fordhook Bush.** 70 days. Outstanding Bush Lima for home or market producing a very heavy crop with large, fat pods in clusters of from five to eight.



Bean, Fordhook Bush Lima

## POLE LIMAS

*How to Grow Pole Lima Beans*

Pole Lima Beans are easily grown in any rich, well-drained garden soil. Should be given support, the most frequently used being rough poles, spaced 3 to 4 feet apart each way. Sow seeds when soil has become warm; put 6 to 8 seeds (preferably with the eyes down) around each pole, cover with 2 inches of fine soil, and firm to assist germination. When plants are well started, thin so that three or four of the strongest remain to a pole. A packet will plant 10 poles, 1 lb. for 50 poles. Small plantings may be made along a fence or trellis, putting several beans 1 foot apart, later thinning to one strong plant.

*One pound will plant 75 to 100 hills*

Pkt. 15c.,  $\frac{1}{2}$  lb. 35c., lb. 60c., 5 lbs. \$2.75, 10 lbs. \$5.00

**King of the Garden.** 88 days. The best-known and most popular. Its flat, curved pods are 6 to 7 in. long and contain 3 to 5 large, tender, flat Beans. Very productive.

**Selbert's Early Lima.** 80 days. Early and dependably productive for home, market garden and for canning. Pods 5 in. long,  $1\frac{1}{8}$  in. wide,  $\frac{3}{8}$  in. thick. Seeds large, thick; white.

## BROCCOLI

**Italian Green Calabrese.** A new and distinct variety of the sprouting type. It forms a large head consisting of a cluster of bluish green flower heads. When this central head is removed, the plant develops numerous lateral sprouts, each of which produces a small head. These are cut, leaving about 6 in. of the stem. Both stems and heads are cooked and served like Cauliflower. For July crop, sow the seed in a hotbed in March or April, and for Fall crop, in the open ground in May. Ready for use in about 90 days. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.35.

## SUCCESSION COLLECTION OF BUSH BEANS, GREEN AND WAX

The surest way to enjoy delicious Beans all Summer. This collection is made up of standard varieties, selected to give a continuous supply of garden Beans throughout the season.

**Bountiful.** Green. Plant for early.

**Green Pod Stringless.** Green. Plant for main crop.

**Pencil Pod Black Wax.** Plant for early.

**Sure Crop Wax.** Plant for medium early.

Plant Snap Beans after all danger of frost is past. They were formerly called string beans, but that is in the past, as all are stringless. You can have a large yield from a small plot. The green varieties are becoming more popular.

## BRUSSELS SPROUTS

*One packet will produce about 75 plants*

**Long Island Improved.** An American variety grown for American conditions. This strain will produce dense clusters of sprouts of good size and exceptional quality. Sure to mature before frost. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.90.



Broccoli, Italian Green

## CHICORY

**Witloof or French Endive.** The stalks when blanched are used for salad. Pkt. 10c., oz. 75c.

## COLLARDS

**Georgia Southern or Creole.** Non-heading form of the Cabbage family very generally grown for greens in home and market gardens in the South. Plant 2 to 3 ft. tall, erect, spreading and with numerous large leaves; forms at the top a loose cluster or head of tender leaves. Pkts. 10c., oz. 25c.

## CORN SALAD, or FETTICUS

*One ounce will sow 150 feet of drill*

**Large-seeded.** The most popular variety grown. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

## CRESS, or PEPPERGRASS

*One ounce will sow 150 feet of drill*

**Upland, or Broadleaved Winter.** A garden substitute for Watercress; crisp, tender and perfectly hardy. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**True Watercress.** Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. Pkt. 10c., oz. \$1.00.

# CABBAGE

One ounce will produce about 3,000 plants, 4 ozs. will produce enough for an acre.

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds of the early varieties in February in hotbeds and transplant the latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon

as weather will permit. Set the plants in rows 3 feet apart and 12 to 18 inches apart in the row. The second early varieties sow in April and transplant in May; late varieties, sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant Cabbage in the same location two years in succession

**GOLDEN ACRE RESISTANT (Resistant Detroit).** Similar to Golden Acre except slightly larger plant growth and not quite as uniform, as is typical of yellows-resistant strains. Has earliness and is desirable for planting on yellows infested soils.

*Plant*—Medium small, suitable for close planting, medium light green.

*Heads*—6 to 6½ in., round, solid, interior white and of good quality. Pkt. 10c., oz. 65c., ¼ lb. \$2.50, lb. \$8.00.

**MARION MARKET.** (75 days.) A selection from Copenhagen Market; quite resistant to yellows and retaining the desirable characteristics of its parent. Should be used where yellows or wilt prevents normal crops of Copenhagen. Typically not as uniform as regular Copenhagen.

*Plant*—Medium-sized, short stem, medium green, somewhat erect growth habit.

*Heads*—7 in. in diameter, globular in shape, rather prominent, fair in uniformity and of good quality. Pkt. 10c., oz. 60c., ¼ lb. \$2.00, lb. \$4.50.

**WISCONSIN HOLLANDER No. 8.** (100 days.) A popular late variety for yellows infested soil. It is of the Danish Ball Head type and yields fine heads that are excellent for storage, kraut making, or shipping.

*Plant*—Medium large, robust, hardy, medium dark green color, medium length stem.

*Heads*—7 to 8 in. in diameter, globular, firm to hard; quality is very good. Pkt. 10c., oz. 70c., ¼ lb. \$2.00, lb. \$4.50.



Cabbage, Marion Market

## STANDARD VARIETIES

### EARLY CABBAGE

**Copenhagen Market.** (68 days.) Uniform round heads, 6½ in. in diameter, weighing 4 lbs., with crisp leaves. Good for early kraut. A short-stemmed variety with few outer leaves. Pkt. 10c., oz. 45c., ¼ lb. \$1.25, lb. \$4.00.

**Early Jersey Wakefield.** (62 days.) Our seed produces pointed heads 5 in. in diameter, about 7 in. long, weighing 2½ lbs. The most popular early variety. Pkt. 10c., oz. 45c., ¼ lb. \$1.25, lb. \$4.00.

**Golden Acre.** (62 days.) The earliest round-headed Cabbage. Similar to Copenhagen Market, only earlier and a little smaller. Heads 6 in. in diameter; weight 3 lbs. Pkt. 10c., oz. 45c., ¼ lb. \$1.25, lb. \$4.50.

### INTERMEDIATE VARIETIES

**Early Dwarf Flat Dutch.** (78 days.) A very early and fine-quality flat Cabbage with heads 9 in. in diameter and weighing 6½ lbs. Very good for kraut. Pkt. 10c., oz. 45c., ¼ lb. \$1.25, lb. \$4.00.

**Glory of Enkhuizen.** (73 to 80 days.) Particularly valuable for kraut. Heads very large; globular; 8-9 in. in diameter; firm; commonly weigh 8 to 10 lbs. Pkt. 10c., oz. 45c., ¼ lb. \$1.50, lb. \$4.50.

**Morse's Large Red (New).** A Ferry-Morse development. A main crop variety producing large, solid head of attractive, deep red color. Plants are rather large, with broad outer leaves. Heads large, often 8 to 10 in. in diameter, thick, flat, rounded on top, firm and well covered. Color deep red without purplish tinge. Quality excellent. Suited for home and market use, where its slow bolting habit is of considerable value. Pkt. 10c., oz. 50c., ¼ lb. \$1.80.

### AUTUMN AND WINTER CABBAGE

**Danish Ball Head Short Stem.** (83 days.) Danish Ball Head is the best late Cabbage offered to the trade. The plants are medium sized with short stem. Heads large; flattened globe shape; become 8-9 in. across, 6-7 in. deep and weigh 7 to 9 lbs. Pkt. 10c., oz. 45c., ¼ lb. \$1.35, lb. \$4.50.

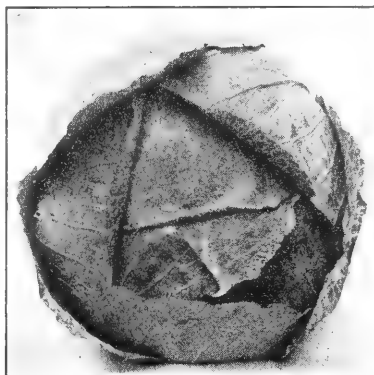
**Hollander.** (100 days.) A high class Cabbage of the Ball Head type. Plants medium small, allowing closer planting than any other late Cabbage; short stemmed; erect and compact; extremely hardy. Pkt. 10c., oz. 50c., ¼ lb. \$2.00, lb. \$6.50.

**Mammoth Rock Red.** (90 days.) The best red Cabbage; splendid Winter keeper. Heads round to slightly flattened globe shape. Pkt. 10c., oz. 50c., ¼ lb. \$1.50.

**Penn State Ball Head.** (105 days.) (Original.) Penn State Ball Head shows records of over 20 tons per acre. This extra tonnage, combined with fewer cracked heads and better storage quality placed Penn State Ball Head in a class of its own. Pkt. 10c., oz. 45c., ¼ lb. \$1.35, ½ lb. \$2.60, lb. \$5.00.

**Premium Late Flat Dutch.** (105 days.) The best very large, late Cabbage; popular for home and market garden and for Fall shipment; a good keeper. Heads very large and flat, but deep; become 12-14 in. across, 7 in. deep and weigh 12 to 14 lbs. or more; firm and of good quality. Pkt. 10c., oz. 45c., ¼ lb. \$1.25, lb. \$4.00.

**Savoy, Chieftan.** (88 days.) The well-formed, firm heads are medium in size. It is earlier than most other varieties of Savoy Cabbage. If you are fond of the crispness and mild flavor of this type of Cabbage, you will find Chieftan outstanding in uniformity and quality. Pkt. 10c., oz. 45c., ¼ lb. \$1.50, lb. \$4.50.



Cabbage, Penn State Ball Head

### CHINESE CABBAGE

**Michihili Improved.** Early and very sure heading. Head becomes 18-20 in. tall, 3½-4 in. thick, tapered near tip, very firm, well blanched, crisp, tender and sweet. Superior to Chinese Improved or Pe Tsai. Pkt. 10c., oz. 50c., ¼ lb. \$1.25, lb. \$4.00.

# CARROTS

Sow seed early in the Spring in rows 12 to 30 inches apart. Cover seed with  $\frac{1}{2}$  to 1 inch of soil and press gently. Thin plants to stand 2 to 3 inches apart. For a continuous supply sowings should be made every two weeks up to the early part of July. For nice, tender Carrots in the Fall or for Winter storing, the later sowings are advisable. Use a packet of seed to 25 feet of row,  $\frac{1}{4}$  oz. to 100 feet, 3 to 4 lbs. to the acre.

**Early Nantes (Coreless).** (70 days.) For quality, flavor, attractive appearance, it is one of the best; 6 in. long and perfectly cylindrical, being from 1 to  $1\frac{1}{2}$  in. thick, the whole length ending abruptly in a small, thin tail. There is no "core," the beautifully pure, orange-scarlet flesh extends right through; valuable for home use. Its color, form and size make it a ready seller on the market. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

**Guerrande, or Oxheart.** Stump-rooted especially adapted to shallow soil. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

**Danvers Half-Long.** (Special.) Well-known favorite Carrot on account of its great productiveness and adaptability to all soils and sections. Commercial crops have yielded 25 to 30 tons per acre. Roots are half-long, almost cylindrical, and under ordinary culture grow 6 to 7 in. long and  $1\frac{1}{4}$  in. thick at shoulder, tapering gradually towards the stump end. If grown in deeply prepared soil, roots will measure 7 to  $7\frac{1}{2}$  in. long and 2 to  $2\frac{1}{2}$  in. at the shoulder. Skin is rich, deep orange-red; flesh is bright orange, fine-grained, sweet and tender. Much more easily harvested than the long types, and an excellent variety for home and market, shipping or storing for Winter use. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

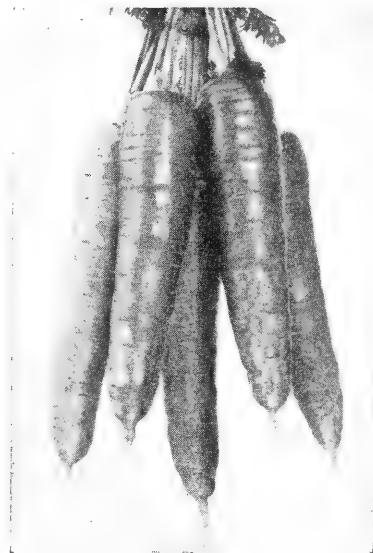
**Supreme Half Long.** Resembles a small refined Danvers with short tops. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.60.

**Imperator.** (77 days.) A little longer than Danvers, but having the high table quality of the short rooted varieties. Color, deep solid orange all through. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.60.

**Morse's New Bunching.** (72 days.) Gold Medal. Cylindrical, half-long Carrot, of ideal size and shape for bunching. Color is a fine deep orange throughout with a small, indistinct core. Tops are short, rather bushy and strong but not coarse at the neck. Quality is fine and flesh is tender and sweet. This was developed as a bunching Carrot for market and long distance shipping and makes a splendid appearance. It is equally as desirable in the home garden, just the right size and shape that appeals. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.60.

**Red Cored Chantenay.** (70 days.) The color is a rich orange, decidedly deeper than the ordinary Chantenay. The cores are small. The roots grow about  $5\frac{1}{2}$  to 6 in. long, and 2 to  $2\frac{1}{2}$  in. in diameter, having a very small rat tail, and run very uniform in size and appearance. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

**Long Orange Improved.** A heavy cropper. Roots scarlet-orange; 10-12 in. long, 2 in. thick at shoulder; tapered, pointed. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.



Morse's Bunching Carrots  
**CAULIFLOWER**

For early crop sow in hot-bed in January or February and transplant as soon as frost danger is past. For late crop, sow in May or June. Set plants 18 inches apart and in rows 2 feet apart. To control root-rot and yellows after plants are up, treat soil with solution of bichloride of mercury, 8 ounces to 50 gallons of water.

*One packet will produce about 100 plants*

**Early Snowball.** This is an extra fancy Danish grown seed producing an early maturing strain of the short-leaved type. Adapted for forcing or for the garden. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**Snowdrift.** A new, early variety which makes a larger head than Snowball. The head has unusual depth, is of fine texture, and blanches very easily. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**Super Snowball.** The finest, earliest Cauliflower grown. Given good soil, this strain will bear and be finished before any other variety is ready to use. The heads are large and leaves curl over the heads for sun protection. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c., oz. \$2.50.

**New Early Purple Head.** (73 days.) Has superior eating and freezing qualities. Deep purple head and becomes green when cooked. Fine nutty flavor. Pkt. 25c.,  $\frac{1}{4}$  oz. 75c., oz. \$3.00.

**Emerson Pascal (New).** Early, blight resistant, developed by Cornell University. Superior eating quality. Tender and unusually brittle, including outer stalks.  $\frac{1}{4}$  oz. 50c.,  $\frac{1}{2}$  oz. 85c., oz. \$1.50,  $\frac{1}{4}$  lb. \$5.00.

**Utah No. 15.** An improved strain of Utah. Height 26 to 28 in. Leaves are dark green. Plants are erect, compact, full-headed. Edible stems 8 to 10 in. long; crisp and fine quality. Pkt. 25c.,  $\frac{1}{4}$  oz. 50c., oz. \$1.50

## CELERIAC

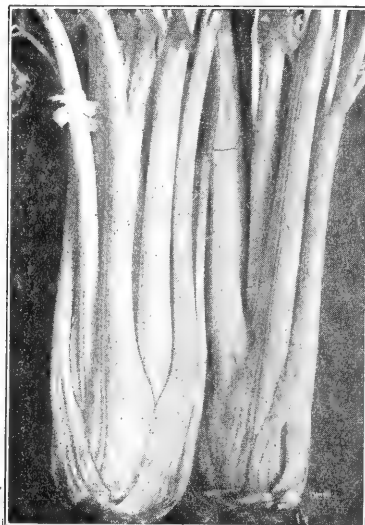
**Or TURNIP-ROOTED CELERY**  
Grown mostly for its bulbous roots, which may be stored like Beets for Winter use.

**Giant Prague.** The finest variety. Very large roots which are almost round. Pkt. 15c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

# CELERY

*One ounce will produce 3,000 plants*

Sow seed early in April, in an open border, in good, rich soil, in drills 8 inches apart. Early in July transplant to trenches 3 feet apart and 6 inches apart in rows. The beds should be kept well weeded and an occasional soaking with water in dry weather will do the plants good.



Golden Plume, 4162

**Golden Plume 4162.** An improved strain, taller, longer stemmed. Retains earliness and ease of blanching of original strain; more compact in form; heavy producer. 24 to 26 in. tall with stems  $7\frac{1}{2}$  to  $8\frac{1}{2}$  in. long and hearts full. Pkt. 25c.,  $\frac{1}{4}$  oz. 50c., oz. \$1.50.

**Cornell No. 19.** Developed and introduced by the New York State College of Agriculture. A cross between the green Celery Utah and the Golden Self Blanching. Early, easy blanching. Plants 24 in. tall. Edible stem  $10\frac{1}{2}$  in. Rounded thick stems; fairly good heart. Quality good. Resistant to fusarium yellows. Pkt. 20c.,  $\frac{1}{4}$  oz. 50c., oz. \$1.50.

**Cornell 619 (New).** A superior Celery developed by Cornell University and is a cross between the Cornell 6 and 19, and this new strain seems to have the excellent features of both parents. Resistant to yellows, easily blanched and suitable for both upland and muck soil. Excellent for home use and as a main crop for commercial growers. Pkt. 25c.,  $\frac{1}{4}$  oz. 65c., oz. \$1.75.

**Summer Pascal (Waltham Strain).** (120 days.) Unique, crisp, nutty sweet. Here is a beautiful Pascal Celery that can be bleached with paper or boards. It is full hearted, smooth, stringless, crisp, delicious and easy to bleach. Can be grown for early and late. Height medium with round, solid, dark green, smooth ribs. It outsells others and has brought a premium of 50 per cent or more than other Celery. Just the Celery you have been looking for. Pkt. 20c.,  $\frac{1}{4}$  oz. 50c., oz. \$1.50,  $\frac{1}{4}$  lb. \$2.50, lb. \$8.50.

# CORN, Sweet

Hardy—Northern Grown Stocks—High Germination

Sweet or Sugar Corn may be planted when danger of frost is over. Plant 1 inch deep in rows 3 to 4 feet apart and the seeds placed about 8 inches apart in the row, or plant in hills 3 to 4 feet each way with 3 or 4 grains in a hill. Make plantings every two weeks until the middle of July so as to have Corn for use during the entire season. The earliest varieties are ready for the table in 8 to 9 weeks from date of sowing and the late varieties from 10 to 12 weeks. 12 to 16 lbs. to the acre.

**Price on Hybrid Corn as follows, unless otherwise noted: Pkt. 20c., ½ lb. 50c., lb. 85c., 5 lbs. \$3.00, 10 lbs. \$5.15**

Ask for quantity prices

## YELLOW HYBRIDS

**Alphagold Bantam.** (59 days.) If you want to lead your neighborhood with the *earliest* Sweet Corn, plant Alphagold Bantam. The rapid growth of this first, early yellow hybrid will amaze you. And it's safe to plant it a full week ahead of ordinary Sweet Corn. Yields well, ears are about 7 inches long, and tips are well filled. Be the first to invite your friends in for a real hybrid Sweet Corn treat.

**Golden Cross Bantam.** (88 days.) Highly resistant to Stewart's disease and very prolific. Stalks sturdy with exceptionally broad, dark green leaves. Ears 10 to 14 rowed, 7½ to 8 in. long. Slightly lighter yellow than Golden Bantam. Kernels medium in width and depth. Excellent for market gardeners.

**Marcross C13X6.** (72 days.) This is one of the earliest hybrids recommended, being a cross between a Golden Early Market inbred and a Whipple's Early inbred. The inbreds and crosses were made originally by the Connecticut Agricultural Experiment Station and the hybrid is recommended by them. Matures from 72 to 76 days from date of planting. The ears are 7½ to 8 in. long.

**Seneca Chief.** 5½ to 6 ft. tall, 9 in. long—12 row. Is acknowledged to be the highest quality of any Sweet Corn on the market. Has a small cob and a deep kernel. Commercial home freezers find it the only satisfactory Corn for freezing on the cob.

**Seneca 60.** Matures in 60 to 65 days from planting, has the flavor and tenderness of the old Golden Bantam and makes a fine appearing 6 to 6½ in. ear.

**Carmel Cross.** (76 days.) An early Hybrid with exceptionally good yields of large, high quality ears. Resistant to wilt. Stalks 6 feet.

**Tendermost.** (83 days.) From the first day the ears are ready to use until the leaves and husks begin to turn brown you will find it the tenderest Corn you have ever had. It is as near hullless as Sweet Corn can be grown. The 9 in. golden 14 to 16 rowed ears are deliciously sweet. Excellent for canning and freezing.

**Price on open Pollinated Corn as follows: Pkt. 15c., ½ lb. 25c., lb. 45c., 5 lbs. \$2.00**

## OPEN POLLINATED

**Golden Bantam.** (80 days.) Plants dwarf; 4½ to 5 ft. tall; very productive, commonly bearing 2 ears. Ears 6 to 7 in. long; strictly 8 rowed; very uniform. Kernels rich golden yellow, very tender, sweet and of splendid rich flavor.

**Golden Early Market.** (72 days.) Earliest large, true Sweet Corn of golden color. The ear is larger than Golden Sunshine and 10 days earlier than Golden Bantam. It is the outstanding early yellow Sweet Corn of highest quality.

**Golden or Bantam Evergreen.** (89 days.) A cross between Golden Bantam and Stowell's Evergreen. Ears 7 to 8 in. long, with 12 to 14 rows of large yellow kernels which are of fine quality. Matures later than Whipple's Yellow.

**Golden Sunshine.** (76 days.) An earlier Golden Bantam. A yellow early, high quality Sweet Corn ready for market ten days earlier than Golden Bantam. The ears are 6½ in. long. 12 rows of broad yellow sweet grains. It is especially desirable for its extreme earliness.

**Whipple's Early Yellow.** (84 days.) Deservedly popular as a large eared second early sort, for home and market garden. Stalks sturdy and erect; ears 12, to 14 rowed, strong husks, well filled at tips. Kernels golden yellow, fairly deep, sweet, and of good flavor.

**Improved Golden Bantam.** Ears 6 to 7 in. 10 to 14 rows. Larger ears than Golden Bantam. Tender, sweet and good flavored.

**Corn Earworm Control.** Make one application of 1% Rotenone when the ears are forming and before silks are out, second when silks start to appear, a third when silks begin to wilt, and a fourth two or three days after the third.

**Corn Borer Control.** First treatment is made when eggs begin to hatch. Avoid use of DDT when Corn is to be fed as green fodder. Apply dusts at rate of 40 lbs. per acre and sprays at 75 to 100 gallons per acre per application.

## ARASAN



For Corn, Peanuts and certain vegetables. A new treatment for a wide variety of vegetable seeds. This organic seed disinfectant and protectant provides a means of combating the ever present problem of securing full stands of vigorous, healthy normal seedlings. Prevents seed decay caused by fungi and bacteria. ¾ oz. 25c., 8 ozs. \$1.00, 2 lbs. \$3.20.

## FINEST WHITE SWEET CORN

**Pkt. 15c., ½ lb. 25c., lb. 45c., 5 lbs. \$2.00**

**Country Gentlemen.** (93 days.) Valuable for home, market garden and especially for canning. Plants 6½ to 7 ft. tall, commonly with 2 or more ears. Ears 7½ to 9 in. long, 2 in. thick; set solid with irregular rows of kernels. These are white; shoe-peg form. Very deep, sweet and tender.

**Early Evergreen.** (90 days.) Very valuable canning and market sort about 1 week earlier than Stowell's Evergreen. Plants 6½ to 7 ft. tall. Ears about 7½ in. long, 2½ in. thick with 14 to 20 rows of very deep, white, sweet tender kernels.

**Stowell's Evergreen.** (95 days.) Standard late variety very valuable for canning and much grown for market. Plants 7 to 7½ ft. tall. Ears 8 in. long; 2½ to 2½ in. thick; 14 to 20 rowed. Kernels very deep, white, sweet and tender and remain in table condition a long time.

## POP CORN, SHELLED

¾ lb. 15c., ½ lb. 25c., lb. 40c.

**Japanese Hullless.** Plants 5 ft. tall. The ears are short and thick. The kernels are small, nearly white color and much the shape of White Rice. They pop readily and the popped Corn is very tender and of the finest quality. Very early variety. Large and snow-white when popped.

**South American Yellow.** Known under various names, Dynamite, Yellow Giant, etc. It is the most profitable variety to grow, the ears are large, 7 to 9 in. long, of golden yellow color, producing more bushels per acre. Our seed is of South American origin. Matures early in Pennsylvania.

**White Rice.** (90-95 days.) Satiny translucent white pointed kernels, slender, slightly tapered and much the same shape as Japanese Hullless. Medium large straight rowed ears with 10 to 16 rows, vigorous plants, good yielder, fair to good popper.

# CUCUMBER

Do not plant Cucumbers before danger of frost has passed, as the plants are very tender and the least frost will damage them or kill them. Plant in hills or rows 4 feet apart, 10 to 15 seeds to each hill; make soil very rich. For pickles, plant from June 1st to middle of July. One ounce will plant 50 hills, 2 lbs. will plant 1 acre.

Cucumbers are divided into two classes. The "Black Spine" and the "White Spine." The spines being the bristles showing on the fruit when it is young. The black spined kinds turn yellow when ripe. The white spines turn white.



Cucumber, Marketer

**Boston Pickling.** (57 days.) Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.80.

**Chicago Pickling.** (56 days.) A slender, early pickling variety producing uniform, medium green, tapered fruit 9 by 3 in. and weighing  $1\frac{1}{4}$  lbs. A standard variety. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.80.

**Davis Perfect.** (65 days.) Fine for forcing or for outdoors. The fruit is long and straight, and valuable for slicing. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.20.

**Early Cluster.** (55 days.) A fine pickling variety that is also good for slicing. Fruits  $5\frac{1}{2}$  by  $2\frac{3}{4}$  in., pale green. Prolific. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.80.

**Early Fortune.** (63 days.) Used extensively for slicing and shipping. Fruit is medium green and tapering, 8 in. long and  $2\frac{1}{2}$  in. in diameter, crisp, and weighs  $1\frac{3}{4}$  lbs. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.80.

## DILL HERB

(70 days)

Used extensively for culinary use and for putting with Cucumber when pickling, producing the famous Dill pickles. Pkt. 10c., oz. 20c.

## DANDELION

1 oz. will sow 150-ft. row

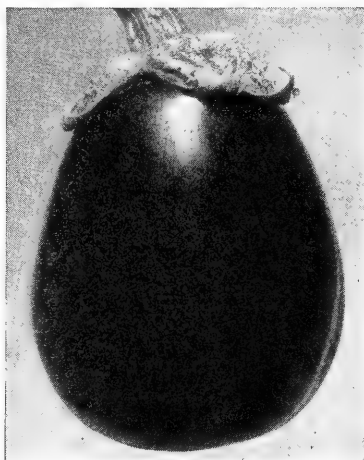
**Common.** Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Improved Thick-Leaved.** (50 days.) A very early and healthful Spring salad. Sow early in the Spring, in drills, 18 in. apart and thin out to 6 in. in the drills. Pkt. 10c., oz. \$1.50,  $\frac{1}{4}$  lb. \$4.50, lb. \$15.00.

**Improved Long Green.** (70 days.) The standard late variety for the home-garden. Provides tasty, tender, crisp slices for salads. Fruit deep green and tapered, 12 by 3 in., and weighs 3 to  $3\frac{1}{2}$  lbs. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Improved White Spine.** (60 days.) An old standby, and will retain its medium green color for a long time. Fruit 8 to 9 in. long and  $2\frac{1}{2}$  in. in diameter. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.80.

**Longfellow.** (72 days.) An excellent, long, dark green Cucumber growing about 12 in. long, of fine quality. A fine shipper. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.75.



Fort Myers Market

**Straight 8.** (68 days.) A new, uniformly cylindrical variety, 8-10 in. long. Fruit medium green, free from white stripes. Excellent keeping quality. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.25.

**Marketer** (All-America Selection). Rich dark green fruits, uniformly cylindrical in shape, slightly tapered ends and about 8 in. in length. Flesh thick, crisp, white, and of fine flavor. Vines are vigorous growing and bear unending big crops for a long season. This new variety is attracting the attention of commercial growers of quality Cucumbers and promises to be a most popular variety. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.25.

**A. & C.** (68 days.) Has proven to be about the finest slicing variety ever introduced. A Cucumber that has no weak points. The long, slender fruits are very dark green. Grows 8 to 9 in. long and 2 in. thick. A. & C. is one of the most popular Cucumbers grown today. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**National Pickling.** (56 days.) Developed by the Michigan Agricultural College under the supervision of the National Pickle Packers Association. Vines rather small, fruits straight, symmetrical, full at the ends. Length 6 in., thickness  $2\frac{1}{2}$  in. Black spined, recommended for production of high grade small pickles. A good yielder. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.80.

**West India Gherkin.** (60 days.) Used for small pickles. Fruit pale green, oval, uniform, and covered with prickly spines. Measures 2 by 1 in. and weighs 3 to 4 ozs. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.20, lb. \$4.00.

## EGGPLANT

1 oz. will produce about 1000 plants

The seed should be sown in hotbeds the second week in March, care being taken to protect the young plants from cold at night. Plant out about June 1st, about  $2\frac{1}{2}$  feet apart. Sufficient plants may be raised for a small garden by sowing a few seeds in common flower pots or boxes in the house.

**Early Black Beauty.** (82 days.) Earlier than any other sort. Fruit jet black, holding its black color during its maturing season. Very productive with uniform size fruit. Pkt. 20c., oz. 90c.

**New Hampshire Hybrid.** (70 days.) Selection from Black Beauty X Early Dwarf Purple. Upright, uniform medium growth and fruits; very early and productive. Pkt. 20c.,  $\frac{1}{2}$  oz. 50c., oz. 90c.

**Fort Myers Market.** (85 days.) Vigorous and very productive high bush variety, holding fruits well off the ground. Fruits ideal size for shipment, 9 to 10 in. long,  $5\frac{1}{2}$  to  $6\frac{1}{2}$  in. diameter, nearly egg shaped, broadest near blossom end. Outstanding for deep purplish black color and high gloss. Pkt. 20c.,  $\frac{1}{2}$  oz. 50c., oz. 90c.

## COCS CUKE AND MELON DUST

A combined insecticide and fungicide, containing calcium arsenate and copper for the control of insects and diseases. 4-lb. bag \$1.10.



# LETTUCE

To grow head Lettuce early, sow the seed in February or March in boxes, flats or in hotbeds in rows. When an inch high, transplant to coldframes. From there set out in the garden as soon as the soil is warm, placing the plants 5 to 7 inches apart in rows while the rows should be 12 to 18 inches apart. Where there is no hotbed, sow seed outside when ground is warm and transplant. For looseleaf or curly-leaved sorts, sow the seed either broadcast or in rows; make sowings every couple of weeks for Lettuce all Summer, and cut as it comes. By sowing in rows the plants can be cultivated. Sow seed the last of August and in September to be transplanted to the coldframe in October. One ounce will sow 300 feet of row, 4 to 5 lbs. for an acre.

## HEADING VARIETIES

**Great Lakes (New).** (83 days.) A heading variety of the Imperial type, developed by the U. S. Department of Agriculture and Michigan Experiment Station. Leaves large and well-folded; ribs heavy. Considerable resistance to tip-burn and heads under adverse conditions. For local markets. Pkt. 15c.,  $\frac{1}{2}$  oz. 50c., oz. 90c.,  $\frac{1}{4}$  lb. \$2.50, lb. \$7.50.

**Imperial No. 847.** (84 days.) (BS.) A strain recently developed and found to be adapted to New York and New England conditions. Resembles the other "Iceberg" types and stands heat very well. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.85, lb. \$6.00.

**New York No. 515.** (78 days.) An early variety which does well, and is an even and well-bred selection. It is a trifle lighter in color than other strains of New York, but is popular with shippers. Pkt. 10c.,  $\frac{1}{2}$  oz. 35c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.85, lb. \$5.75.

**Prices on Lettuce seed unless otherwise noted as follows:** Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 90c., lb. \$3.00.

**Big Boston Improved.** (76 days.) Very popular for outside as well as for forcing. Color, light green, slightly tinged reddish brown.

**Iceberg (California Simpson).** (82 days.) A splendid crisp-head sort.

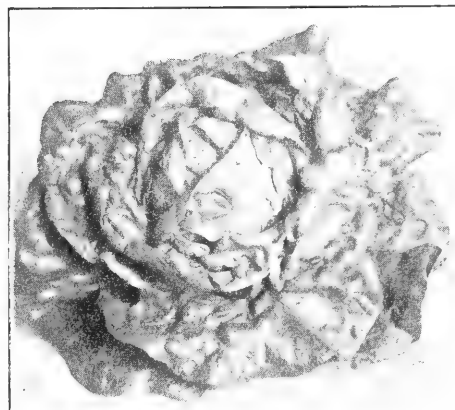
**May King.** (66 days.) Large heads with broad green outer leaves tinged brown. Solid.

**White Boston.** (76 days.) The best strain of the butter head type.

**White Paris Self Folding.** (77 days.) 8-9 in. tall which is whitish-green inside, with heavy, white brittle mid-ribs.

**Cornell No. 456 (w.s.)** A type which has proven very sure heading when grown in the East during the Summer months. Particularly adapted for growing on muck soils. Frame and head smaller than Great Lakes and of lighter green color. Resistant to tip burn and early bolting.

**Imperial No. 44.** (82 days.) Very long well folded leaves, produces hard well-formed heads under favorable conditions. Pkt. 15c., oz. 90c.,  $\frac{1}{4}$  lb. \$2.50, lb. \$7.50.



Great Lakes Lettuce

## ENDIVE

One ounce of seed for 100 feet of drill

One of our best salad plants. For a first crop sow about the middle of April; for succession small sowings may be made every month till August, when the main planting is made. Set out the plants 1 foot apart in rows and when well grown blanch by folding the leaves.

**Broad-leaved Batavian.** (90 days.) (Escarolle.) Full hearted. One of the best varieties for salads. Leaves broad, bright, dark green. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

**Deep Heart Fringed.** (90 days.) Is an All-America Silver Medal winner. Entirely new type of Endive, between Full Heart Batavian and Green Curled, but more upright in growth than either, and leaves broader than Green Curled. Outer leaves turn upward, making plants less susceptible to bottom rots than most Endives. Extra deep, well filled hearts blanch to clear creamy yellow. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

**Giant Green Curled or Ruffick.** (95 days.) This is a hardy growing variety, with deep green leaves. When tied up these plants of red footstalks blanch white very quickly. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c.

## KALE, or BORECOLE

One ounce will sow 150 feet of drill

Sow about the middle of April in prepared beds, covering thinly and evenly; plant out in June following the directions recommended for cultivating Cabbage.

**Green Curled Scotch.** (55 days.) A rather dwarf variety, growing about 18 in. in height, but spreading under good cultivation to 3 ft. in diameter. Leaves of a bright green, beautifully curled. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.

**Siberian Dwarf Curled.** (65 days.) This variety grows a little larger and coarser than the preceding. The leaves are not so deeply curled and are of a bluish green color. Very hardy. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

## LOOSE LEAF VARIETIES

**Prices on Loose Leaf varieties:** Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Salad Bowl—Leaf Lettuce.** Should be an excellent home garden lettuce, and is well adapted for pre-packaging where Leaf Lettuce is in demand. The plant is large, medium green, and very slow in bolting to seed. The leaves are long and deeply cut, and are less easily damaged or broken by rough treatment, as are other leaf types of lettuce.

**Black Seeded Simpson.** (45 days.) Early. Dependable in all parts of America and widely grown in home and market gardens. Plant large, attractive, compact; with broad, frilled light green leaves that are of fine crisp texture and splendid quality.

**Early Curled Simpson.** (45 days.) Early. Plant large, compact, bright light lustrous green; leaves broad, frilled, firm, crisp, sweet and of good quality.

**Grand Rapids.** (42 days.) Very early. Hardy, disease resistant; the most widely used and best adapted variety for greenhouse forcing. Plants, large, upright, compact and handsome; bright solid light green; leaves large, broad, margin much wavy and frilled; very tender and sweet when grown under glass.

**Prize Head.** (48 days.) Very early, quick growing and one of the most popular for home gardens.

## KOHL-RABI

One ounce will sow 300 feet of row

**Prices on Kohl-Rabi:** Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00

**Early Purple Vienna.** Similar to Early White Vienna, except in color.

**Early White Vienna.** Very early and should be used before being fully grown. Flesh white with greenish white skin.

## LEEK

One ounce will sow 200 feet of drill

The Leek is very hardy and easily cultivated. Sow as early in the Spring as practicable, in drills 1 inch deep and 1 foot apart. When 6 to 8 inches high, transplant in rows, as deep as possible, that the neck, being covered, may be blanched.

**Large American Flag.** The most desirable for market or family use. Pkt. 10c., oz. 60c.,  $\frac{1}{4}$  lb. \$1.75.

## MUSKMELONS

*An ounce will plant 60 hills*

After all danger of frost is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, 6 to 12 seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground.

### COCS CUKE AND MELON DUST

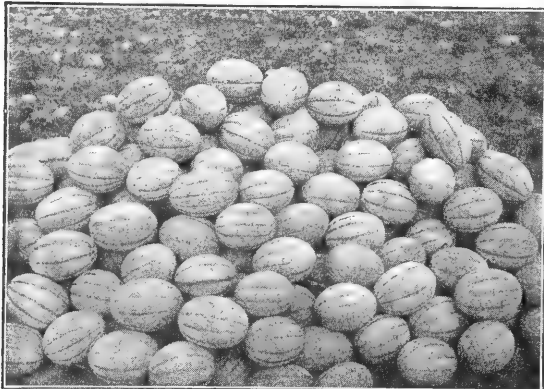
A combined insecticide and fungicide containing calcium arsenate and copper for the control of insects and diseases. 4-lb. bag \$1.10, lb. can 45c.

**The prices on Muskmelon seed are as follows:** Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25, lb. \$3.50.

**Bender's Surprise.** (94 days.) Fruit oblong, 8 by 6 in., with ends rounded, and weighing 7 lbs. Skin hard, greenish yellow, distinctly ribbed, with coarse netting; delicious flavor. Can be shipped.

**Delicious.** (83 days.) An early variety. Similar in general character to Bender's Surprise. Fruits about 6 in. in diameter with coarse netting and quite prominent ribs. Rind solid, creamy-green at maturity.

**Golden Delight.** AAS *Bronze Medal*. A reliable cropper. The elongated fruits average 5 by 7 in. and have thick salmon-orange flesh of fine flavor and firm quality.



Muskmelons, Irondequoit

## WATERMELON

*One ounce will plant 25 hills*

Cultivate same as Muskmelon, except that they should be planted 8 to 10 feet apart, according to variety.

**Price of Watermelon Seeds is as follows:** Pkts. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 80c., lb. \$2.75.

**Cole's Early.** (75 days.) One of the earliest grown; the flesh is of a beautiful bright red color, crisp and delicious.

**Dixie Queen.** (85 days.) Fruit nearly round, light green with dark green stripes. Bright red flesh, crisp and white, small white seeds. Excellent for home garden. Weight about 30 lbs.

**Fordhook Early.** (75 days.) Slightly oval, dark green mottled with darker stripes. The flesh is bright and red and of fine quality.

**Harris' Earliest.** (75 to 80 days.) Fruits medium size; broad oval; dark green stripes, of good quality; seeds blackish.

**Hale's Best.** (80 days.) Fruit oval,  $6\frac{1}{2}$  by 5 in., indistinctly ribbed but heavily netted, weighing 3 to 4 lbs. Flesh thick, sweet, and of fine flavor. Planted extensively for early shipping.

**Hearts of Gold or Hoodoo.** (94 days.) Fine for market gardens and shipping. Fruit round, 6 by 6 in., weighing 2 lbs.; distinctly ribbed, and covered with fine gray netting. Flesh thick, deep, sweet, and juicy.

**Honey Rock.** (85 days.) A recent novelty becoming very popular. Very sweet, thick orange flesh. Oval fruits of medium size. Weight 4 lbs.

**Irondequoit or Tip Top.** (90 days.) A fine yellow fleshed melon. Vines are hardy and very productive. Melons are large, excellent shaped, distinctively ribbed and netted. The flesh is solid, very thick, with small seed cavity. Rich salmon yellow, sweet and of a most delicious flavor.

**Iroquois.** (90 days.) A delicious or Early Bender type with resistance to Fusarium Wilt. Fruits are round to oval, about  $6\frac{1}{2}$ -7 inches in diameter, with prominent ribs and coarse netting; the rind is tough and holds up well. Flesh is deep orange color, of fine texture.

**USE  
Hotkaps  
for  
Success with  
Melons**

### MUSTARD

*One ounce will sow  
75 feet of drill*

Sow thickly during early Spring in shallow drills, 12 inches apart. For Fall use, sow in September.

### Southern Giant

**Curled.** Most popular sort for greens. Leaves long and wide, light green, heavily crumpled and curled at edge. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Kleckley Sweets.** (85 days.) Sweet and fine flavored; dark green skin rind; flesh scarlet, solid and firm.

**New Hampshire Midget.** (65 days.) Icebox type. Very early and productive. Fruit 6 in. by  $5\frac{1}{2}$  in., nearly round. Thin rind, tender, light green with dark green mottling and striping.

**Stone Mountain.** (80 days.) Fine for the home-garden and a good market variety. Average weight, 40 to 50 pounds. Round, slightly elongated; skin light green; flesh crimson and sweet. A very popular variety.

**Tom Watson.** (95 days.) Produces melons 16 to 22 in. long and 8 to 10 in. in diameter. The dark green rind is thin but tough; stands shipping well.

### CITRON

**Citron (Red Seeded).** (95 days.) Fruits globe-shaped; 7 in. in diameter; medium green; smooth, very hard; flesh white. Pkt. 10c., oz. 35c.



Muskmelon, Hearts of Gold

**Netted Gem or Rocky Ford.** (92 days.) Well known and widely used variety. Fruits small, oval, about 5 inches long,  $4\frac{1}{2}$  inches in diameter; show no ribbing, entirely covered with uniform netting. Flesh thick, green, sweet and juicy.

**Pride of Wisconsin.** (90 days.) Orange flesh, solid and thick, with small seed cavity, very sweet and of fine flavor. A good variety for home gardens and short distance shipping.



New Hampshire Midget Watermelon

## SEEDS OF CULINARY, FRAGRANT AND MEDICINAL HERBS

Prices subject to change without notice.

	Pkt.	Oz.
Anise. Aromatic seeds.....	\$0.15	\$0.50
Basil, Sweet.....	.15	.80
Caraway. For flavoring.....	.15	.60
Chives. Fine for flavoring.....	.15	1.25
Corlander. Aromatic.....	.15	.75
Cress, Curled, or Peppergrass.	.15	.35
Dill. Used in vinegar.....	.15	.25
Fennel, Sweet.....	.15	1.50
Lavender. Fragrant.....	.15	1.50
Marjoram, Sweet.....	.15	1.00
Rosemary.....	.15	1.50
Sage. Culinary value.....	.15	1.75
Savory, Summer.....	.15	1.00
Thyme. For seasoning.....	.15	1.25
Watercress.....	.15	1.00

# ONIONS

For Large Commercial Growers and for Home Gardens

This very important vegetable crop requires a rich soil. Seed sowing should be done just as early in the Spring as possible. Sow the seed thinly in drills at least a foot apart, covering to a depth of not more than  $\frac{1}{2}$  inch. Tamp down the soil firmly so that it will lie in close contact with seed and thus insure better germination. Frequent cultivation is very necessary as well as occasional applications of fertilizer. One ounce of seed will sow 100 feet of drill, from 4 to 5 lbs. to an acre. Onions, according to variety, take from 90 to 120 days from seed to crop.

**Southport Yellow Globe or Brigham Yellow Globe.** (110 days.) Valuable standard yellow variety, particularly for its uniform, attractive shape and keeping qualities. A hardy, highly productive sort that makes a fine main crop shipping type. *Bulbs*—Medium sized, perfect globe shaped, excellent maturing type; flesh, tendency to be slightly yellowish, solid, fine grained, fairly strong but pleasant flavor; skin thick, and yellow in color. Pkt. 10c., oz. 70c.,  $\frac{1}{4}$  lb. \$2.15, lb. \$7.50.

**Danvers Yellow Globe.** (110 days.) A splendid Yellow Globe type of a standard sort which matures earlier than many of the earlier yellow varieties. Valuable as a storage Onion. It also holds an important place in the home garden. *Bulbs*—Medium sized, round shaped, uniform in development, small neck; flesh, white with yellowish tint, solid, crisp, fine textured, fairly mild; skin, thick yellow in color. Pkt. 10c., oz. 70c.,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

**Sweet Spanish (Utah) Strain.** (110 days.) The Onions are of almost perfect globe shape, slightly flattened at the ends, and of a clear bright yellow. The flesh is of very mild, pleasant flavor. Pkt. 10c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.35, lb. \$8.50.

**Prizetaker.** (105 days.) Large yellow Onion of very handsome globe shape and mild flavor. Does not keep as well as Danvers. Pkt. 10c., oz. 70c.,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

**Southport Red Globe.** (110 days.) Large, perfectly round, deep red Onion, keeps well and is the best red variety. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.60, lb. \$5.30.

**Large Red Wethersfield.** (100 days.) Very large, deep red, flat. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.60, lb. \$5.30.

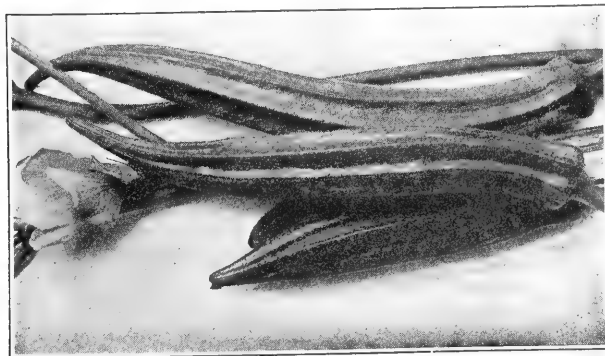
**Southport White Globe.** (110 days.) Largest and finest white Onion. Does not keep as long as the Yellow variety; excellent for Fall markets. This variety is also a splendid bunching Onion. Pkt. 10c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50, lb. \$9.00.

**White Portugal or Silver Skin.** (105 days.) (For Bunching.) Flat, white Onion of mild flavor and early. Excellent for pickling and early green Onions. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$6.00.

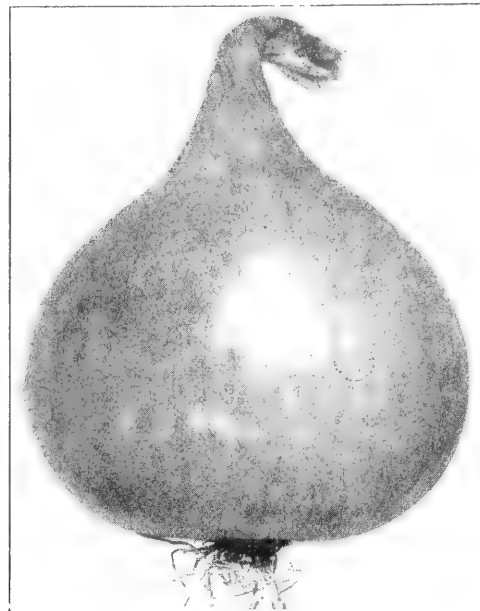
**Early Yellow Globe.** (105 days.) The best early Onion. Nearly globe shape, deep yellow in color and a good tight skin. Pkt. 10c., oz. 70c.,  $\frac{1}{4}$  lb. \$2.25, lb. \$8.00.

## TEXAS GROWN ONION PLANTS

Texas unirrigated field grown Onion Plants are hardy and mature quicker, 100 plants producing one bushel of marketable Onions. We offer Crystal Wax Bermuda, Yellow Bermuda, and Sweet Spanish. Bunch of about 50 to 100 plants 25c.



Okra



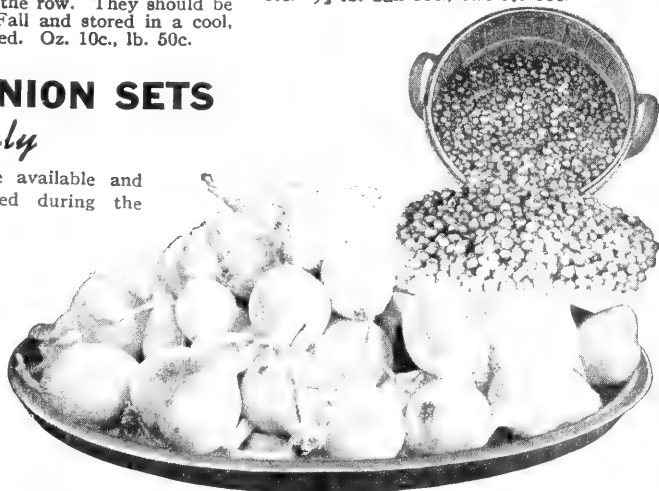
Danvers Yellow Globe

## GARLIC BULBS

As an appetizing dash for flavoring for soups and stews, many people use small quantities of this pear-shaped white bulb. In large amounts it has a strong odor and flavor. To grow Garlic in the garden, the several sections or "cloves" of each bulb should be separated and set in rows 10 or 12 inches apart and 4 inches apart in the row. They should be taken up in the Fall and stored in a cool, dry place until used. Oz. 10c., lb. 50c.

## Plant ONION SETS Early

Onion Sets are available and should be planted during the month of April. During the cool Spring weather they will make their best growth and early planting insures a crop which may be used throughout the Summer months.



## BUNCHING TWINE

Jute and cotton in reels and balls for bunching Beets, Carrots, Radishes, Onions, Celery, etc.  $\frac{1}{2}$  lb. ball 35c., two for 55c.

## ONION SETS

Write for Prices  
(32 lbs. to bushel)

Our Onion Sets are produced in the best Set growing sections from our own pure-bred seed. Careful cleaning, sizing, and packaging at time of shipment, make for arrival in customers' hands in prime condition.

**Ebenezer and White.** Market price. Postage extra.

## OKRA

The pods are valuable for cutting in soups, stews, catsup and other relishes. Also used as a vegetable when pods are young. A packet will sow 15 feet of row, one ounce 50 feet. Thin plants to stand 18 inches apart in the row.

**Perkins Mammoth Pod.** (56 days.) Plants dwarf, prolific; produces long, slender, deep green pods. A fine market sort. Pkt. 10c. oz. 25c.,  $\frac{1}{4}$  lb. 55c.

# PEAS

One quart will plant about 100 feet of drill

Peas do best in a light, rich soil; for private use sow in double rows 6 to 8 inches apart, the rows 2 to 4 feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as soon as the ground can be worked in March; continue for a succession every two weeks until June. A good crop can be secured by sowing the extra early sorts in August for Fall use. The wrinkled varieties are not as hardy as the small round sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored.

Prices of Peas unless otherwise noted are as follows:  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.80.

## EXTRA EARLY PEAS

**Alaska.** One of the very earliest blue Peas; quite productive. Lb. 30c.

## EARLY WRINKLED SEEDED PEAS

**Little Marvel.** (63 days.) Universally popular. The 18 in. vines bear a heavy crop of dark green, nearly round, square-ended pods, 3 in. long, which are tightly packed with 7 or 8 large, deep green Peas of the most delicious flavor. Heavy yield, high quality, attractive appearance and good carrying ability all combine to make Little Marvel a most desirable early wrinkled-seeded Pea for home, market and freezing. Lb. 45c.

**Laxtonian.** (65 days.) 18 inches. This is one of the very best dwarf wrinkled Peas. The vines are productive and vigorous, producing pods about 4 inches long and filled with delicious tender Peas. Lb. 45c.

**Nott's Excelsior.** (62 days.) Early, dwarf, prolific. Vines 16 to 18 in. tall and extremely prolific. The plump straight pods are 3 in. long, blunt-ended and thickly filled with 5 to 7 large round Peas of a deliciously sweet and delicate flavor. One of the most popular early, dwarf Peas with home gardeners for quality and productiveness.

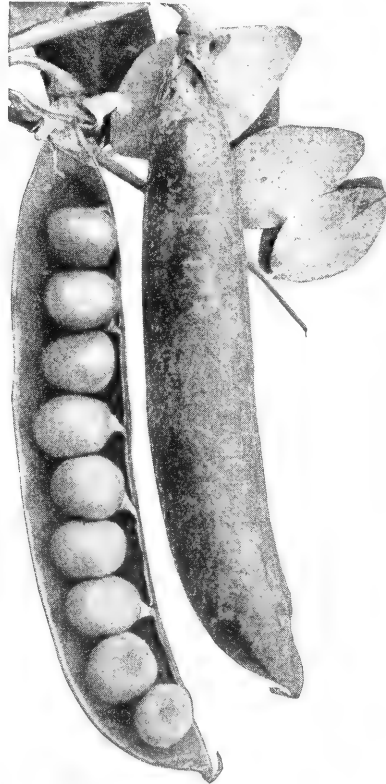


Peas, Little Marvel

**Blue Bantam.** (64 days.) Our largest seller.

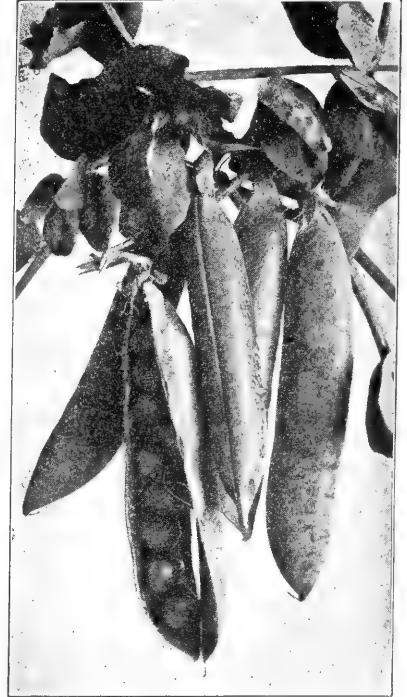
There is no better, sweeter, more delicious Pea for home garden and market than Blue Bantam—large, dark green pods, fine quality, heavy yield, reasonable earliness, and long bearing season. Plants are 15 to 18 in. tall, with coarse, dark green foliage, often branched. Pods are 4 in. long, very dark green, pointed and rather slender, containing 7 to 9 large, sweet, deep bluish green Peas of a distinctly superior flavor. Lb. 45c.

**Premium Gem.** Valuable home garden variety. Vines medium green. Pods medium green; plump, straight; blunt ended. Seeds medium sizes, green, wrinkled.



Peas, Laxton's Progress

**Wando Peas.** (68 days.) Bred for tolerance to heat and cold. Pods are dark green, blunt and well filled with 7 or 8 tender, medium size peas. Vigorous and prolific vines 2 $\frac{1}{2}$  ft. tall. Pkt. 15c.,  $\frac{1}{2}$  lb. 35c., lb. 60c.



Peas, Blue Bantam

**Laxton's Progress.** (62 days.) 18 inches. Introduced from England as an Improved Laxtonian and considered by most experts as the finest early dwarf wrinkled Pea. Most productive, averaging 9 to 10 dark green Peas of luscious flavor in every pod. Lb. 45c.

**Improved Thomas Laxton.** (57 days.) We consider it one of the very best extra-early large-podded Peas. It is ready to pick in 57 days, a week to ten days after our Improved Alaska. It is of excellent quality, richly flavored, and the pods are packed solid with large Peas, usually eight in a pod. It yields very heavy, and in every way is extremely desirable for home or market use. Do not confuse our Improved Thomas Laxton with the regular Thomas Laxton generally offered, for our Improved strain is far superior in size, quality, and yield.

**World's Record.** (58 days.) 30 inches. An enormously popular, large-podded, extra-early wrinkled Pea, maturing several days earlier than the well-known Gradus. Pods are uniformly large, measuring 4 $\frac{1}{2}$  to 5 inches, nearly round and packed with handsome, wrinkled Peas of the finest flavor.

**Gradus or Prosperity.** (58 days.) A popular second early, large podded variety. Vines medium green, stocky; pods single, broad, plump, pointed, containing 8 to 10 large, sweet, delicious Peas. Seed wrinkled.

Because of the rapidly increasing interest in frozen pack vegetables, we are listing varieties of Peas which at the present time seem to be favored for quick freezing:

<b>Gradus</b>	<b>Thomas Laxton</b>
<b>Hundredfold</b>	<b>Morse Market</b>
<b>Laxtonian</b>	<b>Telephone</b> (dark podded)
<b>Little Marvel</b>	<b>Improved Stratagem</b>

# PEAS

Prices of Peas unless otherwise noted are as follows:  $\frac{1}{4}$  lb. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.80.

## MEDIUM CROP PEAS

**Lincoln.** (70 days.) The Sweetest Midseason Pea.  $2\frac{1}{2}$  ft. A favorite of ours for many years and still one of the best main crop varieties, especially for the home garden. The handsome dark green pods are slender, 3 to  $3\frac{1}{2}$  in. long, and closely packed with 8 to 9 Peas of medium size and superb quality. They mature several days before Alderman and are produced in pairs near the top of the vines so that they can be easily picked.

In our opinion this is one of the most delicious Peas grown and we always plant an extra lot for our own use. If you have not grown Lincoln, try some in your garden this year. They are wonderful for both canning and freezing. 45c. lb.

**Dwarf Telephone.** (70 to 75 days.) Very satisfactory for home, market garden. Vines 24 in. tall, thrifty; deep green. Pods deep green;  $4\frac{1}{2}$  in. long,  $\frac{3}{4}$  in. wide; plump, tapered at end. Seeds large, wrinkled, green. Lb. 45c.

**Improved Stratem.** (77 days.) Wilt resistant. Splendid home and market garden variety. Vines 30 in. tall, dark green. Pods dark green;  $4\frac{1}{2}$  in. long;  $\frac{7}{8}$  in. wide; plump; straight; tapered at end. Seeds large, squarish, wrinkled, green; interior green.

## TALL MAIN-CROP WRINKLED

**Alderman.** (75 days.) 5 ft. Mid-season. Comes into bearing a little later than Thomas Laxton. Larger and more prolific. Excellent quality, squarish, wrinkled, green, interior green.

**Improved Telephone.** (76 days.) Late. Medium green vine, 60 to 70 in. high, with  $5\frac{1}{2}$  in. pods, darkish green, pointed, slightly curved, and thick walled, containing 8 to 10 tender sweet Peas of best quality. Fine for home and market gardens and shipping, wrinkled; cream and green, interior yellow.

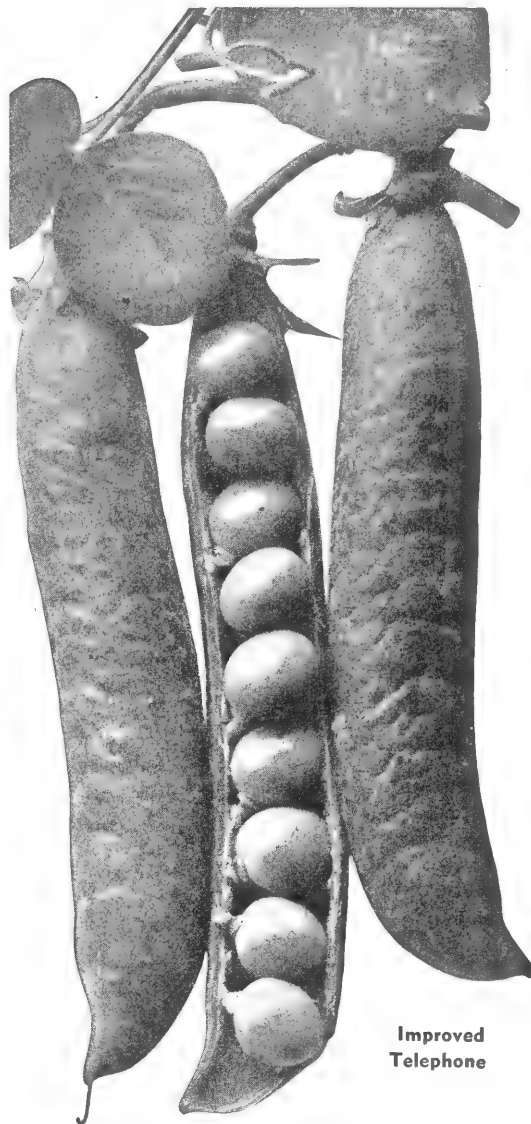
**Freezonian.** (62 days.) A uniform Thomas Laxton type. Excellent quality fresh, frozen or canned. Vine 28 to 30 in., dark green, vigorous, prolific, resistant to fusarium wilt. Pods dark green,  $3\frac{1}{2}$  in. long, containing 6-8 medium to dark green, large Sweet Peas.

## SUGAR PEAS (Edible Pods)

When the Peas start to develop in the pod or have reached about half their full size the pods are gathered, broken and cooked like String Beans.

**Mammoth Melting Sugar.** (75 days.) Well-known, productive, tall growing variety. The fleshy, tender, 3 to  $3\frac{1}{2}$  in. pods are very light green, broad and blunt-ended, sweet and delicious. White seeded. Vines grow 4 to 5 ft. tall. Lb. 45c.

**Dwarf Gray Sugar.** (65 days.) Pods  $2\frac{1}{2}$  to 3 in. long, light green, curved; sweet and tender. Plants grow 2 to  $2\frac{1}{2}$  ft. high; very prolific. The earliest and dwarfest growing, so that it takes up little garden space. Lb. 45c.



Improved Telephone

# PARSLEY

Parsley seed is even slower than Parsnip in germinating. It grows best in rich, mellow soil and should be sown as early as possible in Spring in rows 1 to 2 feet apart with a covering of not more than  $\frac{1}{2}$  inch of soil firmly pressed down. When the plants are well up, thin them 8 to 12 inches apart in the row.

**Paramount** (Silver Medal). (85 days.) A fine Parsley of the triple-curved type, of unusually dark green color. It is remarkably uniform, has a good stout stem for bunching and will not tip-burn or burn brown at the edges with age or in cool Fall weather. The plants grow about 12 in. high when thinned and have a spread of about 20 in. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Moss Curled** (Triple Curled). (80 days.) A compact plant with dark bright green leaves, exceedingly finely cut and curled, giving the appearance of a dense piece of moss. Very desirable for garnishing, and for decorative purposes. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 70c.

**Hamburg** (Parsnip-Rooted). (90 days.) This variety is grown for its long, tapering roots, which are used for flavoring soups, stews, etc. The leaves are not curled. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 70c.

# PUMPKINS

Plant in May or June, in hills 8 by 8 feet apart, or drop 5 or 6 seeds in every fourth hill in the cornfield. Thin to the best two plants in a hill. Use 1 oz. for 25 hills, 3 to 4 lbs. are needed to plant 1 acre.

**Small Sugar or Pie.** (108 days.) This variety is small, round, somewhat flattened. 8 to 10 in. in diameter, slightly ribbed, of a deep orange color, and a good keeper. The flesh is a rich deep yellow, fine grained and very sweet. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Orange Winter Luxury.** (100 days.) This strain has deep orange skin and orange yellow flesh. Very fine quality. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Connecticut Field.** (118 days.) Very productive, large, orange colored field Pumpkin; a little deeper than round and slightly flattened. Extensively grown between Corn for stock. Flesh is rich orange-yellow, fine grained, and highly flavored. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

# PARSNIPS

Sow seed in early Spring in drills 15 inches apart and  $\frac{1}{2}$  inch deep in well dug, rich soil. Keep crust from forming and cultivate often. Thin to stand 4 inches apart. Roots improve by being left in ground until next Spring. One ounce of seed to 200 feet of drill, 5 to 6 lbs. to an acre.

**Hollow Crown.** (Thick Shoulder.) Roots 12 to 15 in. long, 3 in. thick at shoulder; tapered; smooth and straight and of fine quality. We have a fine strain of this popular variety. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Smooth White.** A very white smooth Parsnip. Hollow-crowned but well filled out at sides. Oz. 30c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.00.

# PEPPERS

Peppers revel in rich soil and an abundance of moisture. Start seedlings in hotbed about March 1 and transplant to garden about middle of May, 15 to 18 inches apart in rows 18 to 30 inches apart. Sow 1 ounce to produce 1000 plants, 8 ounces an acre; 11,000 to 12,000 plants an acre.

**Bull Nose, Sweet.** (62 days.) Fruit blunt 4-lobed, deep green, changing to bright red, 3 in. long and  $2\frac{3}{4}$  in. in diameter. For home and market. Pkt. 10c., oz. 85c.,  $\frac{1}{4}$  lb. \$2.90.

**California Wonder.** (75 days.) Fruit mostly 4-lobed,  $4\frac{1}{2}$  in. long and  $3\frac{3}{4}$  in. in diameter, sweet, deep green changing to bright crimson. The outstanding medium-late variety for market garden and shipping. Pkt. 10c., oz. 85c.,  $\frac{1}{4}$  lb. \$2.60.

**Giant Crimson.** (Sweet.) (85 days.) Popular home and market sort. Plants large, thrifty and fairly productive. Fruits very large; commonly 5 to 6 in. long and 4 in. through; slightly tapered; deep green, becoming deep crimson; mild and sweet throughout. Pkt. 10c., oz. 80c.,  $\frac{1}{4}$  lb. \$3.00.

**Harris' Early Giant.** (Sweet.) (63 days.) The best very early sweet Pepper for home and market gardens, particularly in the North. Plants vigorous, erect, extremely prolific. Fruits large,  $4\frac{1}{2}$  in. long,  $3\frac{1}{2}$  in. through, very slightly tapered; deep green becoming brilliant red; sweet throughout. Pkt. 10c., oz. 85c.,  $\frac{1}{4}$  lb. \$2.90.

**Red Chill.** (Hot.) (85 days.) Fruits  $1\frac{3}{4}$  in. long. Cone-shaped bright red and very hot. Pkt. 10c., oz. 80c.,  $\frac{1}{4}$  lb. \$2.75.

**Long Red Cayenne.** (70 days.) Fruit tapering and often twisted, 5 in. long and  $\frac{3}{4}$  in. in diameter, very pungent, deep green changing to brilliant red. A favorite "hot" variety for canning, pickling and drying. Pkt. 10c., oz. 80c.,  $\frac{1}{4}$  lb. \$2.50.

**Pimiento.** (73 days.) Smooth fruit, tapered to a point,  $3\frac{1}{2}$  in. long,  $2\frac{1}{2}$  in. in diameter, dark green changing to bright crimson. Flesh exceptionally thick, sweet, and mild. Very desirable for canning, also for home and market gardens. Pkt. 10c., oz. 85c.,  $\frac{1}{4}$  lb. \$2.75.

**Red Cherry.** (82 days.) Round, pungent and hot, smooth, solid fruit 1 by 1 in., deep green changing to deep scarlet. Popular for use in pickles. Pkt. 10c., oz. 70c.,  $\frac{1}{4}$  lb. \$2.50.



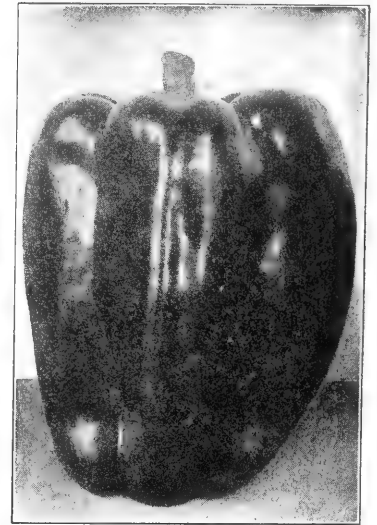
Radish, Scarlet Globe

**Oakview Wonder.** (63 days.) Developed from California Wonder, is at least a week earlier. It has slightly smaller but blockier and more symmetrical fruits. The bush of Oakview Wonder is more compact and not so tall as the parent strain, the crown is usually heavier, and later settings are more abundant. Oakview Wonder has the thick walls and high quality of California Wonder, and its exceptional uniformity, earliness, and high yield have already made it a favorite among market growers and truckers. Pkt. 10c.,  $\frac{1}{2}$  oz. 50c., oz. 85c.,  $\frac{1}{4}$  lb. \$2.90.

**Ruby King.** (69 days.) Fruit usually 3-lobed, 5 in. long, diameter 3 in., deep green becoming ruby-red when ripe. A fine sweet Pepper often producing 10 to 15 fruits per plant. Pkt. 10c., oz. 85c.,  $\frac{1}{4}$  lb. \$2.50.

**Large Sweet Spanish.** (80 days.) Popular for home and market garden. Plants large, upright, heavily productive. Fruits 6 to 7 in. long,  $2\frac{1}{4}$  in. through; very slightly tapered; dark green becoming rich red; sweet throughout. Pkt. 10c., oz. 80c.,  $\frac{1}{4}$  lb. \$3.00.

**World Beater.** (75 days.) Smooth fruit 5 in. long and  $3\frac{1}{2}$  in. in diameter, 4-lobed, glossy green becoming bright red at maturity; bright, thick, sweet flesh. An excellent large sort for all gardens and shipping. Pkt. 10c., oz. 80c.,  $\frac{1}{4}$  lb. \$2.50.



Pepper, California Wonder

## SALSIFY, or OYSTER PLANT

*One ounce will sow 50 feet of drill*

Sow early in Spring, in drills 15 inches apart and 1 inch deep, thinning out the young plants to 6 inches. The roots are used same as Carrots. Salsify is very hardy and can be left in the ground until Spring.

**Mammoth Sandwich Island.** Resembles Parsnips; very mild. Pkt. 10c., oz. 55c.,  $\frac{1}{4}$  lb. \$1.75.

# RADISHES

Radishes must grow quickly to be good, especially the small early sorts. The soil should therefore be thoroughly prepared. Start to sow right after frost is gone, at intervals of 10 days or so to insure a constant supply. Thin to 24 plants to the foot. If crowded, they run to leaves without making roots. Many gardeners sow the early sorts in the rows of slow-growing crops. The Summer and Winter varieties should be thinned to six to the foot; Winter varieties should not be sown until August. One ounce will sow 100 feet of row, 8 lbs. will sow an acre in drill, 12 lbs. broadcast. Our Radish Seed is strictly of the finest grade, being grown from carefully selected and transplanted roots.

**Price of Radish Seed as follows:**  
Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50

**Cavalier.** A highly colored and very attractive variety for all purposes, and especially for shipping. Tops small; roots oblong-globe, slightly longer than broad, very firm, and of bright, almost true scarlet color. Especially adapted for growing on muck land.

**Crimson Giant.** (28 days.) It is always tender, crisp and of mild flavor. It remains in perfect condition for a long time. Color a beautiful crimson. It will force well.

**Early Long White Icicle.** (27 days.) The flavor is very mild, and it is invaluable for slicing. The top is short; flesh very crisp and tender; very attractive when bunched. Remains in prime condition for eating for fully two weeks.

**Early Scarlet White Tip.** (26 days.) Grows round and very symmetrical and uniform in shape; color a bright scarlet, white tip.

**Early Scarlet Globe.** (24 days.) An excellent forcing variety and well adapted for field culture, roots globular with small top, bright scarlet, crisp, tender and of fine quality.

**French Breakfast.** (25 days.) A popular early variety. Roots oblong, dull scarlet, with white tip,  $1\frac{1}{2}$  in. long,  $\frac{3}{4}$  in. thick. Flesh white and crisp. Extensively used for forcing.

**Long Scarlet Short Top.** (27 days.) A standard sort for market and private gardens, roots 5 to 6 in. long, smooth, crisp, and tapering.

### WINTER VARIETIES; \$1.60 lb.

**Chinese Rose Winter.** (52 days.) A popular sort, with cylindrical, blunt, smooth roots 5 to 6 in. long and 2 in. in diameter. Bright rose-red with white, firm, pungent flesh.

**Long Black Spanish.** (57 days.) A good keeper. Roots cylindrical, slightly tapered 7 to 9 in. long, 2 in. in diameter. Black skin. Flesh white, solid, and pungent.

**Round Black Spanish.** (56 days.) A round Winter sort, somewhat top-shaped about 3 to 4 in. in diameter. Flesh white, crisp, of strong flavor.

**White Chinese Winter or Celestial.** (60 days.) Roots large,  $2\frac{1}{2}$  to 3 in. in diameter, and from 6 to 9 in. long, oval with blunt base. It is clear white and crisp but not as pungent as other Winter varieties

# SPINACH

## Rich In All Health Giving Properties



Spinach, King of Denmark

**Price of Spinach unless otherwise noted is as follows: Pkt. 10c., oz. 15c., ¼ lb. 30c., lb. 85c.**

**Bloomsdale Long Standing Savoy.** More compact in growth and a deeper green color than other Savoy varieties. It will stay in prime condition for cutting two weeks longer than many other varieties.

**Giant Thick-leaved.** A strong-growing early market variety; large, thick leaves, deep green color. The best for Spring or Fall sowing.

**Bloomsdale Dark Green (Savoy).** (40 days.) Very early for home and market gardens. Leaves large; blistered and crumpled; rich deep glossy green.

**King of Denmark.** Leaves are large, rounded and of a deep green color, and remain in good condition a week after some varieties have gone to seed. It has quite a butter flavor.

**New Zealand.** Ready for use in about 10 weeks from sowing. This variety may be cut and comes back again all Summer. The leaves are very small. ¼ lb. 35c., lb. \$1.10.

**Virginia Blight-Resisting Savoy.** (39 days.) A mosaic-resistant variety. Plants vigorous, upstanding. Leaves somewhat smoother than other strains of Savoy, but will withstand heat better.

### SQUASH VINE BORER

Butternut variety does not seem to be attacked by the vine borer. On other varieties four applications of 1% Rotenone at weekly intervals starting about June 25th will give good control.

# SQUASH

Squash grows best in a fertile, deep soil. The bush varieties are grown in rows or in hills spaced 4 by 4 feet. The running sorts are spaced either 8 by 8 or 10 by 12 feet. Sow the seed after all danger of frost has passed. One ounce suffices for about 25 hills; 3 to 4 lbs. are needed per acre.

**All Summer varieties, oz. 35c., ¼ lb. 95c. Winter varieties, oz. 35c., ¼ lb. \$1.00.**

**Blue Hubbard.** Of true Hubbard shape with rich blue-green skin and bright orange flesh of fine flavor.

**Zucchini (Dark Green).** (65 days.) Fruits: Smooth, cylindrical, rich dark green. No striping or mottling.

**Uconn.** (75 days.) Recently introduced bush type Squash with acorn shaped fruits, somewhat similar to Table Queen but smaller in size. When young, fruits are smooth light green, becoming orange when over mature.

**Delicious.** Green skin; orange flesh; fine grained; sweet and dry.

**Golden Delicious.** (103 days.) In shape, size and season, similar to Delicious; red orange color exterior.

**Italian Marrow or Cocozelle.** (65 days.) Fruits dark green, becoming yellowish at maturity, 6 to 8 in. long, 3 in. in diameter. Flesh pale green, thick, firm, tender, of excellent tasty quality. Very popular.

**Butternut.** (100 days.) A recent introduction which has become very popular. Fruits 10 to 12 in. long with neck of about 4 in. diameter which is solid flesh; the small seed cavity is located in the lower bowl-shaped end. Skin light creamy brown; flesh yellow, fine grained and of excellent quality. Delicious when used for pies and excellent either baked or boiled. Matures early and is a good keeper. Pkt. 10c., oz. 30c., ¼ lb. 95c., lb. \$3.25.

**Early White Bush Scallop.** (53 days.) Also called Cymling and Patty Pan. Fruits white, scalloped, flattened and smooth, 8 in. in diameter by 3 in. thick, weighing 2½ lbs. A valuable and popular early sort for home market, and shipping.

**Summer Crookneck.** Fruits about a foot long, moderately warted and of a bright yellow color.

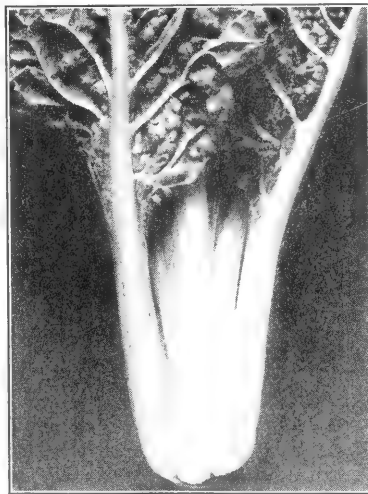
**Summer Straightneck.** Fruits about 18 in. long, deep orange color and intensely warted.

**Large Table Queen.** (All-America Award.) Weighs about 1½ lbs. and is acorn-shaped, deeply furrowed, and golden yellow on the outside. The flesh is rich yellow, dry and mealy, and of delicious flavor. The vines yield prolifically, and the fruit matures early.

**Hubbard (Green).** (105 days.) Fruit pointed, slightly warted, dark green, 12 in. long 9 in. in diameter, weighing 10 to 12 lbs. Flesh thick, orange, dry and sweet.

**Golden Hubbard.** Similar to the old-fashioned Hubbard in size and form. Skin rich deep orange.

**Buttercup.** (100 days.) Distinct, outstanding Winter Squash; very dry and of pleasing flavor. Unique, turban-shaped fruits, 6 to 8 in. in diameter; deep, dull green, faintly striped and flecked with dull gray; prominent button at blossom end. Flesh deep golden yellow and fine grained. Oz. 35c., ¼ lb. \$1.10, lb. \$3.80.



Swiss Chard

### SWISS CHARD

Produces greens only. Sow the seed early in drills 1½ feet apart and 1 inch deep. Oz. 20c., ¼ lb. 50c.

**Large Ribbed, Dark Green.** (60 days.) The smooth or slightly crumpled leaves are dark glossy green stem and midribs clear white, broad, and comparatively thick. Oz. 20c., ¼ lb. 50c.

**Lucullus, Dark Green.** The fleshy crumpled leaves of this variety make very choice greens. Plant erect; stems rounded and finely ribbed, foliage rich, deep green. Oz. 20c., ¼ lb. 50c.



Hubbard Squash

# TOMATO

Sow the seed in February or March in a hotbed, greenhouse or in shallow boxes in the house. When plants are about 2 inches high, transplant to 4 inches apart. Transplant in the open ground after all danger of frost is past, 3 to 4 feet apart each way. Cultivate frequently. When plant has reached a height of 5 feet, cut off the top. When three or four clusters of fruit have formed and some of the fruit is as large as a silver dollar, prune the leaves at the base one-half, as this hastens ripening. Once a month apply sheep manure around each plant. One ounce will produce 2,000 to 3,000 plants, 2 to 3 ounces for an acre; 35 to 40 plants to 100 feet of row.

**Bonny Best.** (73 days.) A fine early variety, smooth, solid and uniform, color bright red. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**Dwarf Champion.** (78 days.) Pink. Strictly dwarf and tree-like. Ideal for limited space. Fruits: purplish-pink, medium sized, flattened globe-shaped. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**Earliana.** (64 days.) Particularly valuable for home garden and early market. Fruits medium size; flattened globe shape; deep scarlet-red; firm and smooth. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**Golden Queen.** (84 days.) Fruit large solid, golden yellow. Excellent flavor. Pkt. 10c., oz. 85c., ¼ lb. \$3.00.

**John Baer (True).** (70 days.) The earliest and best Tomato. Fruit solid. Color, bright red. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**Marglobe.** (77 days.) Red. We offer a superb strain of this type in point of earliness, uniformity, and general desirability. This valuable shipping variety is especially recommended for use in sections infested with Fusarium Wilt, and Nailhead Rust, but performs equally well in most large tomato growing sections. One of the leading varieties. Oz. \$1.00, ¼ lb. \$3.50.

**Ox Heart.** (90 days.) Very popular late home garden variety. Fruits very large, often weigh 1 to 2 lbs. or more; heart-shaped; pink; flesh solid with few seeds, of mild flavor, and very choice for salads. Pkt. 10c., oz. \$1.75, ¼ lb. \$6.00.

**Ponderosa.** (Also known as Beefsteak.) (85 days.) One of the best for home use. Fruits deep purplish-pink; extremely large, commonly 9 to 12 oz. each; deep, but flat; very fleshy with few seeds; of very mild flavor. Pkt. 10c., oz. \$1.75, ¼ lb. \$6.00.

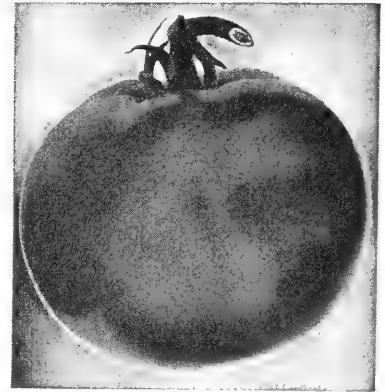
**Pritchard (Scarlet Topper).** (75 days.) Very promising heavily productive wilt resistant introduction of superior merit for home and market garden, shipping and canning. Fruits large, globe-shaped, scarlet and well colored about the stem end; flesh firm and of fine quality. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**Rutgers.** (86 days.) A recent development introduced by the New Jersey Agricultural Experiment Station. Fruits medium to large, similar in shape to Marglobe, but slightly more flattened. Highly recommended as a second early maturing variety for canning and Tomato juice. Pkt. 10c., oz. 85c., ¼ lb. \$3.00.

**Stone.** (86 days.) Uniformly oval, very solid and smooth. An old standby from certified stock. Pkt. 10c., oz. 85c., ¼ lb. \$3.00.

**Valliant.** (68 days.) An extra-large early market variety producing brilliant scarlet fruits of the globe type. It has a rather sparse, open vine, and therefore should mature most of its crop before the extreme heat. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**San Marzano.** Large fruited. Deep red; 3½ in. long, 1½ in. thick; elongated, flat sided, two celled, thick flesh and little or no juice; very milk flavor. Used for canning, solid pack, tomato paste, and puree.



Tomato, Marglobe

**Stokesdale.** (70 days.) A second early scarlet fruited variety maturing about a week earlier than Marglobe. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

**Victor.** (65 days.) In season with Earliana but matures a large proportion of its fruit during the first few weeks of picking. Fruits about 3 inches in diameter, globe-shaped or slightly flattened, smooth, and ripen to full deep scarlet. Recommended as a first early market variety and for the home garden. Pkt. 10c., oz. \$1.00, ¼ lb. \$3.50.

## FOR TOMATO BLIGHT

For the control of early and late blight on Tomatoes, use C-O-C-S Tomato Dust. Lb. 45c., 5 lbs. \$1.15, postpaid.

## CRAG HERBICIDE

Prevents weeds before they grow. For use in perennial flowers, shrubs, strawberries, beans, corn and asparagus. 4 oz. can treats 3,000 sq. ft. \$1.50

# TURNIPS

One ounce will sow 150 feet of drill

For early crop sow in Spring as soon as the ground can be worked, and again in July and August in drills ½ inch deep and 18 inches apart; thin out to 6 inches in the row. Sow Rutabaga in June and July in drills 2 feet apart; thin out to 9 inches in the row. Turnips do best in a rich, light soil.

The price of Turnips, unless otherwise noted, is as follows: Pkt. 10c., oz. 15c., ¼ lb. 30c., lb. \$1.00.

**Large Amber or Yellow Globe.** (76 days.) Roots globular, 5 in. in diameter, smooth and yellow. Flesh light yellow, firm, and tender. Tops medium size with cut leaves. Popular for home gardens and also for stock feed.

**Purple Top White Globe.** (60 days.) An early variety, globe-shaped. A handsome early Turnip for market garden purposes.

**Purple or Strap-Leaved Flat.** (46 days.) Roots flat, purple at top, white below, 3 to 5 in. in diameter and 1½ in. thick. Flesh white, fine-grained, and tender. Tops medium small and compact. A very productive early variety for home and market garden.

**Cow Horn.** (65 days.) A long, white, Carrot shaped Turnip, which grows half out of the ground. Mostly used for feeding stock, but makes a fine table sort.

## RUTABAGA (Swedish Turnip)

The roots are close grained, very hard, and will endure a considerable degree of cold without injury. Sow from 20th of June to the middle of July, in drills 3 feet apart and thin out to 8 inches.

**Improved American (Purple Top).** (90 days.) The leading variety, very hardy and productive. Flesh yellow, solid, sweet and finely flavored. Equally good for stock or table use. Pkt. 10c., oz. 20c., ¼ lb. 40c.

**Laurentian.** (90 days.) A strain of Purple Top Swede, much preferred in Canada. Tops short, practically neckless. Roots large, spherical, purplish-red above ground, light yellow below. Flesh creamy yellow, firm, mild and sweet. Excellent for shipping or storage. 1 oz. 30c., ¼ lb. 45c.

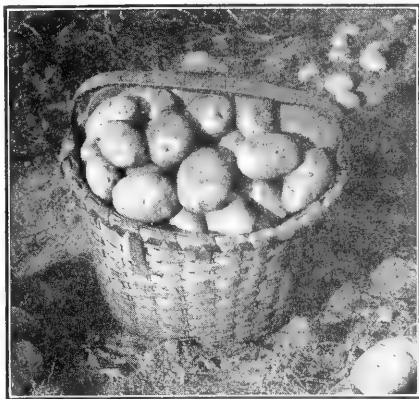


Turnip, Purple Top White Globe



# CERTIFIED SEED POTATOES

Grown Especially for Seed Purposes—Plant 10 Bushels to the Acre  
MARKET PRICE



Chippewa

### Certified Grown CHIPPEWA

Their smooth appearance and fine table quality give them preference over all other varieties for Spring planting. Since we introduced the Chippewa Potato, it has been a continuous winner at State and County Fairs.

This outstanding Potato was developed by the U. S. Dept. of Agriculture with the object in view of having a Potato with the general features of the Cobbler, extra earliness, but with shallow eyes, instead of the deep eyes of the Cobbler. Chippewa is resistant to disease, and in official tests from Maine to Florida it has yielded consistently higher than Cobbler and Green Mountain. Don't fail to plant Chippewa Potatoes in your garden this Spring.

### Certified Grown GREEN MOUNTAIN

Has the reputation of making big crops and on practically any kind of soil, producing uniformly large, handsome, smooth, oval-shaped Potatoes with white skin, with very few small potatoes. Medium late. Not susceptible to disease.

### Certified Grown HOUMA

Originated by the United States Department of Agriculture. Matures about as early as the Chippewa and about a week earlier than Green Mountain. Tubers short and thick, glossy white, skin smooth, eyes very shallow except at bud end. Resistant to yellow dwarf and mosaic; also to heat injury. Adapted to the lighter soils and conditions favorable to the Green Mountain. In yield tests, it generally equals or exceeds the Green Mountain. Quality rating, excellent.

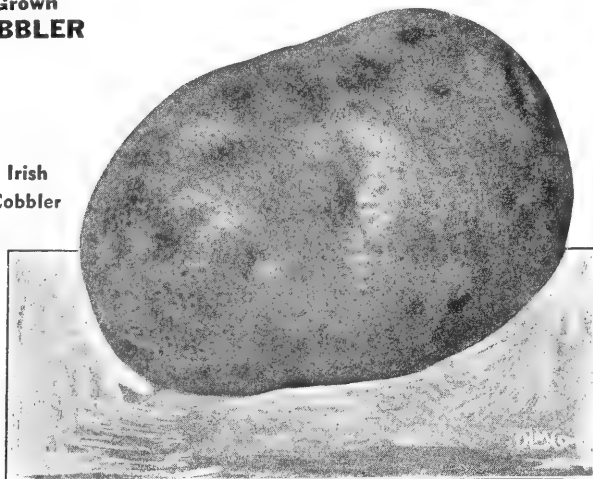
### Certified Grown IRISH COBBLER

The most outstanding variety for market gardeners. Earliest maturing and most dependable for both Spring and Summer planting.

Its popularity is due to its extreme earliness, making few, if any, very small Potatoes—practically all being medium to large size.

The tubers are round to oval in shape, slightly flattened, and have strong, well developed eyes.

Irish  
Cobbler



### Certified Grown KATAHDIN

#### The Long Keeping Potato

Originated by the U. S. Department of Agriculture and promises to become the outstanding medium late Potato for market or storage. Originated in Maine and in yields has consistently surpassed Rural New Yorker and Green Mountain, producing a much higher percentage of No. 1 Potatoes. The Katahdin produces a smooth tuber of excellent shape and the ability to maintain this desirable shape under adverse soil and climatic conditions is an important characteristic of this new variety.

This variety, like the Chippewa, has very shallow eyes, with crisp white flesh and distinctly desirable cooking qualities which appeals to the housewife. It is highly resistant to disease and one of the best keeping Potatoes on the market today. The Chippewa is about a week later than the Cobbler and Katahdin about 10 days later.

### Certified Grown RUSSETS

Late, has rusty skin and few eyes. One of the very best Potatoes, almost blight proof, vines very strong and vigorous and produce immense yields of handsome round, white Potatoes.

### Certified Grown RED BLISS

To those who prefer a Potato with a pink skin and white flesh, or those who grow for markets where this color is in demand we recommend Red Bliss. It is one of the very earliest, nearly round, peels without waste and a fine yielder. It is a sure and uniform cropper, a strong grower, is of good size, cooks white and mealy and measures up to every requirement of a first-class first early Potato. Its productiveness and fine quality commend it.

### Certified Grown SEBAGO

Originated by the U. S. Department of Agriculture. A high-yielding variety somewhat later than the Rurals. Smooth, white, shallow-eyed tubers thicker than Chippewa and of high table quality. Large, vigorous foliage resistant to heat and drought, also resistant to blight, yellow dwarf and scab. Especially desirable where blight occurs frequently or where spraying is omitted. Try a few of this new proved variety.

### Certified Grown WARBA

A seedling of Bliss Triumph from the Minnesota Experiment Station, with smooth white skin and pink eyes. Earlier than the Cobbler, a heavy yielder, and immune to mosaic disease. If your soil is not heavy we suggest trying a few Warbas for early market.

## DUST OR SPRAY YOUR POTATOES

Potato planters who grow for market all recognize the value of dusting or spraying; they know from experience the increased yield and the better quality of the Potatoes. For these same reasons, those who grow for their own use should spray. Spraying costs but little, but pays handsomely.

### FOR BUGS AND BLIGHT USE

- Potatox. Bugs and blight.
- COS Copodust. Blight only.
- COS Niatox 3 Dust. Bugs and blight.

### FOR BUGS ONLY

- Arsenate of Lead
- Paris Green
- DDT

### FOR BLIGHT ONLY

- Bordeaux
- Blue Stone
- Copper Solution



## SPECIAL GRASS SEEDS FOR ALL PURPOSES

### GRASS SEEDS FOR RECREATIONAL GROUNDS FAIRWAY MIXTURE

Composed of grasses that are deep-rooted, wear-resistant, and that give a healthy, even turf. Seed liberally for best results, 175 to 200 pounds per acre.

**Fairway Bent Mixture.** Lb. 95c., 25 lbs. \$21.25, 100 lbs. \$75.00.

### ATHLETIC FIELD MIXTURE

A formula developed especially for football, baseball, hockey, polo and cricket grounds. We have supplied this mixture for many years to schools and athletic fields and recommend it as the very best for such purposes. Lb. \$1.10, 25 lbs. \$25.00, 100 lbs. \$90.00.

### MIXTURE FOR THE ROUGH

Lb. 90c., 25 lbs. \$20.00, 100 lbs. \$70.00

### ATHLETIC AND AIRPORT BENT MIXTURE

Lb. \$1.25, 25 lbs. \$28.75, 100 lbs. \$105.00

### SPECIAL FORMULAS LAWN SEED

Agricultural extension departments, landscape gardeners and athletic directors sometimes prescribe special lawn grasses for difficult locations and sport fields. We are in position and invite inquiries on Special Grass Mixtures.

**Fancy Red Top.** A fine perennial grass with slightly creeping habits of growth, which adapts itself very well to all soil and conditions. Stands hot weather and hard usage. Fills in well with Blue Grass. Lb. \$1.25, 3 lbs. \$3.70, 5 lbs. \$6.00, 10 lbs. \$11.50, 25 lbs. or more, \$1.10 per lb.

**Red Top.** Fine quality. Lb. \$1.10, 3 lbs. \$3.25, 5 lbs. \$5.25, 10 lbs. \$10.00, 25 lbs. or more, 95c. per lb.

**Perennial Rye Grass.** Best for use in mixtures for nurse grass. Requires average soil conditions, makes good verdure in four weeks. Dies out in two or three years. Lb. 40c., 3 lbs. \$1.15, 5 lbs. \$1.75, 10 lbs. \$3.00, 25 lbs. or more, 25c. per lb.

**Astoria Bent (Cert. Blue Tag).** A comparatively new and distinct kind of grass. Spreads from underground root stalks, making a dense reinforced sod. A beautiful green color and a fine texture, making a desirable grass for lawns and putting greens. Lb. \$1.75, 3 lbs. \$5.20, 5 lbs. \$8.50, 10 lbs. \$16.50, 25 lbs. or more, \$1.60 per lb.

**Colonial Bent Certified Grass.** Very similar to Astoria Bent Grass. Lb. \$2.00, 3 lbs. \$5.95, 5 lbs. \$9.75, 10 lbs. \$19.00, 25 lbs. or more, \$1.85 per lb.

**Sea Side Bent (Certified).** Being offered under various names. Was first recognized in Oregon. A very desirable variety, being a vigorous creeper of rapid growth, forms a compact sward and suitable for putting greens. Lb. \$2.00, 10 lbs. \$19.00.

**Rye Grass, Domestic.** A mixture of English and Italian, grown in the United States. Lb. 30c., 3 lbs. 85c., 5 lbs. \$1.25, 10 lbs. \$2.00, 25 lbs. or more, 18c. per lb.

**Rough Stalked Meadow Grass or Poa Trivialis.** Used for more shaded portions of the lawn and north side of houses. Does best where soil is moist. Forms a fine turf and dense mat. Lb. \$1.10, 10 lbs. \$10.00.

**Fancy White Dutch Clover.** A small creeping perennial variety valuable for lawns. It grows rapidly, forming a close herbage and remains green throughout the season. It does well on all soils, especially where lime is present. Lb. \$1.25, 3 lbs. \$3.70, 5 lbs. \$6.00, 10 lbs. \$11.50, 25 lbs. or more, \$1.10 per lb.

**Kentish Wild White Clover.** An English variety that is more spreading and will grow on poorer soils than other varieties. It is permanent after once having been sown in Lawns or Pastures. About 1 lb. per acre when used with other seeds. Lb. \$2.50, 3 lbs. \$7.45, 5 lbs. \$12.25, 10 lbs. \$24.00, 25 lbs. or more, \$2.35 per lb.

**All Clovers weigh 60 pounds per bushel**

**Fancy Kentucky Blue Grass.** An ideal lawn grass, slightly creeping in habit, fine texture and permanent, improves each year. Prefers retentive, strong soils with moisture. Lb. \$2.00, 3 lbs. \$5.95, 5 lbs. \$9.75, 10 lbs. \$19.00, 25 lbs. or more, \$1.85 per lb.

**Kentucky Blue Grass.** Fine quality. Lb. \$1.85, 3 lbs. \$5.50, 5 lbs. \$9.00, 10 lbs. \$17.50, 25 lbs. or more, \$1.70 per lb.

**Merion B-27 Blue Grass.** A new lawn grass of exceptional merit. Dense, dark green turf, tolerates closer mowing than common Blue Grass; it is heat and drought resistant. Lb. \$5.00.

**Creeping Red Fescue.** Similar to Chewings, except that it has predominantly creeping habit of growth. Both types will succeed on poor droughty soil where other grasses fail. Lb. \$1.10, 3 lbs. \$3.25, 5 lbs. \$5.25, 10 lbs. \$10.00, 25 lbs. or more, 95c. per lb.

**Chewings Fescue.** A New Zealand and Oregon non-creeping strain of Fescue. Found in most high grade lawn mixtures. Valuable for exposed hill sides and athletic fields and golf courses. Resists extreme droughts and forms a close permanent turf. Lb. \$1.30, 3 lbs. \$3.85, 5 lbs. \$6.25, 10 lbs. \$12.00, 25 lbs. or more, \$1.15 per lb.

**Illahee Fescue.** A fine grass worthy of the popularity it is earning for home lawns, municipal parks and golf courses. Over 99 per cent pure. Lb. \$1.40, 3 lbs. \$4.15, 5 lbs. \$6.75, 10 lbs. \$13.00, 25 lbs. or more, \$1.25 per lb.

Our purchases of lawn grasses are made in large quantities and of wide variety. Each grass seed of every mixture requires rigid analysis tests before being accepted and are mixed by ourselves in mixtures described on the inside front cover and which are rarely duplicated in quality.

If you have problems, consult us. We will try to help you.

### TRIMTONE

Slows growth along edges of flower beds, walks, and base of tombstones. Apply when grass is growing strongly. 1 oz. can, \$1.00.

# SOIL CONDITIONERS

Give your seeds a better start—change problem soil to **FRIENDLY SOIL**. You get improved soil stability, increased water absorption, better aeration, easier cultivation, easier weeding.

## KRILIUM

For preparing soil for flower pots and window boxes, shrubbery or patching bare spots in lawn. Will treat 3 bushels of soil or protect 50-65 square feet of lawn from crusting, erosion and seed loss.

Lb. can.....\$1.39

For improving soil structure of flower and vegetable gardens, planting shrubbery and building a new lawn or remaking an old one. Will treat 250-275 square feet as surface seed bed 85-125 square feet to 3 inch depth or 40-65 square feet to 6 inch depth.

5-lb. can.....\$4.95

## KRILIUM LIQUID

1 gal. can.....\$7.50  
5 gal. can.....\$29.60

## ACP

A combination of the two most advanced soil conditioners (hydrolyzed polyacrylonitrile and vinyl acetate maleic acid polymer) along with trace elements, essential elements and plant hormones in proportions best suited to promote soil aggregations and plant vigor. Can be spread as



a dry powder, or dispersed in water and sprinkled with a watering can.

½ lb. can.....\$1.00

## GREEN GOLD

### Soil Conditioner

The 1-oz., 29c. retail, House Plant package of this new chemical soil conditioner treats 12 to 15 house plants. Glittering silver foil package printed in gold and green. Colorful display carton.

## MICHIGAN PEAT MOSS

Screened—all waste removed. Concentrated, very active bacterially, 98% organic.

100 lb. bag.....\$4.49  
50 lb. bag.....2.49  
25 lb. bag.....1.69  
¼ bu......89  
½ pk......59

# BIRD HOUSES

"LET'S ESTABLISH A BLUEBIRD TRAIL ACROSS THE NATION"



No. 10

Bluebirds eat a tremendous quantity of insects during the Spring breeding season, and they are prolific breeders when given the right protection.

Bluebirds will nest and rear their young in the home garden. To attract them, the house should be set in an open sunny spot—and preferably near a fruit tree.

### NO. 10 CLYMER BLUEBIRD HOUSE

The No. 10 Clymer Bluebird house is of the right design, and it is built of White Cedar, with a natural rustic roof.

No. 10.....\$2.50

### NO. 12 BIRD HOUSE

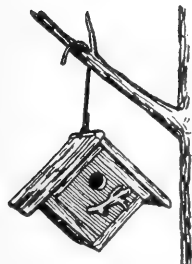
This house is a favorite with Bluebirds. Of rustic hemlock and stained cypress. Has a flat back for mounting against tree trunk or pole. Roof removable. Size: 10 in.

No. 12.....\$2.20

### NO. 31 BIRD HOUSE

Invite the vivacious little wrens to your garden by erecting this home of cypress and rustic hemlock. It may easily be fastened to tree, trunk, arbor, or building. Side removable for cleaning. Size: 8 inches.

No. 31.....\$1.70



No. 4

## WILD BIRD FOOD

A well balanced mixture of seeds that is relished by most wild birds.

5 lbs.....\$0.75    50 lbs.....\$5.75  
25 lbs.....3.00    100 lbs.....11.00

### NO. 4 CLYMER WREN HOUSE

This model is constructed of white cedar, with a natural rustic roof. It is equipped with a metal hanger, and can therefore be hung from a tree if preferred.

No. 4.....\$1.00

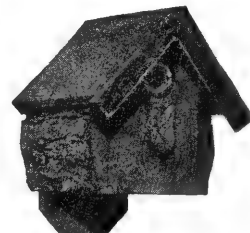
Enjoy Bird Friendship All Winter Long with

### THE CLYMER BIRD FEEDING STATION

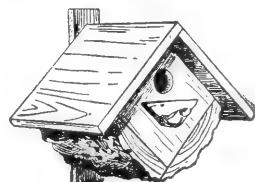
By hanging this bird feeder in your garden or from a window ledge. Birds require the suet and wild seeds with which it is filled.

Feeder Complete.....\$1.50

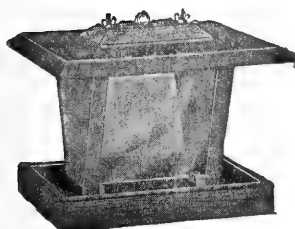
Refills, 40c. Include 11c. with either purchase if ordering by Parcel Post.



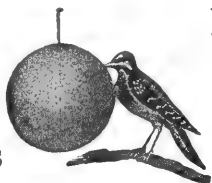
No. 12



No. 31



We Carry in Stock at all times  
a  
Complete  
Line of  
Bird Houses



Bird Feeders  
and  
Bird Food





# BIRDS and BIRD SUPPLIES

## BIRD FOODS AND REMEDIES

- Cage Springs, 10c. and 20c.
- Cage Hooks, 50c.
- Seed and Water Cups; Opal 15c.
- Bird Bath Dishes, 15c.
- Non-breakable Bath Houses. \$1.10.
- Charm Bells, 10c.
- Our own selected Mixed Bird Seed. Lb. 30c.
- Pulvex. A leading Lice and Flea Powder. 25c. and 50c.
- Canarydyne (for Colds), 25c.
- Cage Covers and Seed Catchers, \$2.50 a set.
- Sunflower, selected for parrots. Lb. 35c., 2 lbs. 65c.
- Parrot Food Mixed. Lb. 35c.
- Fish Food Wafers, 15c.
- Fish Food, Natural, 15c.
- Turtle Food. Contains ant-eggs, 20c.
- Ich and Fungus Remedy and Tonic, 25c.
- Glandex for Tropical Fish, 25c.

## FULLSONG PRODUCTS

When you use Fullsong products you can be assured that your bird will be "In Fullsong".

**Fullsong Health Food.** Is a song restorer and general builder containing in carefully balanced proportions all of the elements necessary to a canary's health. Every bird should receive one tonic dish full of Health Food each day, as it contains Cod Liver Oil but is not fattening. 30c.

**Fullsong Feather-Pulling Remedy.** Supplies the deficiencies in a bird's diet which cause this unpleasant practice. 30c.

**Fullsong Bird Bitters.** Is a liquid tonic. This preparation assists in purifying the blood stream and stimulates the appetite. 35c.

**Fullsong Mating Food.** Is a rich egg food and is used to build up the vitality of the birds at this period. 30c.

**Fullsong Nestling Food.** Will start the little birds through life in a proper manner. A fresh supply should be available to the parent bird at all times. 30c.

**Fullsong Moulting Food.** Is a very nourishing food producing feathers and building up the vitality of the birds. The birds should be fed a tonic dish full of this food once or twice daily until moulting is over. 30c.

**Fullsong Regulator.** Is an excellent preventive of colds, diarrhoea, and constipation. This should always be fed at the first sign of a cold or when the bird fluffs up and is inactivating. One feeding a week will aid in preventing colds. 30c.

**Fullsong Cold Remedy.** Is very effective and should be added to the drinking water when the bird first begins to fluff up and appear dopey. Treatment should be continued until the bird is active and appears normal. 30c.

**Fullsong Asthma Remedy.** Quickly relieves suffering from asthma. This should be used for any bird that has difficulty in breathing and gasps or wheezes. 35c.

**Fullsong Vitamin.** Is a mixture of rare seeds. It acts as a tonic and song-restorer. 35c.

## SINGING CANARY BIRDS

Every bird guaranteed, is carefully selected for song and satisfaction.

Male Choppers..... } Prices on request  
 Male Rollers..... }  
 Birds can be shipped by express only.

## BIRD CAGES AND STANDARDS

No. 480 Cage..... } Prices on request  
 No. 950 Cage..... }  
 No. S400 Stand..... }

## PARRAKEET SUPPLIES

- Cages.....\$5.00, \$8.00, \$13.00 and \$15.00
- All Remedies 35c. unless otherwise marked
- Vitalizer
- Moulting Food
- Mating and Nestling Food
- Balanced Health Mix
- Egg Delight
- Diarrhoea Food
- Aureomix, 50c.
- Tonic and Bitters Combined
- Blood Tonic
- Health Grit, 20c.
- Intestine Aid

## MIXED BIRD SEED

Contains all the necessary seeds to keep your bird in health and song. Lb. 30c., 5 lb. \$1.40, 10 lbs. \$2.75.

## SPECIAL BIRD SEEDS

- Recleaned Canary Seed..... Lb. 30c.
- Rape, Small Red Rubsen..... Lb. 30c.
- Sunflower, Super Giant..... Lb. 35c.
- Millet, Large Yellow..... Lb. 15c.
- Hemp (Sterilized)..... Lb. 40c.
- Thistle..... Lb. 35c.
- Flax, whole..... Lb. 35c.
- Lettuce, white..... Lb. 50c.
- Poppy or Maw..... Lb. 50c.
- Teasel..... Lb. 50c.

## BABY CHICKS

Our Chicks will please you  
**Blood Tested—For Pullorum Disease**

We advise placing orders in advance as the demand for our chicks is always heavy. Every bird in the breeding flocks has been selected for health, vigor, production and must conform to the type of the breed it represents. Every bird is blood tested each year and all unsatisfactory birds are removed at once.

Prices subject to change.

	100	25
Leghorns. White, brown, buff..	\$19.00	\$5.00
Rocks. Barred, white, buff...	19.00	5.00
R. I. Reds.....	19.00	5.00
N. H. Reds.....	19.00	5.00
Wyandottes. White.....	19.00	5.00
"AAA" Minorcas.....	19.00	5.00
"AAA" Buff Orpingtons.....	19.00	5.00
"AAA" Silver Wyandottes...	21.50	6.00
"AA" Jersey Giants.....	26.00	6.75
"AA" Light Brahmas.....	21.00	6.00
"AA" Mottled Anconas.....	19.00	5.00

## SPECIAL BREEDING BABY CHICKS

	100
White Leghorns.....	\$22.00
N. H. Reds.....	21.00
Rock Red Cross.....	21.00
50 at the 100 rate, 1c. less per 1000	

Mammoth White Pekin Ducklings in Season. 35c. each, \$30.00 per 100.  
 Goslings. \$2.00 each.  
 Subject to change in prices and sold out.

## BIRD & BREEDING CAGES BIRD BREEDERS SUPPLIES ARE AVAILABLE

For years we have specialized in the mixing of Bird Seed Formulas for breeders of Canaries and other cage birds. We have all the different seeds and meals that are used in special preparations and can make up any special formula you may be feeding. Suggest trying our FULLSONG MATING FOOD with WHEAT GERM OIL, supplying Vitamin E, the anti-sterility factor. We also have a complete line of Breeders' Supplies, various types of breeding cages, nests, nesting, nest eggs, baby bird feeders, canary carriers, etc.

### WILD BIRD SEED

Developed in cooperation with National Wild Life Federation and various Audubon Societies.

Lb. 15c., 5 lbs. 70c.

Add Postage When Ordering

**MAGIC**



Simply drill a 1 to 2 inch hole, 6 to 12 inches deep in the center of stump, and insert prescribed quantity of Magic Stump Remover. (Stumps up to 1 foot diameter take only 4 tablespoonsful.) Chemical action decomposes every fibre, right down to root tips, and makes final removal easy. A great saver of labor and expense.

**W1080**—4-oz. jar. ....\$1.00  
**W1081**—8-oz. jar. .... 1.50

# Here's Why NOD-O-GEN PAYS!

Seeds of legumes (see list below) inoculated with **Nod-O-Gen**:

1. Produce bigger crops.
2. Build up the soil.
3. Make richer feed.
4. Take nitrogen—the most expensive fertilizer—from the air.
5. Improve crop quality.
6. Pay biggest returns on money spent.

**Nod-O-Gen**—the pre-tested inoculator, costs only a few cents an acre.

**Prices:**

For Medium Red Clover, Alsike, White Dutch Clover, Alfalfa, Sweet Clover. Bu. 50c., 2½ bu. \$1.00.  
 For Soy Beans, Cow Peas, Peanuts, Lima Beans. 2 bu. 30c., 25 bu. \$2.50.  
 For Field Beans, Wax, String, Navy, Snap, Kidney and Scarlet Runner Beans. Bu. 55c.  
 For Vetches and Peas. Bu. 35c.  
 Combination for Garden Peas and Beans, Lima Beans, Sweet Peas and Lupine. 5 lbs. 15c.  
 Birdsfoot Trefoil. 10 lbs. 25c., bu. 90c.  
 Big Trefoil. 10 lbs. 25c., bu. 90c.  
 Ladino Clover Packets. 10 lbs. 25c.

## SUDBURY LIQUID CHAPERONE

Dogs stay away from anything sprayed with **Sudbury Liquid Chaperone**. You don't smell it—dogs do and stay away. Protects shrubs, trees, flowers, vegetables, Garbage pails, etc. Harmless, does not show, also effective with cats, other animals. 4 oz. 60c., 8 oz. \$1.00.

## SUDBURY POWDER CHAPERONE

A household blessing for the dog owner. Keeps dogs off furniture and rugs. Sprinkle lightly on object to be protected. Does not injure even finest fabrics. Prevents puppy damage. Use on slippers, drapes, etc. Protects female dogs from male dog annoyance. 1 oz. 50c., 3 oz. \$1.00.

## SUDBURY RABBIT CHAPERONE

Stops rabbits from raiding the garden—destroying tender vegetables and plants—Protects bark on trees. 4 oz. 60c.

## SUDBURY KITTY CHAPERONE

Amazing new powder. Keeps cats from clawing or sleeping in the wrong places. Sprinkle on rugs, chairs, table legs, drapes, etc. Immediate action. Harmless. Won't injure even the finest fabrics. You don't smell it, cats do. 1 oz. 50c., 3 oz. \$1.00.

## NICO-FUME

### Powder Pressure-Fumigator

Effective and economical fumigating material for greenhouses. Burned under pressure in special cans in which it is packed. Directions on label. ½-lb. can, 50c. each; 1-lb. can, 85c. each.

## FERMATE

Extensive tests of **Fermate** fungicide, a new, organic fungicide based on ferric dimethylthiocarbonate, by Experiment Station investigators and by growers show that it is an outstanding protective fungicide because of several distinctive properties.

**Fermate** is highly effective against many fungi, is safe on a wide range of plants, is compatible with Summer oils and oil-nicotine or oil-lead arsenate combinations.

**Fermate** does not cause severe chemical russetting on certain varieties of Pears and Apples, as frequently results from the use of some of the standard fungicides. 8-oz. canister 75c.

## SODIUM SELENATE

Controls red spider and aphids on Mums and Carnations. Midge, Cyclamen mite are also controlled. Easy to use. Long lasting and economical. 4 ozs. \$2.75, lb. \$7.00.

## TREE BANDING COMPOUND "STOP"

A sticky tree banding compound for use on trees, shrubs and vines to prevent insects from crawling up to destroy foliage. Simplifies the spraying problem later. A gummy, sticky oil mass retaining stickiness over a long period. Easily removed from hands and tools with kerosene soaked cloth.

Lb. .... \$0.95    50 lbs. .... \$27.50  
 7½ lbs. .... 5.50    100 lbs. .... 50.00  
 25 lbs. .... 16.00

## SHADING FOR GREENHOUSES

**"Mt. Beacon"**—Dark Green. 1 gallon sufficient for 300 to 400 square feet. Finest quality manufactured. 1-gal. pails, each \$4.30.

Dilution—1 part to 10 parts of Gasoline.

**"Sea Green"**—Light Green. 1 gallon sufficient for 300 to 400 square feet. One shading good for most of Summer. 1-gal. pails, each \$3.60.

Dilution—1 part to 10 parts of Gasoline.



## PLANTABBS

Vitamin B-1 is not a fertilizer and does not take the place of it. Vitamin B-1 acts to release and magnify the plant food in soil.

Plantabbs supply a complete, balanced plant food of the high analysis 11-15-20, therefore when combined with Vitamin B-1 produces startling results. Plantabbs is the only tablet form plant food containing Vitamin B-1  
 10 Tablets....\$0.10    75 Tablets....\$0.50  
 30 Tablets.... .25    200 Tablets.... 1.00  
 1000 Tablets... \$3.50

## SPRAY NOZZLES

Jumbo Nozzles, large size, with holes drilled in whirler and with cone strainer. Delivers a very broad, fine spray with good carrying qualities. Each \$1.20  
 Straight—Wt. 6 oz..... \$1.20  
 45 degree—Wt. 6 oz..... 1.30

## GRASELLI SPREADER (Formerly S.S.-3)

Spreader and activator for LORO. Pint cans \$1.25; gal. cans (3 lbs.) \$7.14.

**PLEASE WRITE FOR MARKET PRICE ON LARGER QUANTITIES—DEALERS, FLORISTS AND LARGE USERS PLEASE ASK FOR QUANTITY PRICES**

**Fertilizers Are the Bread, Meat, and Milk for Plants**

## SHUT OFF COCKS, LEVER

For compressed air sprayers—Wt. ¾ lbs. No. S-191.....\$1.75

## SOIL TESTING KIT

### Why Your Soil Should Be Tested

Because certain plants require "acid" soil and others require "alkaline" soil. Because actual knowledge of the reaction of your soil aids in the selection of the plants or crops that will grow best. Because the effect of fertilizers on soils is influenced by the reaction of the soil and therefore enables you to provide proper plant foods.

Buy a Sudbury Soil Testing Kit today.

## SOIL-SOAKER

A new, hose-like waterer of special porous canvas, screws to the water hose, replacing nozzle or sprinkler. The far end is closed. Under normal pressure, water seeps through every pore, the entire length, soaks directly into the soil. No spray—no waste—no excessive evaporation. Easily moved without shutting off water, or getting wet.

No. 0—12 ft.....\$1.80  
 No. 1—18 ft..... 2.10  
 No. 2—30 ft..... 3.70  
 No. 3—50 ft..... 6.00

## GARDEN BARROW

Made from the best seasoned wood. The whole barrow is reinforced and braced making it especially strong. Has six extra heavy spokes. \$8.95.

# SUNDRIES

## BIRD BATHS

With pedestal.....\$4.00 each

## SILVER GAZING GLOBES

12-14 inches.....Prices on request

## VAPOTONE

Contains Hexaethyl Tetraphosphate. The new organic insecticide that has been giving such spectacular results against red spider and aphids on Roses, Carnations, Gardenias, Mums, etc.

Gal.....\$11.90

## EVERMARK PENCILS

Will not rub nor wash off. 15c. each.

## CAMP PRIVY CLEANER

Modern chemistry again comes to the aid of rural families and camps with outdoor type privies or chemical toilets. Camp Privy Cleaner deodorizes and acts against organic solids.

Say goodbye to the old method of using lime and smelly disinfectants. Treat your privies or chemical toilets regularly.

5 lb. can.....\$2.75  
10 lb. can.....5.00

## ROOTAWAY SEWER CLEANER

3 lb. can.....\$2.25  
6 lb. can.....4.25  
12 lb. can.....7.25

## CESSPOOL AND SEPTIC TANK CONDITIONER

Starts septic action, stimulates bacteria, eliminates odors. The average cesspool or tank requires about 12 lbs. of conditioner. Put ½ lb. a day through toilet bowl for 24 days. Does not harm toilet bowl.

3 lb. pkg.....\$2.25  
6 lb. pkg.....4.25  
12 lb. pkg.....7.65

## CESSPOOL AND SEPTIC TANK CLEANER

25 lbs. will do an excellent job on a septic tank or cesspool of from 250 to 500 gallon capacity. Make a solution in iron pail and pour down sinks and drains. Will not harm metal tanks or lines, porcelain or tile.

5 lbs.....\$2.25  
10 lbs.....4.25  
15 lbs.....6.00

## BOOKS

All About African Violets.....\$3.50  
1001 Garden Questions Answered... 3.00  
10,000 Garden Questions Answered. 4.95  
Garden Magic.....3.50  
Better Homes & Gardens.....3.95  
Plant Diseases.....7.50  
Gardeners Bug Book.....4.95  
Roger Tory Peterson Field Guide to Birds.....3.75

## PARRAKEET BOOKS

Talking Budgie.....\$0.25  
Your Budgie......25  
Teaching Parakeets......35  
Parakeet Breeding.....2.00

## METAL WINDOW SHELVES

Fits on window sill. \$1.00.

## GLASS WINDOW SHELVES

2 shelves fits on window sash. \$2.50.

## ALUMINUM TRAY

Holds five 4-in. pots.....\$2.00

## PLASTIC HOSE

(5 year guarantee)

25 ft. length.....\$2.75  
50 ft. length.....4.80

## HOLE-IN-ONE PLANTER

Plant setter and bulb planter. This handy tool makes a hole in one operation. Merely cut the tool in the soil, remove it with a slight twisting motion and the soil comes with it, leaving a clean hole in which plants or bulbs may be set. 95c. each.

## HEDGE CLIP

All Electric Portable Hedge Trimmer

Trim your hedges quickly in that straight line which is the mark of the professional. Square the top and corners, or round them if you wish. It works well on the sides, too.

Price \$49.75

Will Also Rent by Day

## SCARE AWAY



The modern scarecrow frightens pests from garden, orchard and property. Pleasant tinkle movement in breeze and bright reflection keeps out most destructive birds and animals. 15 inch metallic strips. Easy to hang from string or wire.

10 units in package.....25c.

## GLASS SUBSTITUTES

R-V Lite. All purpose window materials are easy to install. Anyone can do it. Simply cut to size with ordinary scissors and nail down with wood strips. Also recommended for protecting workmen and materials in new buildings from wind and weather or for enclosing outside scaffolds. Keeps heat in, cold out.

Style 100C —Cotton.....\$0.72 yd.  
Style 200P —Plastic......93 yd.  
Style 300W —Wire.....1.25 yd.  
Style 400T —Parrafin......57 yd.

Ask for full roll prices.

## STAINLESS STEEL AQUARIUMS

No.	Width Inches	Length Inches	Height Inches	Capacity	Price
75...	6	10	8	2 gal.	\$4.50
76...	7	12	9	3 gal.	5.50
77...	8	14	10	5 gal.	6.50
84...	9	18	12	8 gal.	9.00
86...	10	20	12	10 gal.	11.50

## GOLD FISH BOWLS

Drum shape, ½ gal.....\$0.39  
Drum shape, 2 gal.....1.49  
Rectangular, ¼ gal......90  
Rectangular, 2 gal.....1.49

Assorted Gold Fish  
Fish Grass  
Water Purifiers

## NEW ERA POTTING SOIL AND AFRICAN VIOLET SOIL

A complete soil, odorless, ready to use. Use as is—already prepared for you. When filling pot with soil be sure to leave enough room at top of the pot for water.

1½ lb. pkg.....25c. 4 lb. pkg.....49c.

## NEW ERA, ODORLESS

Scientifically prepared ready to use PEAT HUMUS. Pulverized 92% organic matter for house plants, window boxes.

1 lb.....25c. 4 lbs.....49c.

## WIK-FED POTS (Plastic)

Constructed especially for African Violets. Upper pot has wick to be inserted through center hole about ¼ in. Fray end and cover with moist soil. Fill reservoir with water and place potted plant on top. For best results leave reservoir empty a few days before refilling.

4 in. pot.....\$1.00 5 in. pot.....\$1.50

## GARDEN CARTS

\$8.50

## LAWN SWEEPS

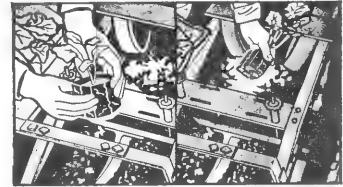
21 in.....\$29.95  
30 in.....39.95



1. 2.

**TRANSPLANTING WITH VITA-BAND "D" BY HAND**

1. Squeeze rootball to crack band
2. Set plant and Vita-Band "D" in place



1. 2.

**USING VITA-BAND "D" WITH TRANSPLANT EQUIPMENT**

1. Squeeze rootball to crack band
2. Set plant and Vita-Band "D" in furrow



**PRICES - QUANTITIES - WEIGHTS**

SIZES	1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4	PRICES - QUANTITIES - WEIGHTS	
									PRICE PER M	QUANTITY PER CASE
VB 10	3.70	4.00	4.55	5.05	6.00	6.90	9.00	11.25	2M	2M
VB-D	3.85	4.15	4.65	5.35	6.05	7.05	9.25	11.60	2M	2M
VB-H		5.45	5.80	6.90	7.65	8.50	10.45	12.90	1M	1M
VITA-BAND 10	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	500	500	
	WEIGHT PER CASE	33 lbs	38 lbs	42 lbs	51 lbs	63 lbs	37 lbs	25 lbs	33 lbs	
VITA-BAND D	QUANTITY PER CASE	2M	2M	2M	2M	2M	1M	1M	1M	
	WEIGHT PER CASE	21 LBS	24 LBS	27 LBS	32 LBS	41 LBS	24 LBS	32 LBS	42 LBS	
VITA-BAND H	QUANTITY PER CASE		1M	1M	1M	500	500	500	500	
	WEIGHT PER CASE		26 lbs	30 lbs	36 lbs	22 lbs	26 lbs	35 lbs	46 lbs	

Prices higher in Rocky Mtn., Pacific Coast, Texas and Gulf State areas.



**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** 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 H** is the new nutrient-treated successor that replaces Bird Vita-Band 40. Vita-Band "H" will control root growth of those plants which demand extra long growing periods.

**BIRD Red and Vita 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 pots. VITA-POTS can be packed quickly and easily for shipment.

Sold in Units of 1000 Only Red Vita-Pots	Prices per Thousand							
	2"	2 1/4"	2 1/2"	3"	3 1/2"	4"	5"	6"
	\$8.60	\$8.60	\$8.70	\$9.15	\$12.20	\$14.70	\$18.15	\$22.25
	14.00	14.30	14.85	16.40	21.60	24.35	31.85	41.70

**BIRD Tom Thumb FLATS**



A



B

**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. 1 1/2 in. Bands
- No. 2 for 1 doz. 2 in. Bands

Specify style A or B and color if imprinting is desired. ADD \$3.00 PER M TO COST BELOW FOR PRINTING

Combination 1M Flats 12M Vita-Band D Per 1000 Sets		Combination 1M Flats 12M Vita-Band 10 Per 1000 Sets		Sold in Units of 500 Sets Only	Tom Thumb Flats	
SIZES		SIZES			SIZES	
No. 1	No. 2	No. 1	No. 2	per 1000	No. 1	No. 2
\$83.50	\$98.20	\$86.45	\$95.65		\$44.70	\$49.60

# INSECTICIDES and FUNGICIDES

PRICES SUBJECT TO MARKET CHANGES

PLEASE NOTE.—Price and Items listed herein are offered subject to Government Regulations, Priorities and our ability to procure stock. In ordering state second choice.

- Antrol.** A syrup for control of ants. Filled feeders 15c.
- Antrol Ant Traps**.....\$0.25
- Antrol Ready Filled Sets, 4 to pkt...** .50
- Antrol Ready Filled Feeders**..... .15
- Antrol Refills, 4 oz.**..... .25
- Arsenate of Lead (Powdered).** Standard spray for leaf eating insects. Lb. 55c., 4-lb. bag \$1.70.
- Arsenate of Calcium.** 4 lbs. 60c.
- Black Leaf Aerosol Insect Killer.** Kills flies, mosquitoes, ants, roaches, bed bugs, moths. For use in the home, leaves no unpleasant odor. Harmless to humans and pets. 12-oz. can \$1.09.
- Black Leaf 40 (Standard Nicotine Spray).** Oz. 39c., 5 oz. \$1.15, lb. \$2.69, 2 lbs. \$4.79.
- Black Leaf Rotenone Dust.** Combining 1% Rotenone on a special carrier material, controls Mexican Bean beetles and other chewing insects infesting vegetables, fruit and flowers. Lb. can 39c.
- Black Leaf 50% Malathion Spray.** Mites and scale insects, spider mites, European red mites, two spotted mites causing brown and bronzing foliage, webbing and destruction in hot weather. These are controlled with easy to use Malathion Spray. Also kills scale crawlers, soft brown scale, Monterey pine scale. Controls Mexican bean beetles, leaf bugs, tarnished plant bugs, leaf hoppers and aphids, has some residual action effective for Summer sprays on ornamentals, certain vegetable crops and fruit trees. Flies are attracted by mixture of Malathion Spray and sugar syrup; eat it and die. Spraying or sprinkling on outside walls of pens and stable floors is highly recommended. 1-oz. 49c., 5-oz. \$1.39, pint \$2.98.
- Blue Stone (Copper Sulphate).** Crystals. Lb. 20c., 10 lbs. \$1.50, 100 lbs. \$15.00.
- Bordeaux Mixture (Powder).** For control of blights. Lb 60c., 4 lb. bag \$1.40.
- Cyanogas G (Calcium Cyanide).** A powerful fumigant for mills, etc. A dust for vermin control. Lb. \$1.25, 5 lbs. \$4.25.
- DuPont 50% Tech. Methoxychlor.** 8-oz. can 75c.
- Formacide.** Controls damping-off. ½ lb. 50c., lb. 85c., 5 lbs. \$2.50, 25 lbs. \$10.00, 50 lbs. \$17.50.
- Garden Guard (Rotenone).** 1-lb. sifter can 50c. Pump gun 60c., 4-lb. bag \$1.15, 50-lb. bag \$10.00.
- Grafting Wax.** ¼ lb. 30c., ½ lb. 45c., lb. 70c.
- Lime Sulphur Solution (Liquid).** Qt. 65c., Gal. \$1.80, 5-gal. drum \$7.50.
- Lime Sulphur (Dry Powder Form).** Lb. 65c., 5-lb. bag \$2.65.
- N-N-OR (Rotenone Garden Spray).** Oz. 35c., 6 ozs. \$1.00, 16 ozs. \$2.15.
- Napthalene Crystals for Moths and Treating Gladiolus Bulbs for Thrips.** Lb. 25c., 5 lbs. \$1.00
- New Evergreen Spray with Rotenone.** Deadly to all insects. Oz. 35c., 6 ozs. \$1.15.
- Nico-Fume Pressure Fumigator.** ½ lb. can 50c., lb. can 85c., 12 1-lb. cans \$3.35.
- Paradichlorobenzine.** For Peach tree borers and moths. Lb. 50c.
- Para Scalecide.** For Peach tree borers and moths. Qt. \$1.45, gal. \$3.25.
- Parathion 15%.** Spray powder for use in the control of aphids on Apples and Pears, aphids on Carrots, Tomatoes, bud moth on Prunes, mites on Apples and Pears. 4-lb. can \$2.88, 25-lb. bag \$16.75.
- Paris Green.** ¼ lb. 35c., ½ lb. 50c., lb. 90c.
- Pomo-Green.** The leaf-green Dust or Spray. Lb. \$1.00, 5 lbs. \$3.00.
- Red Arrow Garden Spray.** Kills many sucking and chewing insects. Oz. 35c.
- Scale Oil.** A dormant oil spray for scale insects. Qt. 90c., gal. \$2.25, 5 gals. \$8.25.
- Snarol.** Kills cutworms, snails, slugs, grasshoppers, etc. Spread thinly on ground around plants. Lb. 50c., 2½ lbs. \$1.00, 6 lbs. \$2.00.
- Slug Shot Dust.** Old Standard remedy for control of many insects. 5 lbs. \$1.95.
- Sulfocide.** A better Summer spray for trees and shrubs. Pt. \$1.00, qt. \$1.50, gal. \$3.00.
- Sulphur.** Commercial Flour Sulphur. 99.5% pure. Lb. 10c., 10 lbs. 70c., 100 lbs. \$4.50.
- Sulphur, Wettable.** An improved dusting sulphur and liquid spray. 2-lb. carton 65c.
- Terro Ant Killer.** Quick, sure, simple. Very effective. 35c. and 50c. bottles.
- Tersan** for Golf and Lawn turfs. 5½-oz. can \$1.00, 3-lb. can \$6.75.
- Tobacco Dust.** Repellent for most insects. Lb. 10c., 5 lbs. 35c., 100 lbs. \$4.00.
- Tomato Dust.** Lb. sifter package 55c., 4-lb. bag \$1.35.
- To-Na-Cide.** Used as a soil treatment for thrips and worms. 5 lbs. \$1.25, 25 lbs. \$5.00, 100 lbs. \$17.00.
- Tree Wound Paint.** Prevents decay after pruning. ½ pt. 65c., pt. \$1.20, qt. \$2.10, gal. \$6.50.
- Triogen Dust.** A blend of DDT, Rotenone, Fermate and Sulphur to control chewing and sucking insects and diseases. Lb. can \$1.19.
- Tri-Ogen.** Triple acting spray for Rose and other flowers. \$1.50, \$2.35, \$6.00, \$9.00.
- "Volck"** kills by contact. It envelops the insect, or its eggs and smothers by clogging up the breathing system. Sap-sucking insects and mites like scale, white fly, mealy-bug and red spider are more effectively controlled with a spray embodying these qualities. 4 ozs. 35c., pt. 70c., qt. \$1.25.
- Fermate.** A new fungicide for the disease control on fruit trees, celery, tomatoes, blackspot on Roses, leafspot on Chrysanthemums, rust on Snapdragons and Tulip blight. 8-oz. can 75c., 3 lbs. \$2.75.
- Krenite (DuPont) water soluble Dinitro.** Dormant spray for orchard crops, small fruits and ornamentals 1 gal. \$3.25.
- Big Stinky Fly Traps.** For outdoor use. One gallon size, especially good for farms, parks, schools, etc., \$4.95.
- Wee Stinky Fly Traps.** Lures, traps, kills flies by the thousands. Outdoor use only, \$1.65.

## SODIUM SELENATE—Pure

The new insecticide that makes plants bite back and destroy many of the insects that hurt them. When applied to the soil in water solution, it is absorbed by the plants, making them poisonous to most insects. Especially effective with soft plants like carnations, chrysanthemums, cyclamens, gladioli, etc. 4 ozs. \$2.75.

## PARZATE

3-lb. bag.....\$4.00

## PARATHION AEROSOL BOMBS

Aerosol Bombs.....\$8.00

Deposit on Cylinder.....\$3.50  
Deposit on Wooden Container..... 1.00  
Applicator, 2 ft. rod..... 6.50  
Applicator, 4 ft. rod..... 9.00  
Gas Mask..... 4.50  
Canister for gas mask..... 3.50

## SPIDER MITE

A dust or spray containing Aramite. For control of red spider on roses, evergreens and shade trees.

1-lb. Sifter can.....\$0.75  
4-lb. bag..... 2.35

## PLANTFUME SMOKE GENERATORS

Generate a smoke which carries dithion insecticide to every part of greenhouse. Controls red spider, aphids, white fly, mealy bug, thrips and other pests.

5,000 cu. ft. generators. Ctn. of 36...\$10.50

## METHOXYCHLOR 50 WETTABLE POWDER

Half pound makes 25 gallons dilute spray. 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. 8-oz. can 75c.

## SPENCER FLI-FATE AEROSOL BOMBS

Kills all types of insects. Contains DDT plus Lethane. 12-oz. can \$1.19.

## SPENCER FLI-FATE STOCK SPRAY

No stain—no bad odor. Kills and repels. Gal. \$1.39, 2 gals. \$2.50, 5 gals. \$6.25.



# D. D. T.

## Dichloro-Diphenyl-Trichloroethane

Use DDT as effective plant spray or dust against Japanese Beetle, Colorado Potato Beetle, Pea Weevil, Cabbage Caterpillars, Leaf Hoppers, etc.

For Live Stock and stable use against Horn Flies, Common Flies, Lice and Fleas. For household use, Flies, Moths, Bed Bugs, Fleas, Ants, Roaches and other household pests.

**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. Lb. can 75c., 4-lb. bag \$1.65.

**HOUSEHOLD SPRAY.** Contains Lindane. Controls flies, roaches, mosquitoes, moths and other household pests. This is a liquid spray; will not leave an unsightly residue if used as directed. It is recommended for use in homes, hotels, restaurants, stores, etc., for insect control. Pt. can 60c. each, qt. can 90c. each, gal. can \$3.40 each.

**APHIS DUST or SPRAY.** Contains a new formulation for aphid control. For the use in control of aphids on Tomatoes, Cucumbers, Melons, Cabbage, Tobacco, spittle bug on Strawberries, Japanese beetle, and certain other chewing insects on fruits, vegetables, flowers and ornamentals. Lb. can 75c., 4-lb. bag \$2.10 each.

**COCS Copodust.** Dust only for use in the control of early and late blights on Tomatoes, Potatoes, Celery and other fungus diseases on vegetables and ornamentals. For use as a fungicide only. Contains no lime. Do not use on Beans. An excellent dust for blight on Tomatoes. Lb. canister 50c. each, 5-lb. bag \$1.40 each.

**POTATOX POTATO DUST or SPRAY.** Contains 5% DDT, an arsenical 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. Lb. can 65c., 4 lbs. \$1.85.

**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. Lb. bag 75c., 3-lb. bag \$1.50

**DDT 5 DUST.** Contains 5% DDT. For use in the control of Japanese beetles, European corn borer, Corn ear worm, leaf hoppers, Cabbage worm, flea beetle, also thrip on Gladiolus and Onions. 1-lb. can 50c., 4-lb. bag \$1.10.

**CHLORDANE DUST or SPRAY.** Contains 6% Chlordane. For use in the control of grasshoppers, blister beetles, leaf miners, mole crickets, Japanese beetles and certain other turf insects. Also ants and roaches in the lawn and home. Lb. can 60c. each, 4-lb. bag \$1.55 each.

**KOLO SULPHUR ROTENONE-BEARING DUST.** Contains .75% rotenone plus Bentonite sulphur. A combined insecticide-fungicide dust for flowers and vegetables, greenhouse plants, ornamentals and shrubs. For use in the control of Mexican Bean beetles, worms on Cabbage and Cauliflower. 4-lb. bag \$1.45.

**COCS COPPER MILDEW SPRAY.** Effective in the control of early and late blight on Potatoes and Tomatoes, leaf spot on Celery, Beets and Carrots. Lb. can 90c., 3-lb. bag \$2.15.

**COCS CUKE AND MELON DUST.** A combined insecticide and fungicide, containing calcium arsenate and copper for the control of insects and diseases. Lb. bag 55c., 4-lb. bag \$1.40.

**COCS COPPER-ROTENONE BEARING DUST.** .75% rotenone and copper as a fungicide for the control of such diseases as mildew, leaf spot and blight and chewing insects on vegetables, flowers and ornamentals. Lb. sifter-top can 50c., 4-lb. bag \$1.55.

**ROTENONE BEARING DUST.** Contains .75% rotenone. For use in the control of Mexican Bean beetles, worms on Cabbage and Broccoli, Pea aphid, Asparagus beetles and certain chewing and sucking insects on vegetables and ornamentals. Lb. sifter-top can 50c., 4-lb. bag \$1.10.

## SOILFUME-CAPS

For the control of nematodes and wire-worms in garden and greenhouse. Very effective. 100 capsules \$1.00.

## WEED KILLERS

**Liquid Weed Killer.** A powerful chemical solution for destroying undesirable vegetation of all kinds on roadways, paths, gutters and tennis courts. Dilute at the rate of 1 part to 40 parts of water. Qt. 70c., gal. \$2.00, 5 gals. \$9.00.

## AMMATE

(Ammonium Sulfamate)

**Ammate** is based on a new Du Pont chemical, Ammonium Sulfamate, which has been field tested for the control and eradication of many troublesome weeds. **Ammate** is very desirable for the eradication of poison-ivy and many other troublesome weeds. It is non-poisonous, non-inflammable and is exceptional in that it exerts only temporary soil sterilizing effects. 2 lbs. \$1.15, 6 lbs. \$2.95.

## CRAB GRASS KILLER

(Zotox)

Controls crabgrass without destroying permanent lawn grasses. 1 lb. will treat 1000 to 2000 square feet. 8 ozs. \$1.00.

## WEEDUST

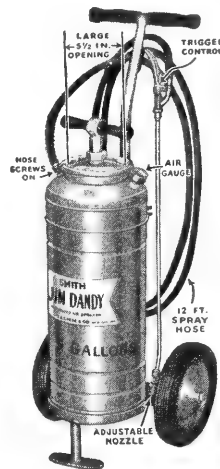
The 2,4-D weed-killer in dry, powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds; just the thing for the man whose problem does not require a sprayer. Price, large can, 75c. Enough to kill 1,000 weeds.

**WEEDONE BRUSH KILLER 32.** This material is especially formulated for killing woody plants and treating stumps of cut trees to prevent regrowth. It should be used wherever such a problem is present. Qt. \$4.00 each, gal. \$8.90 each.

# 2,4-D

## Dichlorophenoxyacetic Acid

USE A SEPARATE SPRAYER FOR WEED KILLERS



**JIM DANDY CART SPRAYER.** \$37.40.

**WEEDONE CRABGRASS KILLER, 2,4-D +2,4,5-T.** Is the new, non-poisonous herbicide for controlling crabgrass in lawns without killing desirable grasses and clover. Kills seedlings and mature crabgrass. 6½-oz. can \$1.00, 26 oz. can \$3.00.

**WEEDAR 64.** A 2,4-D formulation for control of weeds in cereal crops and easy to kill weeds in turf or pasture. Qt. \$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 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. 8-oz. can \$1.00, qt. can \$2.75, gal. can \$6.95, 5-gal. can \$25.00.

**F.T.E.** (Fritted Trace Elements). Slow soluble soil mineralizer for gardens, lawns and potted plants. 1-lb. can \$1.00.

## END O WEED

New, improved weed-killer, dooms weeds to certain death . . . roots and all, **End o Weed** is so simple to use. Merely dilute it with water and apply with any type spraying equipment. It completely destroys over 50 different weeds without harming ordinary grass. Comes in all popular sizes. The 8-ounce package treats 2,000 square feet of lawn area. ¼ pt. \$1.00, qt. \$2.75, gal. \$7.50.

**END-O-PEST.** For control of chewing and sucking insects and fungous diseases. Gun and powder combined 98c., postpaid \$1.08. Refill cartridge 75c., postpaid 90c. 2-lb. package to be used with regular duster \$1.98, postpaid \$2.15. 4-oz. package 35c., postpaid 40c.

To control grubs in turf use **Arsenate of Lead, DTD, Chlordane.**

# SEED DISINFECTANTS

## Increase Crop Profits

## Reduce Disease Losses

### CERESAN<sup>®</sup> M



Generally controls covered smut, black loose smut and stripe of barley; oat smuts and the new oat blight (Helminthosporium blight); stem and covered smuts of rye; loose and covered kernel. Seed-borne stinking smut and scab seedling blight of wheat. 14 oz. \$1.25, 3 lbs. \$3.55

\*Reg. U. S. Pat. Off.

### New Improved SEMESAN BEL



Quick dip treatment; effective against seed borne scab and Rhizoctonia. Costs only 1½¢ to 3¢. a bu. 2 oz. 50c., lb. \$2.30, 4 lbs. \$7.50.

### New Dustless ARASAN SF-x



For use in slurry treaters or batch mixers. For corn, rice, sorghums, peas, beans, vegetables, grasses and legumes. 25 lb. drum \$45.00, 100 lb. drum \$172.50.

### SEMESAN

Controls many seed-borne diseases, reduces seed decay of vegetable and flower seeds at the amazingly low cost of only ¼¢ to 1¢. a lb. Also valuable for watering the seed bed or flats to control damping-off. 4 ozs. \$1.00, 12 ozs. \$2.85.



**Special Semesan.** This chlorophenol mercury and cresol mercury fungicide is for use in preventing and controlling brown patch and dollar spot of lawns and golf greens. 1 lb. treats 6000 sq. ft. of turf. 1½ lbs. \$3.75, 25 lbs. \$52.05.

### ARASAN

For Corn, Peanuts and certain vegetables. A new treatment for a wide variety of vegetable seeds. This organic seed disinfectant and protectant, provides a means of combating the ever present problem of securing full stands of vigorous, healthy, normal seedlings. Prevents seed decay caused by fungi and bacteria. ¾ oz. 25c., 8 ozs. \$1.00, 2 lbs. \$3.20.

### PARACIDE

(Para-Dichlor Benzene)

Kills the peach tree borer, controls moth in carpets, furniture and clothes. Lb. 50c., 5 lbs. \$1.75.

### SPROUT INHIBITOR DUST

2.2% Methyl Ester Alpha Naphthalacetic Acid mixed with a carrier and used as a dust on a variety of stored vegetables, particularly Potatoes, to reduce sprouting and shrinkage. 1 lb. treats 11 bushels of Potatoes. Lb. \$1.25.

### CARBON DISULPHIDE

For the extermination of Woodchucks, Ground Squirrels, Moles and Mice. Recommended by most Experiment Stations for the control of the Weevil in stored grain and seeds. Lb. 50c., 5 lbs. \$1.75.

### DORMATONE

Hormone Sprout Inhibitor

Prevents sprouting softening, shriveling of Potatoes. Cuts down weight loss and shrinkage by as much as 10 to 15%. 12 ozs. \$1.00, 5 lbs. \$5.50, 20-lb. drum \$16.00.

### CORROSIVE SUBLIMATE

(Bichloride of Mercury)

The best spray material for controlling root maggots on Cabbage. Use 1 oz. to 12 gals. of water and apply frequently to the young plants. See your local Farm Bureau for full directions. ¼ lb. 75c., lb. \$2.50.

### FORMACIDE

(Stabilized Formaldehyde Dust)

For sterilizing soil and for treating seeds to prevent seed-borne fungous diseases. A great aid in the control of "damping-off" of seedlings, also root and stem rots. Use 8 ozs. to a bushel of potting soil or 1½ ozs. per square foot, in beds, benches, or flats. ¼ lb. 50c., lb. can 85c., 5-lb. can \$2.50, 25 lbs. \$10.00, 50 lbs. \$17.50.



**Greenhouse Pests.** Cyanogas G-Fumigant, when exposed to air gives off a gas destructive to all plant insects.

It is the most generally used insecticide in greenhouses. It is the most economical of all greenhouse insecticides, and for fumigating Mills, Warehouses, homes for rats and all kinds of weeds, and is completely effective and very easy to use. 5 lb. \$4.25, 25 lbs. \$13.75, 100 lbs. \$31.00.

**Other Pests.** Such as fleas, bees, bats, squash-bugs, cucumber beetles, termites, etc., are easily controlled with Cyanogas. Leaflets containing instructions on the control of practically all pests are available.

**Ants.** Simply enlarge entrances of nest with long-shank screwdriver or pointed stick. Adjust spout of can and allow a small amount of Cyanogas to flow into the enlarged hole. The worker ants and Queen are killed immediately with Cyanogas. Special 4-oz. and container 50c.

**Rats.** Cyanogas is not a bait. It is different. Simply pump it into rat burrows or hide-outs, it seeks the rats and kills them instantly. Lb. \$1.25, 5 lbs. \$4.25, 25 lbs. \$13.75, 100 lbs. \$31.00.

### New For Seedless TOMATOES

### Weeks Earlier

## SEED-LESS-SET

### HORMONE SPRAY



Spray the Flowers That's all!



### Every Gardener Needs

**Seed-less-Set** is a new scientific hormone combination sold under license. Produces earlier better Tomatoes, Peppers, Egg Plants etc., without seeds. Spray the flowers—that's all. ½ pt. \$1.00.

### APP-L-SET

**App-l-set** contains the sodium salt of 1-Naphthaleneacetic Acid, a plant growth regulator, found effective by the United States Department of Agriculture in delaying fruit drop, especially of Apples and Pears. 4 ozs. \$1.50.

### SPERGON GLADIOLUS DUST

Reg. U. S. Pat. Off.

A mixture of Spergon and D.D.T. Helps control storage rot and corm decay. D.D.T. helps control thrips. 2-oz. env. 25c., 1 lb. can \$1.50.

# FERTILIZERS and PLANT FOODS

PRICES ON FERTILIZERS SUBJECT TO CHANGE WITHOUT NOTICE

**Acid Phosphate or South Carolina Rock.** 20 per cent. Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid content. 100 lb. bag \$2.50.

**Aluminum Sulphate (For Rhododendrons and Azaleas).** Lb. 30c., 5 lbs. 80c., 10 lbs. \$1.50.

**Blood, Dried.** For indoor and outdoor culture of flowering plants, like Roses, Carnations, etc., its chief element being nitrogen. Fine for Ferns. Lb. 25c., 5 lbs. \$1.00, 10 lbs. \$1.75, 25 lbs. \$4.00.

**Bonemeal, Steamed (2-47-5).** A pure soft bone, splendid for building up worn-out soil, lawns, etc. 5 lbs. 70c., 10 lbs. \$1.30, 50 lbs. \$3.75, 100 lbs. \$7.00.

**Compo.** Don't waste garden rubbish. Turn it into manure with Adco. Adco is a powder which, mixed with almost any non-woody vegetable waste and kept wet, gradually converts it into manure. 25 lbs. of Adco makes 1/2 ton of manure. 7 1/2 lb. pkg. \$1.25, 25 lbs. \$2.50.

**Folium.** A balanced plant food. A water soluble concentrate. For house plants—African Violets require only half strength solution. 2-oz. pkt. 25c.

**Farmanure.** 7 1/2 lb. package 65c., 25 lb. bag \$1.50, 50 lb. bag \$2.50.

**Feedz N Weedz Fertilizer Plus 2,4-D.** 10 lbs. \$1.35, 25 lbs. \$3.00, 100 lbs. \$8.75.

**Lime, Hydrated or Powdered.** Promotes growth and gives the grass a rich color. Apply 1 ton per acre on fields, or 1/2 ton on lawns. 10 lbs. 30c., 50 lbs. 80c., ton \$26.00.

**Mllorganite.** Is a natural organic plant food, not a synthetic fertilizer. It is rich in organic nitrogen and the rare elements. Produced by scientific processes, it is free from weed seeds and harmful organisms of all kinds. Easy to apply—non burning—long lasting. 25 lbs. \$1.50, 50 lbs. \$2.55, 100 lbs. \$4.35.

**Muriate of Potash.** Analysis, equal to 50 per cent actual potash. Lb. 20c., 5 lbs. 80c.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with acid phosphate or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.00, 25 lbs. \$2.00, 100 lbs. \$7.00.

**Plantabbs.** Use for beautiful gardens and lovely house plants. 10 tablets 10c., 30 tablets 25c., 75 tablets 50c., 200 tablets \$1.00, 1000 tablets \$3.50, postpaid.

**Vigoro.** Tablets for house plants. Pkg. (24) 15c.

**Hyponex.** Plant food complete and balanced clean odorless soluble powder, Vitamin B1 added. Oz. 10c., 3 ozs. 25c., lb. \$1.00.

**Floralife.** Helps cut flowers live longer. Use in floral arrangements. Pkt. 10c.

## COMMERCIAL FERTILIZERS

**Farm Grain Fertilizer (4-12-4).** A balanced commercial fertilizer for the growing of corn, oats and other farm grain crops. 100-lb. bag \$3.25, ton \$48.00.

**General Garden Fertilizer (5-10-5).** Specially formulated to stimulate deep root growth, high grade and generous production of fine, compact flowers and vegetables. An excellent all round fertilizer for the garden. Use at the rate of 1000 lbs. per acre. Used between the rows when plants are growing. 4 lbs. per 100 ft. Nitrogen 5 per cent. Available phosphoric acid 10 per cent. Potash 5 per cent. Apply 100 lbs. to 5000 sq. ft. (50 x 100). 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.75, ton \$58.00.

**Potato Fertilizer (3-12-6).** A scientific balanced commercial fertilizer for growing Potatoes and other root crops. Apply 800 lbs. per acre. 100 lbs. \$3.50, ton \$55.00.

**Cotton Seed Meal.** Very rich in potash and ammonia. Fine for Rhododendrons and Azaleas. Lb. 15c.

**Cow Manure Pulverized (Wizard Brand).** For garden, lawn and greenhouse, and especially good to mix with compost. 10 lbs. 80c., 25 lbs. \$1.75, 50 lbs. \$3.00.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. The analysis shows it to be the most perfect balanced plant food. For garden, lawn or greenhouse, nothing surpasses sheep manure. It is clean and easily handled. Gives immediate results. 5 lbs. 45c., 10 lbs. 80c., 25 lbs. \$1.75, 50 lbs. \$3.00.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. A valuable fertilizer for all plants in which a large leaf development or rapid growth is desired. Will stimulate growth almost immediately. 5 lbs. 60c., 10 lbs. \$1.00, 25 lbs. \$2.00, 50 lbs. \$3.75, 100 lbs. \$7.00.

**Terra-Lite (Vermiculite) Plant Aid.** A growing medium for rooting cuttings, for plant propagating, seed germination, mulch, lightening heavy soil, storing bulbs. Lb. 35c., 2-bu. bag \$1.85, 4-bu. bag \$2.15.

**Rhododendron-Azalea Food.** 5-lb. bag 85c., 10-lb. bag \$1.35.

**Dahlia Food.** 5-lb. bag 85c., 10-lb. bag \$1.35.

MAKE LAWN CARE  
EASIER

Less weeding—less work—and by far a better lawn. Use a complete plant food to furnish your lawn with all of the elements necessary for finest growth. Feed early, feed often—you'll profit with less work and better results.

VIGORO

Complete Plant Food

A Product of Swift & Company

**Vigoro.** For lawns, flowers, shrubs, trees, commercial growers and farmers. 5 lbs. 53c., 10 lbs. 95c., 25 lbs. \$1.70, 50 lbs. \$2.80, 100 lbs. \$4.55.

**Vigoro Spreaders.** B R—18 in., \$9.00; J R—18 in., \$12.75; Standard 24 in., \$19.75.

**New Era Potting Soil and African Violet Soil.** A complete soil, odorless, ready to use. Use as is—already prepared for you. When filling pot with soil be sure to leave enough room at top of the pot for water. 1 1/2-lb. bag 25c., 4-lb. pkg. 50c.

**Rapid-Gro.** A highly concentrated fertilizer for all growing flowers and shrubs. 2-oz. envelope 25c., 8-oz. can 69c., 1-lb. can \$1.25, 2-lb. can \$2.35, 5-lb. can \$4.50.

**Rose Food 8-10-4.** Specially compounded to contain 50% organic matter for the discriminating rose fancier and grower. Completely mineralized, 100% plant food carrier, no fillers; encourages brilliant colors, vigorous foliage and resistance to disease. 5 lbs. 75c., 10 lbs. \$1.40.

## RECOMMENDED APPLICATION OF COMMON FERTILIZER MATERIALS

Name of Material	Analysis: Nitrogen—Phosphorus—Potash	Rate of Application	
		Dry	Liquid
<b>Ammonium Sulphate</b> .....	20-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
<b>Nitrate of Soda</b> .....	16-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
<b>Dried Blood</b> .....	13-0-0	2 lbs. per 100 sq. ft.	Insoluble
<b>Superphosphate</b> .....	0-20-0	5 lbs. per 100 sq. ft.	Insoluble
<b>Bone Meal</b> .....	2-27-0	5 lbs. per 100 sq. ft.	Insoluble
<b>Muriate of Potash</b> .....	0-0-62	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
<b>Ammonium Phosphate</b> .....	11-48-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
<b>Blood and Bone</b> .....	8-20-0	3-4 lbs. per 100 sq. ft.	Insoluble
<b>Bone Tankage</b> .....	5-30-0	3-4 lbs. per 100 sq. ft.	Insoluble
<b>Iron Sulphate</b> .....	0-0-0	1 lb. per 100 sq. ft.	1 oz. per 2 gal.
<b>Calcium Sulphate</b> .....	0-0-0	3-5 lbs. per 100 sq. ft.	
<b>Magnesium Sulphate</b> .....	0-0-0	1/2 lb. per 100 sq. ft.	
<b>Manganese Sulphate</b> .....	0-0-0	1/4 lb. per 100 sq. ft.	

# BERRY, FRUIT AND GARDEN SUPPLIES

## BERRY BASKETS

Made of Sweet Gum

Standard quart and pint-size baskets for Strawberries and other small fruits. Best quality. "Arrow Brand" berry baskets are superior to other makes. They are packed securely in cartons of 500, \$19.00 per 1000.

## NEPONSET PAPER POTS

Size	Vita-Black for Growing		Red for Shipping	
	100	1000	100	1000
2 in.	\$1.50	\$14.00	\$0.90	\$ 8.60
2½ in.	1.55	14.30	.90	8.60
2½ in.	1.60	14.85	.90	8.70
3 in.	1.70	16.40	1.10	9.15
3½ in.	2.25	21.60	1.35	12.20
4 in. (500 to case)	2.60	24.35	1.55	14.70
5 in. (500 to case)	3.25	31.85	1.95	18.15
6 in.	4.25	41.70	2.50	22.25

## STEEL LAWN SWEEP



Designed so that all teeth touch the ground when swept across the lawn, thus utilizing the full 18 inch width and gathering everything in its path. The smallest leaf or twig does not escape the action of this type rake. Handle 3½ ft. \$1.75.

## OAK RAKES

Made of split oak rigidly secured, with handle. Just the thing for cleaning grass clippings from walks, flower beds, borders, and the lawn.

18 in. With oak handle	\$1.40
24 in. With oak handle	1.90
30 in. With oak handle	2.40

## ADJUSTO PLANT SUPPORTS

An excellent plant support consisting of a single, strong, square, green-painted stake equipped with a wire ring which surrounds the plant supporting it and is adjustable to any height. Excellent for supporting Delphiniums or Dahlias.

3-ft. size	Each 45c., doz. \$3.50
6-ft. size	Each 50c., doz. 4.50

## ADJUSTO STAKES ONLY

3 ft.	\$1.60 doz.
4 ft.	2.00 doz.
5 ft.	2.40 doz.
6 ft.	2.80 doz.

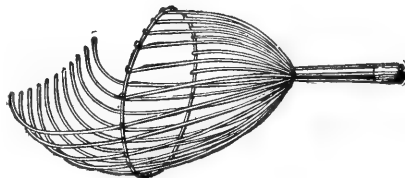
## PLANT PROPS

16 in. over all	\$0.70 doz.
30 in. over all	1.60 doz.
42 in. over all	1.90 doz.

## GREEN THUMB GARDEN TOOL

Especially designed for indoor gardening. The combination Garden Tool, is precision made of finely polished solid brass. Combines strength and durability with fine craftsmanship. Will last a lifetime. Combines trowel and rake in a single unit. \$1.00.

## FRUIT PICKER



The best fruit is always out of reach. As a Fruit Picker it has no superior. It is made of heavy wire and easily adjusted to a pole. 90c.



## DIRT-PROOF, WASHABLE GARDEN GLOVES

All Leather and Durable Yet Soft as Kid and Easy to Wear

For Men and Women

Eezy Wear gives you everything you've been wanting in a garden glove: all leather protection from dirt, scratches, stains, infection—yet permit almost barehand freedom.

Sizes for women (small, medium, large), \$1.35; for men (medium, large), \$1.45 a pair.

## BIRD PERRENIAL POTS

5 in.	\$36.50 per 1000
6 in.	51.50 per 1000
7 in.	62.85 per 1000
8 in.	60.00 per 1000

## "WIK-FED" FLOWER POTS

Water Plants Automatically

Moisture-proof reservoir at base feeds water to roots of plants by capillary action, through a non-rotting filter.

	Each
4-in. top diam.	\$1.00
5-in. top diam.	1.50

## WOOD LABELS POT LABELS

½ in. Wide

Size	Prices per 1000	
	Plain	Painted
4-inch	\$2.75	\$3.30
5-inch	3.00	3.60
6-inch	3.30	4.05
8-inch	4.80	6.00
10-inch	5.80	7.10
12-inch	6.80	8.40

## TREE LABELS (Wired)

3½ in.	75c. per 100, \$5.00 per 1000
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## ROOTONE

Reg. U. S. Pat. Off

### Makes Cuttings Easy to Root

Dip cuttings in Rootone before planting to give faster and better rooting. Stimulates root growth on cuttings; quickens germination of seed and bulbs; reduces damping-off and wards off fungous attack. ¼ oz. pkg. (treats 400 cuttings) 25c., 2-oz. jar \$1.00, lb. \$5.00, postpaid.

## TRANSPLANTONE

Contains Vitamins and Hormones. For use in planting seedlings, shrubs, trees. Makes roots grow for earlier flowers and bigger crops. Reduces wilt. ½ oz. 25c., 3 ozs. \$1.00, lb. \$4.00.

## FRUITONE

The Hormone Spray

Makes Apples, Peaches and Pears stick on the tree. Makes seedless Tomatoes. Stops premature drop. Makes Christmas greens last longer. For seedless Tomatoes use two teaspoons Fruitone per gallon of water. Trial pkt. 25c., 2 ozs. \$1.00.

## ROOTONE No. 10

For Woody Plants

2-oz. can.	\$2.00
1 lb. can.	10.00

## FERTILE POTS

For Better, Earlier Crops

Pots made with proper amount of fertilizer for earlier and better plants. Roots not disturbed by setting pot and all in earth, even in dry weather.

Carton of 12—2 in. pots	\$0.50
Carton of 100—2 in. pots	2.50
Carton of 500—2 in. pots	9.00
Carton of 12—2½ in. pots	.60
Carton of 100—2½ in. pots	2.75
Carton of 250—2½ in. pots	5.00
Carton of 12—3 in. pots	.75
Carton of 100—3 in. pots	3.25
Carton of 250—3 in. pots	5.75

## PLASTIC SOIL SOAKERS

20 ft.	\$2.75
35 ft.	3.85

## HOTKAPS

1000 or more, \$18.35 per 1000.

5000 or more, \$18.20 per 1000.

Hotkap Home Garden Package, 25 Hotkaps and Card-board Setter. 95c.

Special 100 package, containing 100 Hotkaps garden setter and tamper. \$3.15.

Special 250 package, containing 250 Hotkaps, garden setter and tamper. \$5.90.

Steel Hotkap setter and tamper. 1.95. Garden Setter. 20c.



# SPRAYERS AND DUSTERS

PRICES SUBJECT TO CHANGE

## Smith Open Top Sprayer

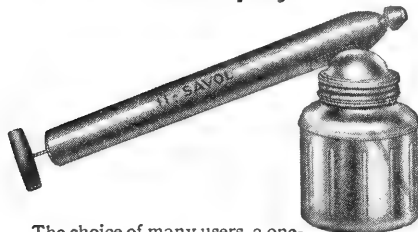


**No. 24 G.O.** Compressed Air Sprayer. 3½ gallon capacity, corrugated tank, double bottom for double strength, has large, 5-in. diameter opening for easy filling and cleaning, automatic shutoff with trigger control. Pump cylinder, 14 in. long with brass check valve. Has simple, foolproof device for locking pump to tank. \$12.64.

**No. 21G.F.** 3½ gal. Funnel top. \$8.64.

**No. 25G.F.** 2 gal. Funnel top. \$7.92.

## No. 11S Sprayer



The choice of many users, a one-quart continuous action Sprayer designed for long life and efficient operation. The all brass nozzle is adjustable to any angle of spraying desired and the patented plunger construction assures maximum results with little effort on the part of the operator. As an added feature the non-corrosive glass container is graduated, providing a constant view of the solution within. \$2.10.

**No. 2T.** Capacity 32 oz. plain tin single action sprayer for household and garden use. 62c.

**No. 15S.** Capacity 3 qt. heavy galvanized tank. Especially designed as a cattle sprayer and for use in spraying fly sprays, lice exterminators, insecticides, disinfectants and weed killers. Ideal for use in dairy barns, poultry and hog houses, gardens, greenhouses, stores, hotels, public buildings. \$2.85.

## Crystal Duster



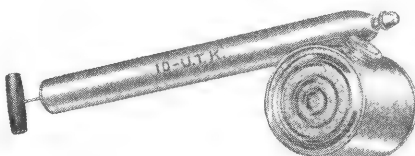
A highly efficient Duster adapted to the widest variety of uses, having a glass dust chamber, resistant to the destructive effects of disinfectant and insecticide powders.

**Crystal Duster**.....\$2.65

**No. 23-GF.** Right size tank sprayer, 1½ gal. with extra long hose and adjustable nozzle. \$9.90.



**No. 5C**—5-oz. A splendid sprayer for household use for spraying plants, and flowers. For spraying insecticides to kill moths, flies, mosquitoes, roaches and other vermin. 35c.



**No. 10**—The U.T.K. is a very good continuous sprayer. The twin brass nozzles and discharge tube are easily removed without tools for cleaning. Nozzle throws large, continuous fog spray straight ahead or at an angle. Easily sprays underside of plant leaves. \$1.50.

## G and S Master Sprayer

G and S Master comes equipped with an adjustable nozzle brass goose neck extension. No tank to rust. Will throw a stream 40 to 50 feet, with the twist of the wrist will produce a mistlike spray. \$8.95.

## COPPER and BRASS SPRAYER

**No. 14Q.** One-quart size, seamless solid brass pump; 14 in. by 1½ in. Tank—Heavy solid copper, capacity two quarts; screws to pump. Complete sprayer highly polished and lacquered. Very attractive. \$4.95.

## JIM DANDY CART SPRAYER

For all kinds of spraying, Weed Killer, 2,4-D, DDT, vegetables, fruits and buildings. 5-gallon capacity, 5½ in. opening for easy filling. \$37.40.

## CYCLE JR. CRANK TYPE DUSTER

The new Niagara Cycle Jr. is a hand duster which makes crop protection for the small grower easier, more pleasant and more efficient. \$30.00.

**Cyclo Crank Duster with Y-attachment.** A new Niagara product in a hand duster which makes a crop protection for the small grower easier. More pleasant and efficient to use. \$35.00.

## MISCELLANEOUS DUSTERS

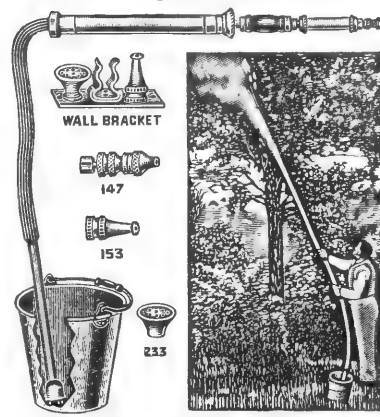
- Niagara Duster, 1-pt., tin.....\$1.25
- Niagara Duster, 1-pt., tin, with extension..... 1.85
- Niagara Duster, 1-qt., tin..... 2.40
- Niagara Duster, 2-qt., tin..... 4.50
- Weed Burner.....25.12

We carry in stock sprayer hose and parts

## E-Z-G G1. KNAPSACK SPRAYER

5 gallon capacity for spraying garden crops, flowers, trees and bushes. Brass adjustable nozzle for fine or coarse spraying. \$35.80.

## CCC Spray Pump



The CCC Spray Pump is made entirely of brass. Sprays tall fruit and shade trees, shrubbery, flowers, garden vegetables, white-wash, etc., without fuss or muss. Easily operated, no complicated parts, and comes complete with wall bracket and 3 spray nozzles for CCC Spray Pump complete. \$12.85.

## Smith No. 45 Sturdy Spray Pump Double Action, Continuous Unbroken Spray

Made entirely of heavy solid brass. With slow, easy pumping, nozzle throws a powerful, continuous, unbroken spray or stream as desired. Will spray the tallest tree from the ground. \$12.00.

## Smith New Streamline Wheelbarrow Sprayers

**No. 60 SG.** An 18-gal. Armco steel bucket tank and steel wheel. 61 in. high, 38 in. overall width. Nice for wheeling between narrow rows. \$50.40.

## No. 37D Handy Duster



**No. 37D Handy Duster.** The Handy Duster is well built and low priced. It is an easily operated duster for use around the house, garden or poultry house. The dust chamber holds one pint. Heavy tin, painted. \$1.10.

**Small Household Duster.** A splendid little duster for use around the house for dusting insect powders to destroy flies, cockroaches, water bugs, etc. Also for dusting flower plants and small garden vegetables. 60c.

## Arnold Hose Sprayers

Just attach to your garden hose. Trans-parent cartridge chrome or brass sprayer. Cartridges available for insects or disease. **Chrome Finish.** Adjustable nozzle...\$6.50 **Brass Finish.** Adjustable nozzle... 6.00 **Plastic Cartridges**.....40c. each **Combination Set** for spraying weeds—1 sprayer and 2 Weed-O-Spray cartridges.....\$1.75

# GARDEN TOOLS

## RAKES



**Steel Garden Rakes.** Made of the best cast steel.  
**No. 12.** 12-tooth.....\$1.25  
**No. 14.** 14-tooth..... 1.50  
**No. 16.** 16-tooth..... 1.75



**Steel-Bow Rakes.** The teeth are slightly bent.  
**No. B12.** 12-tooth.....\$1.75  
**No. B14.** 14-tooth..... 1.85  
**No. B16.** 16-tooth..... 1.95

## WEEDERS



**Magic Weeder No. H. Style**

### Magic Weeders.

Style C—10 in. x 3¼ in.....\$0.29  
 Style D—10 in. x 3¼ in..... .39  
 Style G—57 in. x 5½ in..... 1.29

**Magic Weeder, No. A.** Small. Each 19c.  
**No. B.** Medium. Each 29c.  
**No. F.** Medium. Each \$1.00.  
**No. H.** Large. Each \$1.50.

**No. 165 Graswhip.** Heavy double edged tempered steel, detachable polished blade. Special ground concave edge gives shearing for cutting tall weeds or thin bladed grasses. \$2.15.

**No. 3 Grass Hook.** Hand fitting handle is secured to the tang by three double sized brass rivets which cannot loosen. Hardened and tempered blade. Perfect balance. Built for hard usage. \$1.15.

**No. 15 Scythe Type Grass Hook.** Hardened and tempered blade, ground and sharpened to keen cutting edge. Green lacquered finish. Malleable shank. Hardwood handle securely fastened through tang. \$1.40.

**No. 17 Scythe Type Grass Hook.** Polished steel blade. 39 in. ash handle riveted to solid malleable shank. Blade held in place by two sturdy rivets. \$1.50.

**No. T2 Trowel.** A well balanced tool for general use in the garden. Deep bowl. Ribbed shank for strength. Handle shaped to fit the hand. 25c.

**No. T50 Fork.** A handy tool for breaking sod or hard ground. Made of 18 in. gauge steel with turned wood handle. Baked green enamel finish. 25c.

**No. T6 Cultivator.** A splendid tool for cultivating, mulching or weeding. Baked enamel finish. Handle shaped to fit hand. 25c.

## HOES



**Square Hoes, No. G06.** 6-in., solid shank \$1.35.

**No. G07.** 7-in., solid shank, \$1.45.

## SHOVELS



**Long Handle.....** \$2.50 and \$2.75

## SPADES

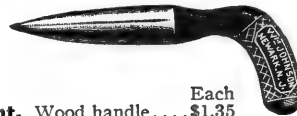


**Fox Steel Spades.** Short handle.....\$2.50

## FORKS

**Spading Forks.** Strapped shanks; short or D wood handle. Made of best-quality steel. Men's. 4-tine.....\$2.50

## DIBBLES



**Iron Point.** Wood handle....\$1.35

**Bamboo Rakes.** 18 in.....\$1.50  
 24 in..... 2.00  
 30 in..... 2.75

**No. T3 Transplanter.** A narrow trowel made for transplanting purposes. Made of 18 gauge steel. Handle fits the hand. Baked green enamel finish. 25c.

**No. T4 Weed Cutter.** 11½ in. length. 25c. each.

**No. T0 3-Piece Garden Set.** Consisting of T2 Trowel, T50 Fork, T6 Cultivator. 75c.

**No. W25 Garden Trowel.** Shank and blade one piece. Hardwood handle fits snugly in socket. Strong durable polished enamel blade. 65c.

**No. 22 Garden Trowel.** Heavy steel enameled blade. Blade securely fastened. Steel ferrule. Hardwood handle. 50c.

**No. 23 Transplanting Trowel.** Blade and shank one piece. Curved narrow blade. Baked enamel finish, 6 in. blade. 35c.

**No. 24 Garden Trowel.** One piece forged steel blade. Polished hardwood handle. Heavy steel ferrule, 6 in. blade. \$1.45.

**No. 31 Spading Fork.** Very sturdy; well constructed. Balanced tines. Half polished. Polished hardwood handle. Steel ferrule, overall length 11 inches. 75c.

## PRUNERS

**VB-18 Folding Pruner.** Peg tooth blade of genuine *silver steel*, highly polished. The folding handle enables user to cover the tooth edge of the saw for carrying in the pocket. High quality beech handle, fully lacquered, fastened to the blade with nickled wing nut and rivet. 12 in. blade \$2.85.

## PRUNERS—continued

**V-40 Saw Pruner.** Turtle tooth. Made of high grade special steel, extra sharp turtle tooth pattern, hardwood handle. Extra roomy grip reinforced with dowel pin fastened to the blade with 3 nickel plated screws. Blade length 20-24 in. \$5.50.

**Professional Hand Pruner.** A professional type pruner with adjustable blade tension, curved blades and non-slip cutting action. This tool exploits the well known Calkins pattern featuring the very abrupt type hook and short blade. 7½ in. long. \$5.95.

## HEDGE SHEARS

### Riveted Handles and Notched

These shears are made to meet the demand for a better-balanced, easier-cutting, and more durable hedge clipper.

**Wiss No. 8A**—8½ in. blade. \$3.75.  
**Wiss No. 9A**—9½ in. blade. \$4.50.

## DOO-KLIP SHEARS

**Doo-Klip Long Handled Grass Shears on wheels.** No. DK303. \$3.85.

**Shears and Knives M. S. No. 5409** ½. \$2.50.



**Doo-Klip Hedge Shears.** Combines superior cutting quality with better balance and real operating comfort. Rubber handles with molded grips cushion cutting shocks. Escalloped blades hold firm, prevents bunching. Blades made of drop-forged induction hardened alloy steel. \$4.25.

**Doo-Klip Double Action Pruner** comes in a soft metal replaceable anvil and an upper blade slices forward as it cuts down. \$2.75

**Doo-Klip Grass Shears.....** \$2.20

## SHEARS AND KNIVES



**Style No. 89A**

**No. 89A**—Slice cut shear, with locking device or lever, pistol grip shape open end handles, chrome plated on steel. Knurled handle grips. 8 in. length. \$2.95.

**No. K-20 Lopping Shears.** A popular, long handle pruning shear for the home owner, small gardener, farmer or nurseryman. Strong, hardwood handles, eccentric bumper stop, variable adjustment, full forged cutting blade and hook. 20 in. long. \$3.65.

# GARDEN TOOLS AND REQUISITES

Prices subject to change without notice

## COMBINATION FERTILIZER AND SEED SOWER

This inexpensive machine was more especially designed for broadcasting the Granular or Pellet type of commercial fertilizers. It is also highly satisfactory for sowing all kinds of seed. A sturdy machine with heavy gears, strong crank and brass bushed bearings for hard use and long wear. \$5.00



## THE CYCLONE SEED SOWER



*The CYCLONE is the Best Selling Broadcast Seed Sower in the World!*

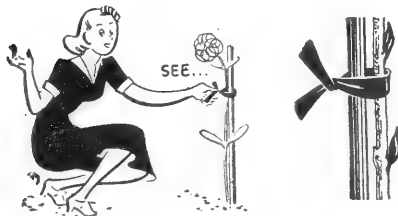
Practical and all-around, first-class grain and grass seeder. \$4.30.

## HORN SEED SOWER

\$1.60, postpaid \$1.75

## 'TWIST-EMS'

The new handy Plant-Tie. Strong, broad, dark-green, tapes with invisible wire reinforcements. Easy to use, just a simple twist of the wrist and the plant is tied. Inexpensive too. Box of 100, 8-in. length, 25c., 16 in. 50c. (Special prices quoted on larger quantities)

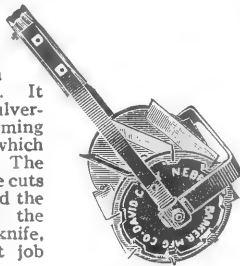


## KNEE PADS

Keeps the knees dry when working in garden or around hotbeds and coldframes. Made of black rubber with soft rubber pads. Pair weighs 17 ozs. Pair \$1.98.

## THE BARKER WEEDER, MULCHER, CULTIVATOR

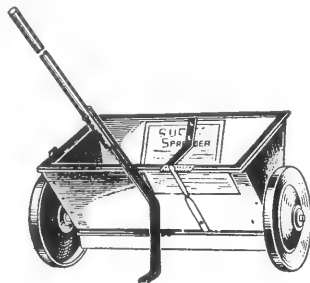
One man with a Barker can do more work, do better work than 10 men with hoes. It cultivates and pulverizes the soil, forming a soil mulch which holds moisture. The underground knife cuts all weed roots, and the reel blades clear the dirt from the knife, making a perfect job of weeding.



The Barker has 7 1/4-inch rugged disc wheels; new patented filler drum, and oscillating leaf-guards. Cutting parts of best-grade steel for its purpose.

**No. 8 1/2**—An excellent size for general garden work. It cuts an 8 1/2-in. strip. \$9.85.

**No. 10**—Knife cuts a 10-in. strip. A very popular size. \$10.55.



## SALEM SPREADERS

Every home needs this new gardening aid. Spreads lime and seed evenly and accurately. Saves time and labor. Ideal for sowing on windy days. Designed for use on established lawns.

30 in. .... \$19.40    36 in. .... \$39.50

## BAMBOO LAWN RAKES



**Bamboo Metal-Grip Lawn Rake.** Not the old flimsy kind. Made to last. 18 in. \$1.50, 24 in. \$2.00, 30 in. \$2.75.

## 'WRAP-ON' CABLE (Electric)

Prevents Frozen Pipes

Simply wrap on the electric heating cable, then wrap on the insulation and plug in the cable and thermostat—it is as simple as that. Most anyone can install. Thermostat automatically turns on current when temperature drops below 35 degrees. Lasts for years. Full instructions supplied. Order the shortest cable specified for your pipe length. Guaranteed.

**B 12.** 30 W.-115V. for 3 to 6 ft. pipe. \$1.80  
**M26.** 60W.-115V. for 6 to 12 ft. of pipe. 2.80  
**J56.** 140W.-115V. for 12 to 25 ft. of pipe. 3.00  
**S112.** 280W.-115V. for 25 to 50 ft. of pipe 6.00  
**S224.** 560W.-230V. for 50 to 100 ft. of pipe. 12.00  
**FAT**—35 degs. fixed temp. thermostat. 4.50



## SOIL-TESTING KITS

**Home Garden Kit (20 tests)**.....\$2.50  
**Club Model (50 tests)**..... 4.75  
 Additional testing fluids: 2-oz. bottle. 1.35  
 6-oz. bottle. .... 2.50  
 (Be sure to specify which fluid you need when ordering)

**Du Pont Floral Dust.** For insects and disease on flowers. 8-oz. dust gun 79c., 1-lb. canister \$1.15.

**Du Pont Vegetable and Garden Dust.** For control of insects and disease. 8-ozs. 79c., lb. \$1.15.

**Du Pont Rose Dust.** Sulphur and Fermate fungicide. 8-oz. dust gun 69c., 1-lb. canister \$1.00.

**Du Pont Tomato Dust.** For control of insects and disease. 8-ozs. 69c., 2-lb. bag 85c.

## RAT AND MOUSE KILLERS

**Cyanogas, lb.**.....\$1.25  
**Common Sense Exterminators**..... .25  
**Rat Nip**..... .35  
**Rat Bombs (Red Squill)**...\$0.15 and .25  
**Red Squill Powder**..... .50  
**Red Squill Liquid**..... \$0.25 and .65  
**Mouse Seed**..... .25  
**KRO Bisket**..... .35  
**D-Con.** Destroys rats and mice. Ready for use. No. 1 package..... 1.69  
**D-Con.** Mouse proof, clean, efficient. Ready for use. 4 ozs..... .89  
**CCC Rat Killer Liquid Red Squill.** Jar..... .65

**Black Leaf Warfarin.** Ready mixed bait is the convenient form of Warfarin rat and mouse killer. Nothing to add. It is ready to use. It is genuine warfarin machine mixed with specially selected and processed grain that never becomes rancid or sour. Rats and mice like it and continue to eat it until they die. Quickly destroys whole colonies. Lb. 78c., 5 lbs.... 2.98

**Warfarin Concentrate** is the economical form of rat and mouse killer. It makes 20 times its weight in rat or mouse killing bait. 4/5 oz. 52c., 4 ozs. \$1.75, 1 lb. .... 5.00

# Planet Jr.

**No. 17, Planet Jr., Single Wheel Hoe.**

A pair of 6-in. hoes for weeding and shallow cultivation, three cultivator teeth for deeper and general cultivation and a plow with landside for hilling, furrowing, ridging and plowing. Light and easy to handle. All steel—unbreakable. \$12.95.



**No. 12, Double and Single Wheel Hoe.**

As a Double Wheel Hoe it will straddle crops 20 in. high, cultivating both sides at once; easily changed to a Single Wheel Hoe for working between rows. Made entirely of steel and practically indestructible. \$19.50.



**No. 4, Combined Hill and Drill Seeder and Single Wheel Hoe.**

The No. 4 is a combination of the most useful tools for a moderate sized garden. Plants almost all vegetable seed in continuous rows or in hills 4, 6, 8, 12 or 24 in. apart. Single Wheel Hoe by changing one bolt. Cultivating equipment includes all the essential equipment for hoeing, weeding, cultivating, plowing, furrowing, ridging, etc. The tools are oil hardened and tempered and will wear almost indefinitely. \$31.95.

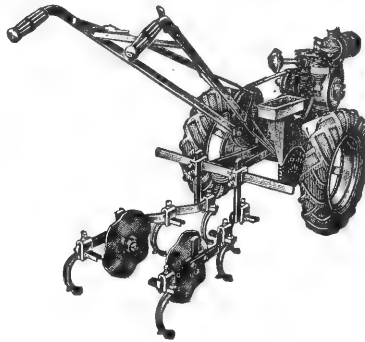
**Planet Jr. No. 300 Seeder.** For muck and sandy soils. \$34.95.

**No. 119 Wheel Hoe.** \$8.50.

**Planet Jr. No. 2 Edger.** \$2.75.

**Also Separate Attachments for All Types of Planet Jr. Equipment**

## PLANET JR. GARDEN TRACTORS AND EQUIPMENT



The Planet Jr. Garden Tractor Model B1 is a two-wheeled tractor. It has a 2 horse-power engine. It is light and easily handled, but will do an amazing amount of work.

Planet Jr. Garden Tractors are both practical and economical for the home and market gardener.

**BP1 2 H.P. Garden Tractor and Cultivator** with rubber tires. \$219.95.

**B58 Field Mower** with 34 in. Cutting Bar. \$158.00.

**B40 Snow Plow.** \$31.50.

**B52 Trailer Cart.** \$107.50.

**B55 Riding Attachment.** \$57.95.

**B21 Plow** with Rolling Coulter. \$39.50.

## PLANET JR. TUFFY TRACTOR

This multi-purpose tractor with its 1 horse-power engine is light, easy to handle, easy to park and useful for many different operations. Complete with cultivator, \$117.95. Snow-Plow, \$10.95. Chains, \$5.25.

## PLANET JR. SUPER TUFFY GARDEN TRACTOR

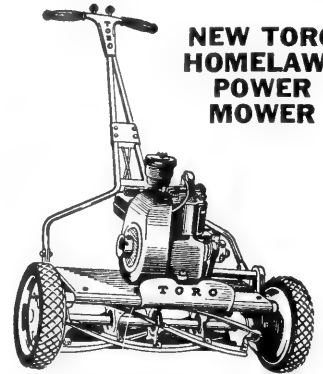
Powered with a 1½ H.P. engine; complete with cultivator and rubber tires. \$145.95.

## ARIENS SUPER ROTARY TILLER

Famous-make 2 H.P. engine. Nonbreakable "L" shaped steel tiller tines. Tillage: 12 inches wide, up to 6 inches deep. Factory-sealed lubrication.

Fast-revolving, nonwinding steel tines prepare level, aerated seedbed without plowing or spading; cultivate all season long close to plants, between rows. \$182.50.

## NEW TORO HOMELAWN POWER MOWER



(Lightweight Steel)

New Toro 21 inch Sport Lawn Power Mower. Built for long trouble-free service. Does a beautiful mowing job through heavy grass and steep slopes with ease. 1.6 h.p. Briggs & Stratton engine. Cutting knives of Disston tempered tool steel. Oversized precision ball bearings. Fingertip control of speed and traction. Cutting height easily adjusted. 2½ inch wide diamond tread rubber tired. Automatic rewind starter.

The 18 inch Sport Lawn Mower has the same fine features except; 1.1 h.p. Briggs & Stratton engine. Conventional rope pull starter. 1.75 x 10.50 semi-pneumatic tires, two section roller.

18 inch, 1.1 h.p.....	\$117.95
21 inch.....	142.95
18 inch, Whirlwind.....	89.95
20 inch, Whirlwind.....	132.50



Use it to save time and money when you cultivate, plow, disc, mow, harrow, or plow snow.

# PAGE the streamlined Garden Tractor

New models from 2½ to 6 H.P., with the exact tractor your work requires. Every Page tractor has complete gear drive with reverse—no cheap belts or chains! All running parts are enclosed in oil . . . no slippage or wear! Get the benefits of 27 years experience.

½ H.P. with Cultivator \$310.00

## FOLEY ROTARY POWER MOWERS

17 in., Electric.....	\$69.50
17 in., 1½ H.P. engine.....	79.50
18 in., 1.6 H.P. 4-cycle engine.....	89.50
20 in., 2 H.P.....	99.50
21 in., 2½ H.P.....	194.50



# DOG and CAT REMEDIES and SUPPLIES

## GAINES DOG MEAL

An excellent daily diet for dogs and puppies of all sizes and breeds. Just add water—nothing else—and Gaines offers dogs all the Vitamins and other food factors they're known to need. And dogs love it. In fact, actual surveys show that nine out of ten dogs like Gaines right from the very first feeding. Chosen by the U. S. Antarctic Expedition and now fed by the U. S. Army.



5 lbs. .... \$0.90    25 lbs. .... \$3.50  
 10 lbs. .... 1.75    50 lbs. .... 6.75

## SPRATT'S PATENT DOG FOOD

**Spix.** A medium-size dog cake for all breeds. The best results are obtained by giving the biscuits dry, not soaked, thereby compelling the dog to gnaw the food and thus producing copious flow of saliva which materially aids digestion. 5 lbs. \$1.25, 25 lbs. \$5.50, 50 lbs. \$10.50. Postage extra.

**Ovals.** (The Pocket Dog Biscuit.) Oval Biscuits. Wonderful for all dogs, especially the smaller breeds. Contains plenty of meat; crunchy and satisfying. Convenient to feed and easy to carry in the pocket when on a walk with your dog. 5 lbs. \$1.25, 25 lbs. \$5.50. 50 lbs. \$10.50. Postage extra.

**Charcoal Biscuits** (Oval Size). Same as Ovals with pure charcoal added. Black in color. Aid in absorbing intestinal and stomach gases. Every dog should have a full meal of Spratt's Charcoal Ovals once or twice a week, meat-fed dogs oftener. All dogs eat them with avidity. A safeguard against canine ills. 5 lbs. \$1.25, 25 lbs. \$5.50, 50 lbs. \$10.50.

**Mixed Dog Biscuits.** Offered for the purpose of giving your dog just the variety of crunchy foods that he needs for the maintenance of stamina and good health. The combination is made up of Spix, Ovals, Charcoal Ovals, Cod Liver Oil Ovals, and Fish and Meat Ovals, and constitutes an ideal all-the-year-round food. 5 lbs. \$1.25, 25 lbs. \$5.50, 50 lbs. \$10.50.

**Spratt's Cod Liver Oil Ovals.** 5 lbs. \$1.10, 25 lbs. \$5.50, 50 lbs. \$10.50.

**Spratt's 34 Kibbled.** 5 lbs. \$1.10, 25 lbs. \$5.50, 50 lbs. \$10.50.

**Spratt's Fibo.** 5 lbs. \$1.25, 10 lbs. \$2.25, 50 lbs. \$10.95.

**Cero-Meato Kibbled Dog Biscuit** contains cereal, meat and bone. Lb. 16c., 5 lbs. 75c., 10 lbs. \$1.45.

**Sturdy Meal.** Lb. 13c., 5 lbs. 60c.

**Sturdy Kibbled.** Lb. 13c., 5 lbs. 60c.

## WM. COOPER & NEPHEWS PRODUCTS

- Pulvex Flea Powder with D.D.T. .... \$0.60
- Pulvex Dry Cleaner..... .50
- Pulvex Soap..... .30
- Pulvex Worm Capsules..... .60
- Cooper's Pine Oil Disinfectant..... .50
- Pulvex Spongeaway..... 25c. and .50
- Tick Powder..... .75
- Aerosol Flea Killer..... 1.69
- Flea Powder for Cats..... .60

## SERGEANT'S DOG MEDICINES

- Sure Shot Capsules..... \$0.65
- Puppy Capsules..... .65
- Skip-Flea Soap..... .39
- Tape Worm Medicine..... .65
- Sure Shot Flea Powder..... .60
- Dry Cleaner..... .60
- Skip Stain..... 1.00
- Disinfectant..... .60
- Skip Bath. 1 pt..... .80
- Skin Balm. 6 ozs..... 1.00
- Vita Pets..... .65
- Mange Medicine..... .65
- Ear Creme..... .75

## DR. A. C. DANIELS' REMEDIES

For Dogs, Puppies, Cats and Kittens

- Catnip Leaves and Blossoms..... \$0.25
- Danilax. A liquid tasteless laxative... .80
- Dermite. For Sarcopic Mange..... 1.00
- Effer Wash. For canker, sores, ears... .50
- Flea Powder. For fleas and lice..... .35
- Germi Powder. For sores, cuts..... .50
- H.B.O. Liquid For hair balls in cats.. .80
- Katonic. A great tonic for cats..... .35
- Nasal Balm. Head colds, catarrh.... .50
- V. M. Capsules. Full of vitamins.... 1.00

## MISCELLANEOUS REMEDIES

- Spratt's Cat Worm Capsules..... \$0.20
- Spratt's Dry Cleaning Powder..... .35
- Super Cedar Kennel Bedding. 5 lbs.. 1.00
- Rex Wheat Germ Oil. Pt. \$3.45, 4 oz. 1.00
- Spratt's Cat Food. Per carton 17c., .45
- Catnip Mice..... .20
- Catnip Leaves..... .25
- Tuff Stuff Flea Powder for Cats.... .49
- Tuff Stuff Flea Powder for Dogs.... .49
- Sunday Shower. A dry shampoo for dogs..... 8½ ozs. 59c., Pt. 1.00

DOES YOUR DOG ITCH?

DON'T BLAME FLEAS

When dogs itch—scratch continually it's usually not due to fleas, mange, dirt. 2 to 1 it's a FUNCTION—grass-borne fungus (infection) long a puzzle to scientists. Now a noted specialist's discovery—SULFADENE—applied externally, stops itching in minutes... clears up scales and sores in a few days. Generous treatment only 98c. Guaranteed.

DR. MERRICK'S SULFADENE

## FLEA-NO-MAT

Fleas hate it—dogs love it. May be used as sleeping mat, or on other bedding.

15 in. x 28 in. .... \$2.95  
 28 in. x 36 in. .... 4.95

**Dog Tags.** Metal tags with name of dog owner, address, phone number. Only \$1.25.

One-Spot Flea Killer

FOR FLEAS 35¢

DUST ON ONE SPOT Guaranteed by Manufacturer

KILLS Lice  
Ants  
Fleas  
Aphids  
Bedbugs  
Crab Lice  
Potato Bugs  
Bean Beetles

## ITCH-A-WAY

A sulphur ointment to allay continuous scratching and skin disorders. 25c. and 50c.

## HILO DIP & DISINFECTANT

Kills fleas and lice in 10 minutes; ticks, overnight. 1-oz. bottle 30c., 3 ozs. 60c., 6 ozs. \$1.00.

## HILO OINTMENT

Stops itching quickly. Helps healing of Summer exzema sores. 1-oz. jar 35c., 2 ozs. 60c.

## HILO ROTENONE FLEA POWDER

½-oz. can 30c., 4-oz. can 60c.

## HILO BATH

Aerosol form, 5-oz. can..... \$1.29

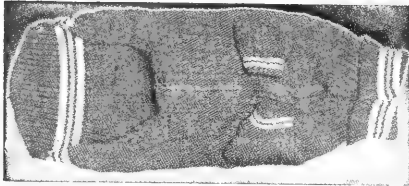
## SNIFF

Non-poisonous dog repellent spray for all kinds of outdoor shrubs. Dilute one-half when using. 8 ozs. 80c.

## MAGITEX

Bubble bath shampoo for dogs. 4-ozs. 60c., 8-ozs. \$1.00.

# DOG FURNISHINGS AND SUPPLIES



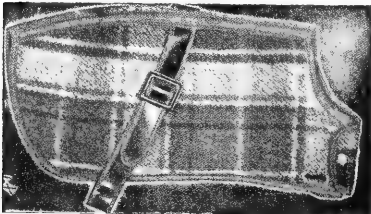
**Dog Sweaters**, assorted sizes..\$1.50 to \$3.50

## DOG SWEATERS and BLANKETS

Heavy Pioneer part wool knitted dog sweater. Attractively striped. Colors: red, green, navy. Sizes: 10, 12, 14, 16, 18, 20. The lowest priced zipper sweater sold.

Heavy woolen blanket, plain and

scotch plaid materials, bound in attractive colors, colored enamel slide buckle with four button snaps to match. Buttons across the chest and is double breasted. Sizes: 10, 12, 14, 16, 18, 20.



**Dog Blankets**, assorted sizes..\$1.50 to \$3.50



## DOG HARNESS

Assorted sizes.....45c. to \$3.50  
**Complete Line of Dog Collars, Harness, Leads, Blankets, Combs and Brushes**

## DURHAM DUPLEX DRESSER

Popular plucking and stripping comb. Packed in attractive tube. \$1.50.

## DOG LEADS

Flat and round leather.....75c. to \$2.25  
**Cast French Snap-Nickel Finish.** 30c.  
**Cast Halter Snap-Nickel Finish.** 15c.

## DOG COLLARS

A full assortment of round and flat leather. Collars. 50c. to \$5.00.

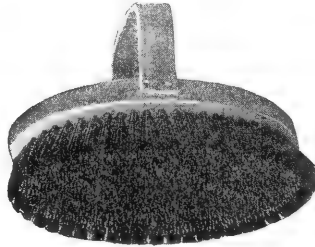


Round Dog Collars \$1.00 to \$2.50

**NOT ADEQUATE SPACE TO MENTION ALL ACCESSORIES**

## DOGGY DYNERS

Metal base, assorted colors.  
 Dog size, double glass dishes.....\$1.39-\$1.69  
 Aluminum dog dishes.....\$2.75 up



## LEATHER BACK BRUSH

Loop handle with fibre bristles set in leather. For grooming all dogs.  
 Size: 5 in. long by 2½ in. wide.....\$1.75

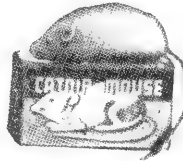
## DOG COMB HEAVY NICKEL PLATED STEEL COMB WITH HANDLE

**No. 14. Dog Comb.** Steel, Nickel, Wooden Handle.  
 Coarse rounded teeth for large dogs.  
 Size: 6½ in. long by 1½ in. wide.....\$1.50

## NAIL CLIPPER

Scissor type. Made of nickel plated steel.  
**Resco Nail Clipper.**  
 Each \$2.75.

**CATNIP MICE**  
 Assorted colors, 20c.



## BASKET BED

Made of durable willow with willow floor mounted on legs. Cedarized cushion included in price.  
 Sizes: 18 in.....\$2.25 22 in.....\$3.00  
 20 in..... 2.50 24 in..... 3.25

## DOG CARRIERS

A volume seller carrier. Made of hard fibre, strictly sanitary. Equipped with proper ventilation. Brass catches, leather handle. Color: Black.  
 Lengths: 16 in...\$4.50 20 in.....\$6.25  
 18 in... 5.50 22 in..... 6.75

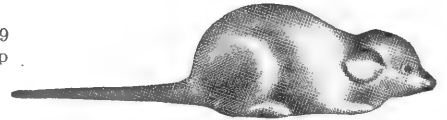
## CEDAR SHAVINGS

5-lb. bag Cedar Shavings, made of the finest aromatic Red Cedar. These shavings will provide a clean wholesome bed for the dog, keep his coat glossy, deodorize his kennel and drive fleas away. \$1.00.

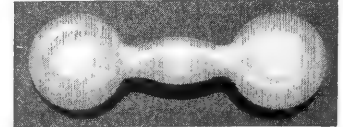
## STEEL DOG-E-BEDS and MATTRESSES

These are of exceptional beauty and value. Sturdily constructed and finished in high grade enamel, with attractive trim. Equipped with sanitary mattresses which can be washed and cleaned. \$9.75

## TOYS FOR PETS



**Rubber Rats**.....25c., 35c., 50c.



**Dumb Bell** ..... 50c., \$1.00

## KENNEL KLUB



## SILENT DOG WHISTLE

Silent Whistle.....65c.



**Rubber Bones**, scented.25c., 35c., 65c., \$1.00

- Sentoy Bone**..... \$0.35
- Rubber Rat**..... .35
- Crackie Bone**..... .98
- Rubber Balls**.....25c. and .50
- Oswald the Rabbit**..... .75
- Porky the Pig**..... .75
- Rag Doll**..... .50
- Cat Heads**.....75c. and 1.25
- Silent Whistle**..... 1.00
- Dumb Bells**.....50c. and 1.00
- Lamp Post**..... .90
- Hydrants**......90
- Real Bone**..... .25
- Sanitary Bone**..... .50
- Scratch Post for Cats**..... 1.95

## BRUSHES

\$1.00 up

## FLEA COLLARS

For dogs only. No fuss, no trouble, easy to put on. Adjustable. Works 24 hours a day. Only 39c.

## CADDIE DOG CLEANING CLOTH—With Chlorophyll

Will clean your dog without washing. Just rub over dogs coat; relieves itching, kills odors, eliminates the necessity of frequent baths thus helps to avoid colds. Regular use will prevent fleas and ticks. 49c.

## COLLARS

35c. to \$5.00

## TIE OUT CHAINS

Strong tenso kennel or tie out chains. Galvanized finish. Swivel snaps at both ends. 10 ft. \$1.15, 15 ft. \$1.75.

# POULTRY SUPPLIES

All Prices Subject to Change Without Notice

POULTRY FEED

GRIT

CHARCOAL

OYSTER SHELL

TOBACCO DUST

## DR. HESS AND CLARK POULTRY REMEDIES

**Panamim** (Formerly Pan-A-Cea). A conditioner and mineral supplement. 1½-lb. pkg. 40c., 5-lb. pkg. \$1.10, 10-lb. pkg. \$1.90.

**Instant Lice Powder.** For dusting nests, fowl, chicks, etc. Lb. pkg. 60c., 2½-lb. pkg. \$1.25.

**Dip and Disinfectant.** For spraying poultry houses, stables, etc. Qt. can \$1.00, gal. can \$2.50.

**Hess and Clark Stock Tonic.** 2 lbs. 50c., 5 lbs. \$1.10, 10 lbs. \$1.90, 35-lb. pail \$5.25, 100-lb. drum \$13.00.

## LEE'S POULTRY REMEDIES

**Germozone.** The standard remedy for the prevention roup and cholera. 4 oz. 50c., 12-oz. bottle 90c., 32 ozs. \$1.75, ½ gal. \$3.00, gal. \$5.25.

**Lee Mulsion.** It is much like a cough syrup for a human and acts allay cough. 12-oz. bottle \$1.25, 32 ozs. \$2.50, ½ gal. \$4.00, gal. \$7.50.

**Vapo-Spray.** Is a compound of oils that is especially valuable in the treatment of Flu. Qt. can \$2.50.

**Mite Killer.** Has been the standard poultry house insecticide for 30 yrs. Qt. 80c., ½ gal. \$1.20, gal. \$2.00.

**Dip and Disinfectant.** A standardized coal tar Creosote stock dip and disinfectant. Qt. \$1.00, gal. \$2.65.

**Tonax.** A tonic and conditioner for chickens and turkeys. Powder form easily mixed with mash. Use 1 to 4 lbs. according to age of birds. 12-oz. can 40c., 2-lb. can \$1.00.

**Gizzard Capsules.** The new Gizzard Capsule, with the medicine enclosed in nine coatings.

	Adult Size	Chick Size	Pullet Size
50 capsules, pkg. ....	\$0.85	\$0.45	\$0.60
100 capsules, pkg. ....	1.40	.85	1.10

**Blitz Spray.** Pt. 75c., qt. \$1.25.

**Acidox.** 4 ozs. 50c., 12 ozs. \$1.00.

**Capette Pellets** for caponizing and increasing the tenderness, flavor and weight by producing more body fat. 100, \$3.00. Implantor, \$2.25.

**Magic Egg Brush.** For cleaning eggs. Each 60c.

**Replacement Bands.** 3 for 40c.

**Walko Tablets.** A valuable drinking water antiseptic for all poultry at all ages. 60c., \$1.20, \$2.50.

## RABBIT SUPPLIES

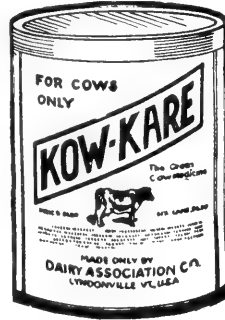
**Rabbit Pellets.** Feeders and Waterers. Rabbit Salt Spools, plain, iodized, mineral and sulphur.

**Carbola with Lindane.** A white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. 5 lbs. (2½ gals.) \$1.00, 10 lbs. (5 gals.) \$1.50, 50 lbs. \$5.85.

**C.C.C. Louse Powder.** 1-lb. can 50c.

**Don Sung Tablets.** Scientifically compounded to make a balanced tonic and regulator for hens and to stimulate egg-laying. Pkgs. 50c., \$1.00 and \$5.00.

**Kow-Kare.** A remedy in powder form, to be given in regular feed. It purifies the blood, strengthens the appetite. It increases the milk-flow. Small size \$1.00, large size \$1.50.



**Toxite.** Very effective in the control of coccidiosis, round worm and red mites, which are transmitted by contaminated litter. Qt. \$1.00, gal. \$2.50, 5-gal. can \$10.00.

**"Black Leaf 40."** Kills lice. Just paint the roosts. 1 oz. paints 12 ft. roost 35c., 5 ozs. paints 65 ft. \$1.05, 1 lb. paints 200 ft. \$2.42. 2 lbs. paints 400 ft. \$4.15, 5 lbs. paints 1000 ft. \$7.40, 10 lbs. paints 2000 ft. \$12.65, 50-lb. drum \$53.00.

**Calf Cordial.** For scours. \$1.00.

## JIFFY WAY EGG GRADING SCALE

Has been officially adopted as the standard scale in many sections of the United States. Made entirely of metal. Indicates grade instantly. Each \$2.05.

**B-K Powder.** Small size 85c., large size \$1.70.

**Composition Nest Eggs.** Enameled white. Each 5c., doz. 50c.

**Bag Balm.** There is no remedy so quick and certain in its curative powers for all diseases of the cow's udder and teats as Bag Balm. \$1.00.

## DR. NAYLOR REMEDIES

	Size
Medicated Teat Dilators.....	\$1.00
Medicated Teat Dilators.....	.50
Udder Balm.....	.75
Udder Liniment.....	1.00
Linite.....	1.00
Direne.....	1.00
Dehorning Paste.....	1.00
Stop-A-Leak.....	1.00

**Brooder Pipe and Elbows.** 30c. up.

**Brooder Thermometers.** 45c. to \$1.25.

**Glass Cloth.** 72c. yd.

**Poultry Crates.** \$3.50 each.

**Toxite for Litter Spray.** \$2.25 gal.

**Wicks.** 5c. each.

**Egg Baskets.** Wire, \$1.00 each.

**Egg Shipping Crates.** 30 dozen size. \$1.25.

**Egg Case Fillers.** 100, \$4.00.

**Egg Case Flats.** 100, \$2.50.

**Egg Scales.** \$2.05.

**Metal Egg Crates for Shipping.** 2-doz. \$2.25, 3-doz. \$2.75, 4-doz. \$3.25.

**405 Electric Brooder.** \$26.75.

**Brooder Pipe.** 4 in. 25c., 5 in. 30c.

**Fount Lamps.** \$2.50.

**Roof Saddle—Adjustable.** \$2.15.

**Celluloid Leg Bands.** Assorted sizes and colors. 50, 40c.; 100, 70c.

**Buttermilk Crock Fountains.** 50c.

## CATTLE REMEDIES

**Du Pont Cattle Spray.** Wettable powder. Active ingredients: Methoxychlor, technical 50%, inert 50%. 1-lb. can \$1.25, 4-lb. bag \$4.00.

**Du Pont Barn Insecticide.** Active ingredients: Methoxychlor 50%, Lindane 3%; Inert 47%. 1-lb. can \$1.60, 4-lb. bag \$5.40.

**O-H Cow Relief Ointment.** For congested or caked bag. \$1.00.

## MORTON'S MEAT CURES

**Morton's Smoked Salt.** The triple action cure. Salt, Sugar-Cure and Smoke your meat all at the same time. It eliminates the smoke house, saves time, labor and gives hams and bacon far better flavor. 7½-lb. cans \$1.25.

**Tender-Quick.** A special meat cure for beef, veal, mutton, fowl, lamb, fish, wild game, and pork specials. 2-lb. cans \$1.25.

**Sausage Seasoning.** 10-oz. can 85c.

**Meat Guns.** \$2.00.

## Read What This Morton Customer Says—

"Never have we had such delicious, tender, and palatable meat as we have had since using Morton's Tender-Quick and Smoke-Salt. We cured about 300 lbs. of meat, pumping the hams and shoulders with Tender-Quick, then cured with Smoke-Salt. Our meat could not be more delicious. We made 100 lbs. of sausage with Morton's Sausage Seasoning and it is the nicest we have ever had."

Mrs. Wm. Waterhouse, Walnut, Ill.







# BULBS TO PLANT THIS SPRING



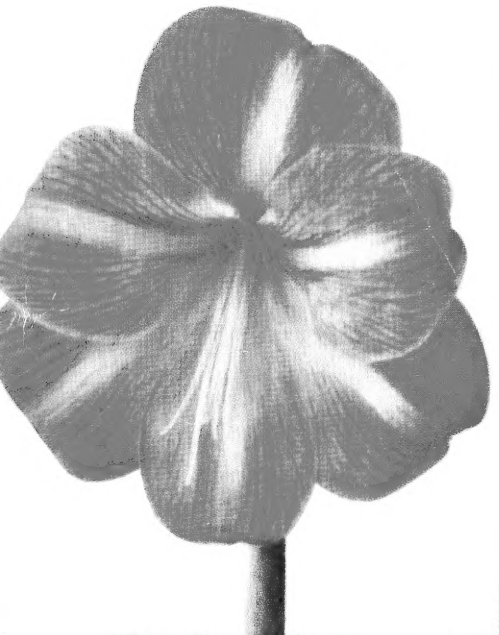
Gloxinias

## GLOXINIAS

For indoor bloom, start in January. Plant outdoors in shady locations when all frost danger is past. 40c. each, \$4.50 per doz.

## AMARYLLIS

**Giant American Hybrids.** Easily grown, showy pot-plants with Lily-like flowers of immense size. Colors range from the richest self-colors, as crimson, scarlet, and bright red, to rose, red and crimson markings on pure white grounds. We cannot supply separate colors; we offer a mixture only. Amaryllis is not hardy. 55c. each, 3 for \$1.50, \$5.75 per doz.



Amaryllis



Tuberous-rooted Begonias

## Tuberous-rooted BEGONIAS

Wonderful for a shady bed that gets plenty of moisture and has rich, loamy soil. These spectacular flowers are now enjoying great popularity. They bloom from June until frost if started indoors in February and transplanted when frost is over.

We offer the single and double varieties in Crimson, Pink, Yellow, Scarlet, White, Salmon and Mixed, as well as the Pendula or Hanging-basket type in Salmon, Red and Yellow. 2 in. and up bulbs. 30c. each, \$3.25 per doz.



Tigridias

## TIGRIDIA

(MEXICAN SHELL FLOWER)

Mexican bulbs producing showy, large, oddly shaped blooms of exotic beauty. Well suited to planting in the mixed border. Handle the same as Gladiolus. Blooms all Summer long. 1½ in. 15c. each, 3 for 35c., \$1.00 per doz.

## PERUVIAN DAFFODILS

Large, white flowers, somewhat like an Amaryllis. Blooms in Summer if planted outdoors after danger of frost is over. Must be taken up in the Fall and brought indoors for replanting next Spring. 30c. each, \$3.25 per doz.



Peruvian Daffodils

**1954**

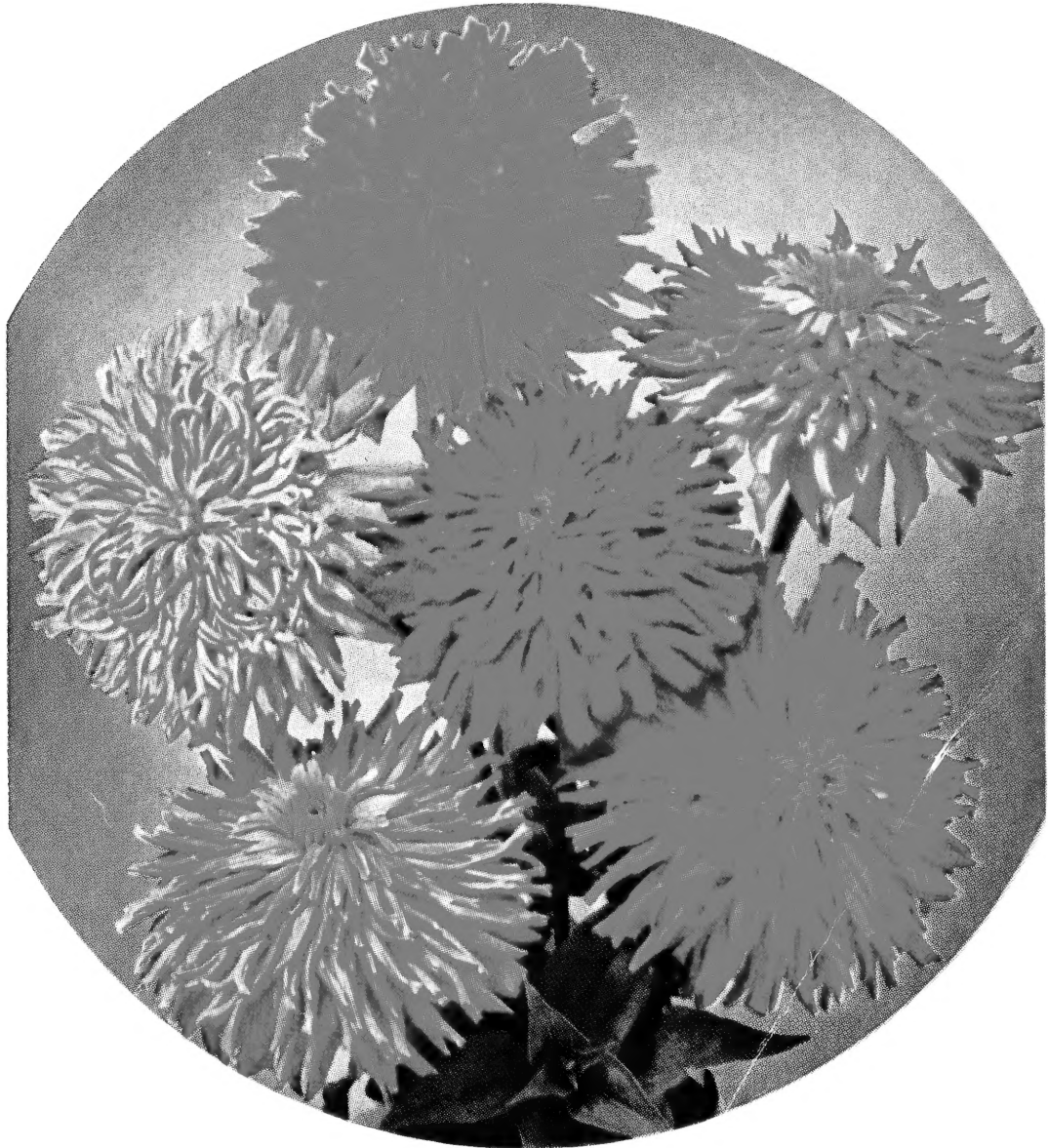
*Since 1880*

**1954**

# Quality Seeds and Garden Supplies

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**New Hybrid Zinnias  
Mixed Colors. Pkt. 25c.**

**BANFIELD-JENNINGS CORP.**

**111-115 Railroad Ave.**

**ELMIRA, N. Y.**