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BEST FOR THE WEST

# SEEDS

1934

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The Chas. H. Lilly Co.

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W. Hanford St. & W. Waterway

Seattle, Wash.

AUTHORIZED  
LILLY'S  
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H. E. Garhart

# Join the Crowd of Happy Gardeners

Gardeners are healthy, happy people, because their hobby gives them recreation, fresh air, good food and peace of mind.

## VEGETABLE GARDENING WILL RETAIN ITS POPULARITY UNDER THE NEW DEAL

The reduction in working hours will give thousands of wage earners the opportunity they have always wanted, "to get back to the land." In a small way perhaps, as far as acreage is concerned, but in a big way as far as fresh, tender, delicious, appetizing vegetables are concerned for their own table and for more and finer flowers for garden

and home decoration, and, probably most important, better health and mental relaxation fostered by plenty of wholesome outdoor recreation among growing things. The chart below tells you when to plant, how to plant, how much seed to use and when the crop will be ready to use. We hope it helps you.

### VEGETABLE PLANTING CHART

KIND OF SEED	TIME TO PLANT OUTDOORS		DISTANCE FOR PLANTS		SEED REQUIRED		Ready to Use
	South	North	Between Rows	In the Row	Row	Acre	
ASPARAGUS.....	Fall or Early Spring	February to April	5 to 6 ft.	18 to 24 in.	1 oz. to 40 ft.	2 to 3 lbs.	2nd Spring
BEANS, Bush.....	Feb.-Apr., Aug.-Sept	April, May and June	2 to 3 ft.	3 to 4 in.	1 lb. to 250 feet	90 to 100 lbs.	40 to 65 days
BEANS, Pole.....	February to April	April, May and June	4 ft.	2½ to 3 ft.	1 lb. to 125 hills	30 to 40 lbs.	70 to 90 days
BEANS, Lima.....	April to August	May and June	2 to 4 ft.	10 to 36 in.	1 lb. to 80 hills	50 to 60 lbs.	90 to 130 days
BEEETS, Table.....	Feb.-Apr., Aug.-Sept.	March to July	14 to 20 in.	2 to 4 in.	1 oz. to 100 feet	10 to 15 lbs.	45 to 60 days
BROCCOLI*.....	July and August	June to August	24 to 30 in.	14 to 18 in.	1 oz. to 1500 plants	6 to 8 oz.	120 to 150 days
BRUSSEL SPROUTS*	January to July	April to June	30 to 36 in.	18 to 24 in.	1 oz. to 2000 plants	6 to 7 oz.	100 to 120 days
CABBAGE, Early*.....	October to December	February to April	30 to 36 in.	16 to 24 in.	1 oz. to 2000 plants	6 to 8 oz.	90 to 110 days
CABBAGE, Late*.....	June and July	May and June	36 to 42 in.	24 to 30 in.	1 oz. to 2000 plants	6 to 7 oz.	110 to 120 days
CARROTS.....	Mar., Apr. and Sept.	April to July	12 to 24 in.	2 to 3 in.	1 oz. to 250 feet	3 to 4 lbs.	55 to 80 days
CAULIFLOWER*.....	Jan., Feb. and June	March to June	3 to 4 ft.	24 to 30 in.	1 oz. to 1500 plants	6 to 7 oz.	95 to 110 days
CELERY*.....	August to October	April to July	18 to 36 in.	6 to 10 in.	1 oz. to 8000 plants	4 to 5 oz.	120 to 150 days
CHICORY.....	September to March	Mar. to May, Sept.	16 to 20 in.	6 to 8 in.	1 oz. to 200 feet	3 to 4 lbs.	90 to 120 days
CHIVES.....	October to March	April and May	12 to 18 in.	4 to 6 in.	1 oz. to 200 feet	4 to 5 lbs.	125 to 150 days
SWEET CORN.....	February to April	April to June	36 to 42 in.	9 to 12 in.	1 lb. to 100 hills	12 to 15 lbs.	55 to 90 days
CRESS.....	September to March	Feb. to May, Sept.	12 to 18 in.	4 to 6 in.	1 oz. to 250 feet	3 to 4 lbs.	45 to 60 days
CUCUMBER.....	Feb., Mar. and Sept.	April to July	4 to 6 ft.	10 to 12 in.	1 oz. to 100 hills	2 to 3 lbs.	50 to 75 days
EGGPLANT*.....	February to April	April and May	24 to 30 in.	18 to 24 in.	1 oz. to 1500 plants	4 to 5 oz.	125 to 140 days
ENDIVE.....	February to April	May and June	18 to 20 in.	10 to 12 in.	1 oz. to 300 feet	3 to 4 lbs.	90 to 100 days
HERBS, Annual.....	October to December	March and April	20 to 24 in.	10 to 12 in.	1 oz. to 200 to 600 feet	3 to 10 lbs.	125 to 150 days
HERBS, Perennial.....	February and March	April to June	20 to 24 in.	10 to 12 in.	1 oz. to 200 to 600 feet	3 to 10 lbs.	Next Season
KALE.....	October to February	Mar. and Apr., Aug.	18 to 24 in.	12 to 18 in.	1 oz. to 2000 plants	6 to 8 oz.	55 to 60 days
KOHL RABI.....	September to May	March to May	16 to 24 in.	6 to 8 in.	1 oz. to 300 feet	3 to 4 lbs.	50 to 70 days
LEEK.....	May to September	May to June	14 to 20 in.	4 to 6 in.	1 oz. to 150 feet	4 to 5 lbs.	120 to 150 days
LETTUCE, Leaf.....	September to March	March to September	12 to 18 in.	4 to 6 in.	1 oz. to 600 feet	4 to 5 lbs.	40 to 70 days
LETTUCE, Head.....	September to February	February to August	12 to 16 in.	12 to 14 in.	1 oz. to 3000 plants	1 to 1½ lbs.	70 to 90 days
MUSKMELON.....	February to April	April to June	6 to 8 ft.	4 to 6 ft.	1 oz. to 40 hills	3 to 5 lbs.	90 to 150 days
WATERMELON.....	March to May	May and June	8 to 12 ft.	6 to 10 ft.	1 oz. to 25 hills	4 to 6 lbs.	100 to 160 days
MUSTARD.....	September to March	March to May, Sept.	12 to 18 in.	2 to 3 in.	1 oz. to 600 feet	4 to 5 lbs.	60 to 90 days
OKRA*.....	March to August	April and May	2½ to 3 ft.	18 to 24 in.	1 oz. to 250 plants	5 to 6 lbs.	70 to 90 days
ONION, Seed.....	October to March	April and May	12 to 18 in.	2 to 4 in.	1 oz. to 200 feet	4 to 5 lbs.	125 to 150 days
ONION, Sets.....	October to February	October to May	12 to 18 in.	2 to 3 in.	1 lb. to 50 feet	2 to 3 sacks	50 to 70 days
PARSLEY.....	September to May	March to May, Sept.	18 to 24 in.	12 to 16 in.	1 oz. to 250 feet	3 to 4 lbs.	65 to 90 days
PARSNIP.....	March and April	April to June	15 to 20 in.	2 to 4 in.	1 oz. to 300 feet	4 to 6 lbs.	130 to 145 days
PEAS, Dwarf.....	September to April	Nov. and Feb. to June	18 to 24 in.	1 to 2 in.	1 lb. to 120 feet	150 to 175 lbs.	45 to 75 days
PEAS, Tall.....	September to April	Nov. and Feb. to June	4 to 6 ft.	1 to 2 in.	1 lb. to 120 feet	100 to 125 lbs.	60 to 90 days
PEPPER*.....	February to April	May and June	18 to 24 in.	14 to 16 in.	1 oz. to 1500 plants	3 to 4 oz.	130 to 150 days
POTATOES, Irish.....	January to April	March to June	24 to 36 in.	14 to 18 in.	1 lb. to 15 feet	7 to 9 sacks	90 to 150 days
PUMPKIN.....	April and May	May to July	8 to 12 ft.	6 to 8 ft.	1 oz. to 30 hills	4 to 5 lbs.	75 to 90 days
RADISH.....	September to April	February to Sept.	12 to 18 in.	1 to 2 in.	1 oz. to 100 feet	8 to 10 lbs.	20 to 75 days
RHUBARB.....	February and March	March to June	30 to 36 in.	16 to 24 in.	1 oz. to 250 feet	6 to 8 oz.	3rd year
RUTABAGA.....	August and September	May and June	18 to 24 in.	6 to 8 in.	1 oz. to 400 feet	2 to 3 lbs.	90 to 120 days
SALSIFY.....	February and March	March to May	18 to 24 in.	2 to 4 in.	1 oz. to 120 feet	8 to 10 lbs.	120 to 150 days
SPINACH.....	September to February	Feb. to May, Sept.	12 to 18 in.	3 to 6 in.	1 oz. to 100 feet	10 to 12 lbs.	45 to 60 days
SQUASH, Bush.....	February to April	April to June	3 to 4 ft.	3 to 4 ft.	1 oz. to 30 hills	4 to 6 lbs.	65 to 70 days
SQUASH, Winter.....	March, Apr., May	May to July	10 to 12 ft.	8 to 10 ft.	1 oz. to 15 hills	3 to 4 lbs.	120 to 140 days
SWISS CHARD.....	Feb.-Apr., Aug., Sept.	March to July	12 to 18 in.	4 to 8 in.	1 oz. to 150 feet	6 to 8 lbs.	45 to 60 days
TOMATO*.....	December to March	April to June	3 to 4 ft.	2 to 3 ft.	1 oz. to 3000 plants	3 to 4 oz.	125 to 150 days
TURNIP.....	August to October	March to August	12 to 15 in.	3 to 4 in.	1 oz. to 400 feet	2 to 4 lbs.	45 to 90 days

Planting dates shown for crops marked \* are intended for transplanting the plants into the garden. Seeds should be planted 40 to 60 days earlier.

DEPTH TO COVER—Seed should be covered from three to five times its diameter. Press the soil down firmly over the seed and keep it moist continuously.

**BEST  
for the  
WEST**

# SEEDS

**BEST  
for the  
WEST**

Nineteen Thirty-four bids fair to be a big year in gardens. Seed prices have not advanced except in a few cases of extreme shortage and many new Novelties have been made available to garden enthusiasts.

Look this catalog over carefully, it lists only the best varieties of vegetables and only such flowers as can be successfully grown by any one, even though they have limited gardening experience.

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## **SEE PAGES 3-4-5-6 and 7 FOR NOVELTIES**

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You will be glad to know that 46 Flower Seeds that formerly sold at 10c per packet are now only 5c and that a number formerly selling at 25c are now 15c. Our large family garden size packets of Peas, Beans and Corn which sold for years at 20c each are now 15c. Many bulk seeds are down, too.

And we are glad to tell you that these reductions are NOT the result of cheapened quality but the result of lower production costs. Almost half a century of experience in producing seeds for Western conditions is behind Lilly's Best for the West Seeds. We assure you they are finest quality.

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## **ALL AMERICAN VEGETABLES and FLOWERS**

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In order to give meritorious Novelties the credit to which they are entitled the American Seed Trade Association has undertaken to select each year the ten best New Flowers and the ten best New Vegetables. The first three in each case to be awarded a gold medal and the following seven each to get an Award of Merit. Late in the fall of 1932 the first winners were announced; most of them are listed in this book. Last fall the 1933 winners were made public and all of them are listed on the Novelty pages of this catalog. The Committee making these selections consists of ten of America's foremost seedsmen, located in different parts of the United States, each of whom maintains a trial garden where all the Novelties offered are tried out and scored according to an agreed standard. The highest average scores in all the gardens win the awards. To qualify the entry must be a distinct improvement; for example, a new color, form or type, possessing desirable characteristics. It must be easy to grow and do well in all parts of the United States. Any seed grower can compete and you can depend on the Committee's choice as being reliable. Try a number of these "All American" Novelties this year.

**For Fertilizers turn to pages 40 and 41**



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See Pages 6 and 7 For New Novelties Not Indexed.

# 1933 Vegetable Novelties

## "All American" Selections

### THE WINNERS

Tomato, Pritchard's Scarlet Topper.....	1st Gold Medal
Cantaloupe, Honey Rock.....	2nd Gold Medal
Bean, New Stringless Green Pod.....	3rd Gold Medal
Carrot, Emperor.....	Award of Merit
Beet, Ohio Canner.....	Award of Merit
Cucumber, Clark's Special.....	Award of Merit
Cantaloupe, Improved Perfecto.....	Award of Merit
Watermelon, Graystone.....	Award of Merit
Bean, Stringless Valentine.....	Award of Merit
Spinach, Nobel Giant Thicket.....	Award of Merit

### PRITCHARD'S TOMATO

Fruits deep scarlet, large, uniform, smooth, globular, extremely solid, with heavy, thick walls. Exceedingly productive, outstanding for home and market garden use and shipping. Developed by U. S. Dept. of Agriculture. Gold Medal winner, pictured below. **Packet, 15c.**

### EMPEROR CARROT

Attractive roots, 7 to 8 inches long, slightly tapering, sloping shoulders, medium tops. The color is deep orange all through. Highest quality, brittle, tender, sweet, delicate flavor. Pictured to the right. **Packet, 10c.**

### OHIO CANNER BEET

Color is a deep blood red, fine even form, tender, sweet and free from stringiness. Medium early. **Packet, 10c.**

### NOBEL SPINACH

Fully described on page 26. We have listed this fine variety for the past two years.

**Packet, 5c; Pound, 50c.**

### CLARK'S CUCUMBER

A fine main crop sort, good for shipping. Deep green in color, 8 to 10 inches long, very smooth with a few white spines. Flesh of excellent quality with small seed cavity. Pictured below.

**Packet, 10c.**

### GRAYSTONE MELON

A gray-skinned, enormously large, very sweet watermelon with a deep, solid heart. Flesh rich scarlet. Pictured below.

**Packet, 10c.**

### PERFECTO MELON

A great improvement. Good netting, slight ribs, almost round. 5 by 6 inches. Flesh pinkish, thick, sweet and spicy.

**Packet, 10c.**

### HONEY ROCK MELON

Extremely early and of uniform size at maturity. Almost round, about 5 inches across, somewhat ribbed with heavy coarse netting over slatey gray-green skin. Flesh rich salmon, decidedly sweet and ripening uniformly. Gold Medal winner. Pictured below. **Packet, 10c.**

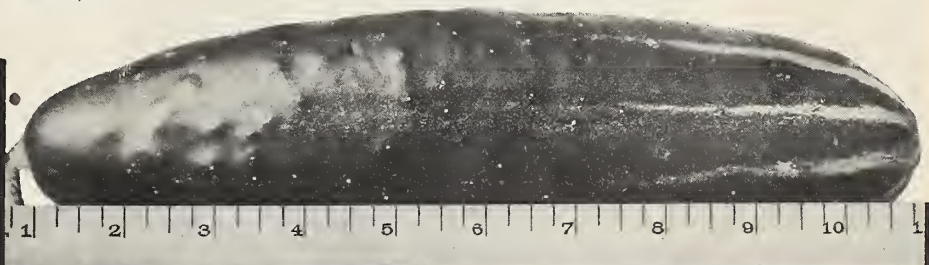
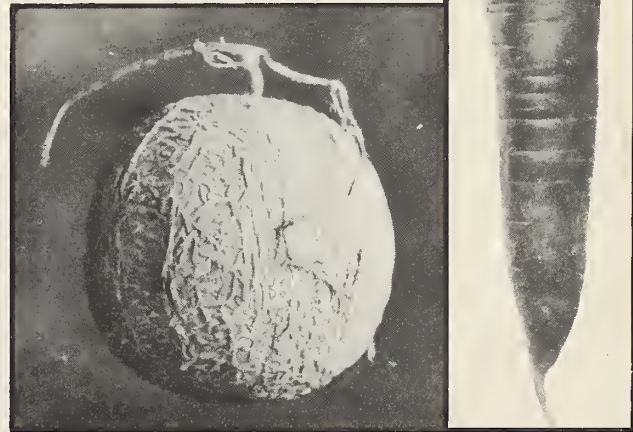
### STRINGLESS VALENTINE BEAN

A new black seed, early variety, reaching picking stage in 50 days. Plant hardy, upstanding, dark green, very productive. Pods 6 1/2 to 7 inches long, oval-round, nearly straight, meaty, strictly stringless, slight fiber. Fine quality, delicate flavor. **Packet, 10c.**

### NEW STRINGLESS BEAN

Also called Tendergreen. An outstanding green pod bush bean. Plants large, erect, prolific. Pods 5 1/2 to 6 1/2 inches long, nearly straight, round, absolutely stringless and fiberless; fleshy, smooth and attractive. Ready in 51 days. Gold Medal winner. Pictured below. **Packet, 10c.**

1933 "All American" Vegetable Collection. A packet each of the 10 sorts for 80c.



For the 1934 Winners, See Page 7.

# 1933 Flower Novelties

## "All American" Selections



GIANT ANNUAL LUPINE

### MARIGOLD GUINEA GOLD

First Gold Medal Winner. Pyramidal plants 2 to 2½ feet tall, producing 30 to 40 semi-double golden orange flowers 2½ inches across. Quite distinct, not as pungent as other Marigolds. Packet, 15c.

### NASTURTIUM GOLDEN GLEAM

Second Gold Medal Winner. Pictured and described on page 59. We have catalogued this wonderful flower for the past 2 years. Packet, 10c.

### ANNUAL CANTERBURY BELLS

Third Gold Medal Winner. Blooms in six months from planting. Sends up 6 to 8 flower spikes 2 to 2½ feet tall. Single flowers in all the campanula colors. Packet, 25c.

### VERBENA BEAUTY OF OXFORD HYBRIDS

A cross between Luminosa and Beauty of Oxford. Spreading growth, extra large flowered. The color is a bright, luminous, clear, rosy pink. Packet, 25c.

### GIANT ANNUAL LUPINE

Plants reach a height of 3 to 4 feet, branching at the base; 4 to 6 bloom spikes closely set with extra large blooms. A full range of colors. Packet, 15c.

### DWARF SWISS GIANT PANSIES

This strain does not have that "leggy" habit of growth common to other strains of Swiss Giants. It retains that choice variety of colors and markings and the giant size. Packet, 50c.

### ANNUAL DELPHINIUM

Cambridge Blue. Grows 2 to 3 feet tall, is suitable for cutting and is a very bright, clear light blue color. Especially suited to warm sections. Packet, 15c.

### LUCKY STRIKE ASTERS

Wilt-resistant, and certainly a lucky strike for gardeners who have been unable to grow asters because of wilt. Immense ostrich feather type blooms in all the aster colors. Packet, 15c.

### VERBENA LAVENDER GLORY

A true lavender flower with a bright white eye, the individual florets easily measuring 1¼ inches across. Produced in large trusses, sweetly fragrant. Packet, 25c.

### GOOD HOPE DAISY

Venidium Fastuosum. An introduction from the Cape of Good Hope in South Africa. Large, orange-yellow flowers 4 to 5 inches across with glossy purple-black zone at the base. Packet, 25c.

1933 "All American" Flower Collection. One packet each of the 10 winners for \$1.75.



LUCKY STRIKE ASTERS



MARIGOLD GUINEA GOLD



GOOD HOPE DAISY



VERBENA LAVENDER GLORY



ANNUAL DELPHINIUM

For the 1934 Winners, See Page 6.



# Some Good Flower Novelties You Should Try

## Calendula Art Shades

An English introduction containing many tones and shades not previously obtainable in Calendulas—delicate apricots, beautiful picotees, orange shades, cream tones—in fact every conceivable tint, from almost pure white through cream and buff, to yellow and deep orange. Most desirable for cutting and bedding. **Packet, 35c.**

## Ramona Poppies

Unique among the new Eschscholtzias. The large cup-shaped flowers have attractively crinkled, frilled or fluted petals which are a beautiful golden bronze on the inside and rich coppery rose on the outside. Plants are of neat, rather compact growth, lending themselves admirably for bedding and edging. **Packet, 15c.**

## Giant Hybrid Scabiosa

Exceptionally strong growing plants that produce their fine flowers on long, strong stems. Flowers are very full, almost round and about 2½ inches in diameter. The mixture contains: white, flesh, rose in various light and dark shades, cerise, scarlet, blue, violet and purple-black. **Packet, 15c.**

## Fluffy Ruffled Sweet Peas

This class originated on Burpee's Floradale Farms in California and is the most marvelous improvement ever made in Sweet Peas. The flowers are large, well formed, and so much ruffled as to appear double. Many showy colors are included, all borne on long, strong stems. **Packet, 25c.**

## Star of the Veldt

Hybrid Dimorphothecas. Excellent for edging and delightful for cutting. The plants grow about twelve inches tall and bloom from early summer until frost, particularly in locations where summers are not especially hot. Colors are mostly sulphur, golden, salmon, rose, apricot, ecru and like shades. **Packet, 15c.**

## Aster Silvery Rose

A giant Peony Flowered Aster of much promise. Delicate lavender pink, full petaled, large, and fully double, with just a suggestion of silvery white at the tips, this aster is unique in its class. Excellent for cut flower use and bedding. **Packet, 25c.**

## Chrysanthemum Eldorado

A single flowered annual variety of the Segetum type, introduced from Europe. Its flowers are canary yellow, many shades deeper than any existing varieties, and their beauty is enhanced by a very dark disc. A variety we recommend to all our customers. **Packet, 15c.**

## Larkspur Blue Bell

A fine, medium blue Larkspur, deeper than sky blue, yet much lighter than lilac, a color heretofore lacking in the giant imperial type, which makes a decidedly upright growth with long basal branched flower spikes, well adapted for cutting. **Packet, 15c.**



STAR OF THE VELDT



CALENDULA ART SHADES



FLUFFY RUFFLED



RAMONA POPPIES

# 1934 FLOWER NOVELTIES

## "All American" Selections

### CALENDULA

*Chrysantha* or Sunshine  
First Gold Medal

Introduced in England last year, but believed originated in Australia, this valuable addition is distinctly different in flower form. It has wide petals, loosely arranged, incurved at center and reflexed at edges, somewhat like a chrysanthemum. Flowers four inches across are clear buttercup yellow on long stems for cutting; about thirty inches tall. **Packet, 50c.**

### PETUNIA

Pink Gem  
Second Gold Medal

The first of a charming new race of miniature Petunias. It forms a neat, very compact plant only six inches high, quite covered with two-inch flowers in shades of pink. Indispensable for bedding, edging, window boxes, pots and rock gardens. **Packet, 25c.**

### LINARIA

Fairy Bouquet  
Third Gold Medal

Light and airy plants growing eight inches tall with flowers that appear like miniature snapdragons in a great variety of colors, such as rose, yellow, pink, lavender, carmine, red violet, white and salmon. A splendid filler for bouquets, useful for bedding, pots and boxes. Very quick to bloom after planting. **Packet, 15c.**

### Verbena, Dannebrog

Award of Merit. Medium sized flowers of intense scarlet with contrasting large white eyes. Very compact growth and thus useful for bedding. It is showy and attractive and comes true to type and rich, sparkling color. **Packet, 25c.**

### Aster, Los Angeles

Award of Merit. A new Super Giant type, three feet tall with exceptionally large flowers. The color is a serenely pure shell pink. The flowers are full petaled, deep and artistic, with feathery interlacing petals. **Packet, 25c.**

### Canterbury Bell, Liberty Bell

Award of Merit. Dark violet-blue annual Canterbury Bell, blooming in six months from seed. A decided improvement over the popular biennial form, though blooms may not be quite as large. About two feet tall, with about six spikes of flowers. Brings spring into the fall garden. **Packet, 25c.**

### Petunia, Maximum, Double Fringed

Award of Merit. In mixed colors, mostly rather light and with purple, this new strain comes practically 100% double and semi-double, about 60% really giant flowered and with about 60% fringed, petaled flowers. Colors are striking within their range, and both germination and vigor are the best that were found in its type. **Packet, 35c.**

### Santa Barbara Poppy Hunnemania, Sunlight

Award of Merit, clear canary yellow "Tulip Poppy," which is semi-double, is pretty and does well. Cut-flowers are lasting and produced over a long season. Easily grown and quick to bloom after a slow germination. Plant after soil becomes warm. **Packet, 35c.**

### Marigold, Dwarf Monarch

Award of Merit. Dwarf French double type, one foot high, with mixed combinations of orange, yellow and mahogany flowers. The stock is uniformly dwarf, making an excellent low border or edging plant where these colors may be used. **Packet, 35c.**



# 1934 VEGETABLE NOVELTIES

## "All American" Selections

Standing	Kind	Variety	Score	Award
1	Radish	Glowing Ball	43	Gold Medal
2	Beet	Asgrow Wonder	35	Gold Medal
3	Carrot	Morse's Bunching	34	Gold Medal
4	Beet	Perfected Detroit	31	Award of Merit
5	Cabbage	Penn State Ballhead	25	Award of Merit
6	Endive	Batavian Full Heart	25	Award of Merit
7	Cucumber	The Barteldes	16	Award of Merit
8	Parsley	Peerless	15	Award of Merit
9	Beet	Good for All	19	Special Mention
10	Beet	Little Marvel	14	Special Mention
11	Corn	Kingscrot	13	Special Mention
12	Corn	Stowell's Hybrid	13	Special Mention

### RADISH

#### Glowing Ball

First gold medal winner. A round, forcing, short-top Radish, very bright scarlet with almost an orange glow. It can be used for greenhouse plantings as well as for the open. It has a very attractive color and a smooth, silky skin, short topped, very small tap roots, ball shaped and one inch or less in diameter.

**Packet, 15c.**

**BEET, Perfected Detroit**—An early, round, dark red root, with medium foliage. It seems to have the color, shape, top and earliness desired in this type, it cans red with no browns nor purples, has no white rings and has a fine top for bunching.

**Short Crop. No Seed Available.**

**CUCUMBER, The Barteldes**—A dark green, white-spine Cucumber. It is about ten inches by three inches in size, of good quality and appearance. It seems smoother and darker green than Clark's Special of the 1933 selection, but not as prolific. It is claimed to be especially valuable to the shipper because of its very dark green color.

**Packet, 10c.**

**CORN, Stowell Hybrid**—Stowell's type sweet Corn of medium height; attractive, heavy yielding, white grained, 16-18 row, ears well filled out and with a tendency towards drought resistance.

**Packet, 10c.**

### BEET

#### Asgrow Wonder

Second gold medal winner. A deep red, large, semi-flat beet with rounded bottom, tops reaching about fifteen inches. Judges' reports show it to be very uniform, exceptionally dark interior, good flavor and a fine Early Wonder type beet with smooth exterior, medium tops and collar and good tap root.

**Packet, 15c.**

**CABBAGE, Penn State Ballhead**—It is a short-stem, dark bluish green Ballhead type, twelve inches high, produced by the Pennsylvania State College, Dept. of Horticulture. It is claimed that it will outyield in weight other varieties in sections adapted for a heavy late cabbage, that heads are extremely heavy and hard with small core.

**Packet, 10c.**

**PARSLEY, Peerless**—Of good bunching size, very dark green, fine curled type, about eight inches tall. Its characteristics are hardiness and holding its color through the winter, which makes it excellent for market gardeners as well as for home gardeners. A good strain of good quality and fair uniformity.

**Packet, 10c.**

**BEET, Good for All**—A refined and pure strain of Detroit Dark Red, roots globe-shaped at small size for canning, pickling and cooking whole. Color is uniformly very dark red; tops are small.

**Packet, 10c.**

### CARROT

#### Morse's Bunching

The other gold medal winner. A cylindrical, half-long carrot, of ideal size and shape for bunching. Color is a fine deep orange throughout, cores small and indistinct. Tops are short, rather bushy and strong, but not coarse at the neck. Quality fine, flesh tender and sweet. It was developed as a bunching carrot for long-distance shipment, but is equally desirable as a home garden variety.

**Packet, 15c.**

**ENDIVE, Batavian Full Heart**—Judges' reports on this show that it grows off slower than Giant Batavian but increases its full heart after approaching its large, full size. It has short, wide leaves of good quality, and is very attractive. About six inches high and rather uniform.

**Packet, 10c.**

**CORN, Kingscrot**—An early and uniform sweet Corn, 4½ to 5 feet tall, yellow grained; judged to be earlier, more uniform and of better quality than Golden Bantam.

**Packet, 10c.**

**BEET, Little Marvel**—A dark red, early flat forcing variety with shortest foliage, resembling Early Egyptian but darker, earlier and shorter topped.

**Packet, 10c.**

### GARDEN-PAINT BOOK FOR THE CHILDREN

A 20-page book of lovely flower subjects, intended for hand painting, will be given free with orders for packet seeds selected from this catalog.



# VEGETABLE SEEDS

Our offering of Vegetable varieties as listed in this catalog comprises only those sorts which we believe to be the very best for home gardens and commercial growing. We have greatly simplified the list of varieties offered by eliminating all of the sorts formerly carried that had no special individual merit or had been replaced by newer and better ones.

**CHOOSE YOUR ENTIRE SEED REQUIREMENTS FROM THIS BOOK.** The quality of Best for the West Seeds is best reflected by the great increase in seed production in the Western States for world-wide consumption. Lilly's Seeds are produced by people who have served a lifetime in the seed-growing business and possess every modern apparatus for seed production, cleaning, grading, testing, packing and marketing.

Make sure this Trademark **Lilly's** is on every packet of seeds you buy. It insures your getting

**BEST for the WEST SEEDS**

Grown in the West by Western Seedsmen for Western conditions.

**ESTABLISHED 1885**



## CONSIDER THESE VEGETABLE SEEDS IN FAMILY GARDEN SIZE PACKETS

15c EACH

THE BEST WAY TO BUY BULK SEEDS

15c EACH

We feature a few selected strains of specially grown seeds in bulky packets at 15c each. In selecting them for your garden you practice economy with safety and get the best possible quality.

### BEANS

Kentucky Wonder, Pole  
Golden Wax, Improved  
Burpee's Stringless, Green Pod

### CORN

Golden Bantam  
Oregon Evergreen

### PEAS

Blue Bantam, Dwarf  
Gradus, Medium  
Telephone, Tall

These packets sold at 20c each last season

The following varieties, except those marked "X," are packed in 1-ounce packets at 15c each.

Blood Red Beet  
\*Golden Acre Cabbage  
Coreless Carrot  
White Spine Cucumber  
1000-Headed Kale  
\*Chicken Lettuce  
\*Grand Rapids Leaf Lettuce

\*Iceberg-Type Head Lettuce  
Hearts of Gold Muskmelon  
Klondike Watermelon  
\*Yellow Globe Onion  
\*Green or Pickle Onion  
Invicta Parsnip  
Sugar Pie Pumpkin  
Sparkler Radish  
White Icicle Radish

Sweet Table Rutabaga  
Lucullus Swiss Chard  
Savoyed Spinach  
Dollar Squash  
Hubbard Squash  
\*Earliana Tomato  
Sweet Cooking Turnip

### GOOD SEEDS ESSENTIAL

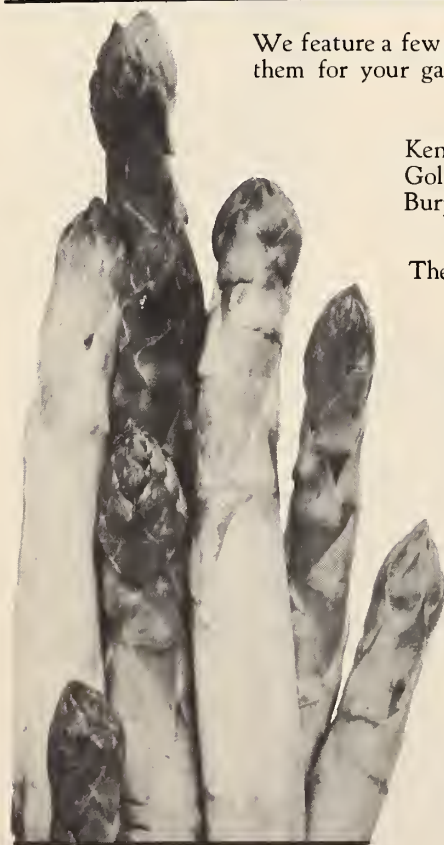
It is not what you pay for seeds, but what you get for what you spend, that counts.

SEE PAGES 3 AND 7 FOR VEGETABLE NOVELTIES

## ASPARAGUS

**Lilly's WASHINGTON GIANT**—The latest development in rust-resistant asparagus. Shoots are of giant size, fleshy, very tender and of fine flavor. Naturally a "green" asparagus, it is easily blanched "white" by ridging the soil over the rows.

Packet, 10c; Ounce, 20c; 1/4 Lb., 40c; Pound, \$1.50.



You will find Morcrop Fertilizer Tablets the hardiest, most effective and most economical food for house plants. Page 39.

# BEANS

## Bush Varieties

**BURPEE'S STRINGLESS GREEN POD**—An early, sturdy, productive bush variety. The plants are large and erect, the pods round, medium green, very meaty, perfectly stringless and fiberless and of excellent quality. Seeds are coffee brown, pods 6 to 7 inches long, edible in 52 days. Used extensively by gardeners, and for cut beans by canners. **Packet, 5c; Family Garden Size, Packet, 15c; Lb., 25c.**

See page 3 for **NEW STRINGLESS GREEN POD BEAN**, "All American" Gold Medal winner in 1932, also **ASGROW VALENTINE BEAN**, Award of Merit winner in 1932.

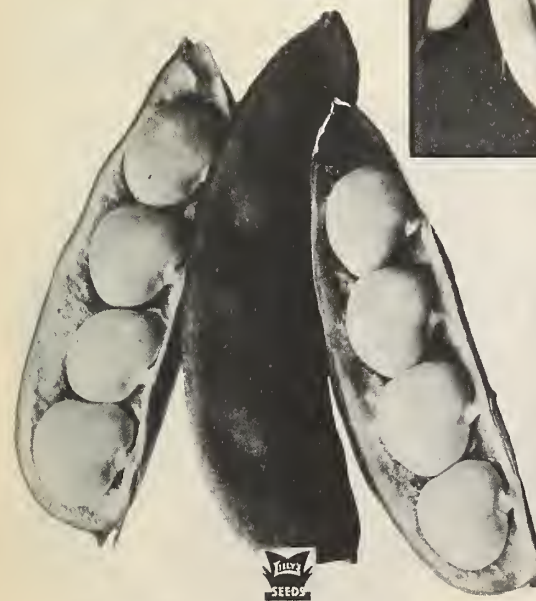
**REFUGEE 1000 to 1**—A popular late, green pod bush variety. Plants large, spreading with many semi-runners; hardy, very heavily productive. Pods round, 5½ to 6 inches long, stringless while young and of good quality. Edible in 70 days. Seeds are violet-purple. **Packet, 5c; Lb., 30c.**

## DWARF HORTICULTURAL—

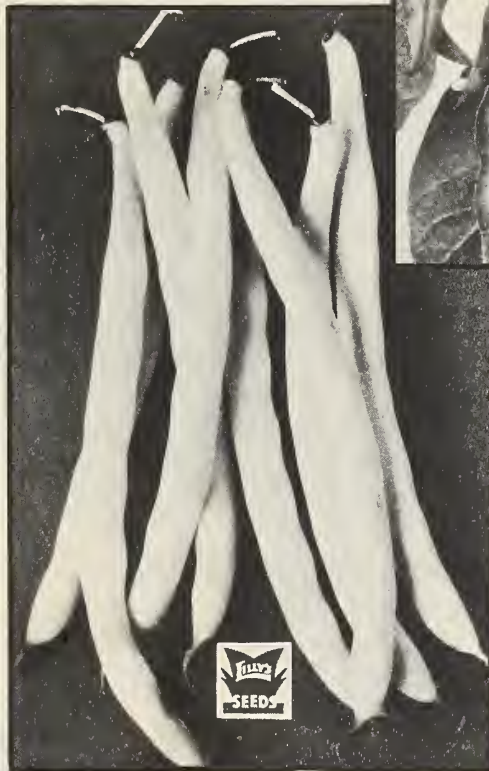
Also called Speckled Cranberry, Wren's Egg and Italian Bean. Used for snap beans, and also for green shell beans. Plant medium height, pods round, 5 to 5½ inches long, green while small, change to greenish yellow and become splashed with carmine at maturity; slightly fibrous. Pods edible in 54 days, shell beans in 62 days. Seeds buff, mottled maroon. **Packet, 5c; Lb., 30c.**

## LILLY'S IMPROVED GOLDEN WAX

Used largely for home garden planting; plant small, erect and productive. Pods 4½ to 5 inches long, straight, thick-flat, creamy yellow in color, stringless and of good quality. Seeds white, mottled violet around the eyes. Edible in 49 days. Remarkably free from rust. **Packet, 5c; Family Size, 15c; Lb., 30c.**



BURPEE'S IMPROVED BUSH LIMA



LILLY'S GOLDEN WAX



BURPEE'S STRINGLESS

## Pole Varieties

### KENTUCKY WONDER or OLD HOMESTEAD

The best known and most popular pole bean. Good for home and market garden and for canning; strong climber, hardy, very prolific over a long season. Pods 7½ to 8½ inches long; practically round, curved, with undulating surface, meaty and very brittle. Slightly stringy but of good quality. Edible in 65 days. Seeds buff brown. **Packet, 5c; Family Size, 15c; Lb., 25c.**

### OREGON GIANT or YOUNT

A remarkably prolific strong growing pole bean. Its production habit may be termed everbearing since it keeps on producing until killed by frost. The light green purple splashed pods are stringless, very fleshy, average more than a foot in length and an inch in diameter and are produced in clusters of 4 to 6. Seeds buff mottled purple with some variation. Pods edible in 68 days. **Packet, 5c; Lb., 30c.**

### SCARLET RUNNER

A pole bean of vigorous growth, with brilliant scarlet flowers. Used for decorative purposes as well as for snap and green shell beans. Pods 6 to 7 inches long, broad, oval and meaty. Seeds, purple mottled violet. Pods edible in 90 days. **Packet, 5c; Lb., 45c.**

## Lima

**BURPEE'S IMPROVED BUSH LIMA**—Earlier and longer podded than the parent variety. Plant large, erect, vigorous, very productive. Pods 5 to 6 inches long with 4 to 5 seeds. Dry beans are large and plump, white with greenish tinge. Matures in 75 days. **Packet, 5c; Lb., 35c.**

Postage Extra on Bulk Beans. See Novelty Pages for New Varieties.

Vegetable greens must make a quick growth to be crisp and tender. The plant food required is best supplied with Morcrop.

# BEETS

The Beet Seed listed on this page is produced in the Puget Sound district where soil and climatic conditions are especially suited to the production of seed with high germination and strong root or bulb-forming qualities. Bulbs form quickly, are tender, of a rich color and a crisp, snappy texture. With this seed there is little likelihood of the young plants going to seed.



EARLY WONDER

Seed produced in the Puget Sound district is often dark in color because of the heavy dew and fog at the time the seed is maturing. This abundant natural moisture exerts a wonderful effect on seed and the crop resulting from it. The strains listed on this page represent the result of almost 20 years of improvement by line selection. Seed is produced only from hand-selected, transplanted beet roots. We believe these are the finest strains obtainable.

**JILLY'S EARLY WONDER**—A selection from the old Crosby Egyptian. Originated by Mr. Franklin Wyman and the Massachusetts State College. Its true type has been maintained by rigorous selection. An extra home garden beet and valuable to truckers and shippers as a first early variety; used also for fall planting. Tops medium small, erect. Roots semi-globular, blood red, with small tap-root. Flesh blood red, extremely sweet and tender. Ready in 58 days.

Packet, 5c; Ounce, 10c; 1/4 Lb., 25c; Lb., 75c.



DETROIT DARK RED

**JILLY'S DETROIT DARK RED**—On account of its uniformity in size and smooth, handsome appearance when canned, it is a favorite with canners, the outstanding variety for truckers and shippers and a universal favorite with home gardeners. Tops medium, dark green, tinged with red. Roots globular, smooth, uniform, attractive, with small tap-root. Color deep ox-blood red. Flesh dark red with indistinct zones of a slightly lighter shade. Fine quality, sweet and tender. Ready in 68 days. Packet, 5c; Ounce, 10c; 1/4 Lb., 25c; Lb., 75c.

Plant beets every three or four weeks this year in order to have a constant supply.

**JILLY'S EARLY BLOOD RED**—A medium early variety for home and market use. A great improvement over the variety formerly sold as Blood Turnip. Tops medium, somewhat coarse. Roots top-shaped, dark red. Flesh bright red, slightly zoned. The flavor is exceptionally fine and sweet and the texture is tender and crisp. Ready in 65 to 75 days.

Packet, 5c; Ounce, 10c; 1/4 Lb., 25c; Lb., 75c.

Beets at their best are grown quickly in rich loam soil well supplied with available plant food. The plants should not be crowded in the rows and cultivation should be frequent.

A new Beet, **OHIO CANNER**, "All American" Award of Merit winner in 1932, is listed on page 3.

For Swiss Chard (leaf beet) see page 26.

For Mangels or Stock Beets see page 30.



EARLY BLOOD RED

Radishes are a partial-season crop. Easy to grow on light, fertile soil. To be good, the growth must be quick and continuous.

# CABBAGE

**EARLY JERSEY WAKEFIELD**—An extensively used and popular extra early variety, with small, compact, conical heads about 7 inches long. Heads weigh 2 to 2½ pounds each, with very small core. Sharp, appetizing flavor.

Packet, 5c; Ounce, 20c;  
¼ Lb., 60c; Lb., \$1.60.

**GOLDEN ACRE** — An extra early Copenhagen type with small, round, solid heads, maturing with Early Jersey Wakefield. Plants dwarf with few outer leaves. Heads weigh 2 to 3 pounds in 65 days. Texture and flavor very fine.

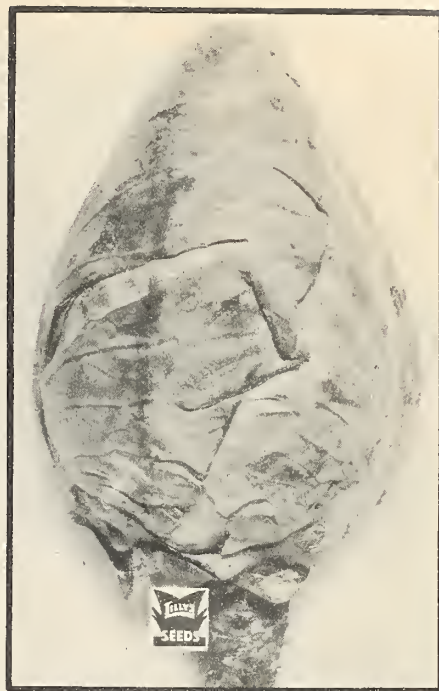
Packet, 5c; Ounce, 35c;  
¼ Lb., 95c; Lb., \$2.75.

**STEIN'S EARLY DWARF FLAT DUTCH** — A widely grown variety. Plants medium, vigorous, with large, solid, flat heads, 6 inches deep. A good shipper at 90 days. Heads weigh 10 to 12 pounds.

Packet, 5c; Ounce, 20c;  
¼ Lb., 60c; Lb., \$1.60.

**DANISH BALLHEAD** — Medium stem Hollander. Most widely used and the best of late cabbages; desirable for shipping, for storage and for kraut. Plants medium with 6 inch stem. Heads extremely hard, 7 to 9 pounds, mature in 100 days; quality and flavor unsurpassed.

Packet, 5c; Ounce, 25c;  
¼ Lb., 75c; Lb., \$2.00.



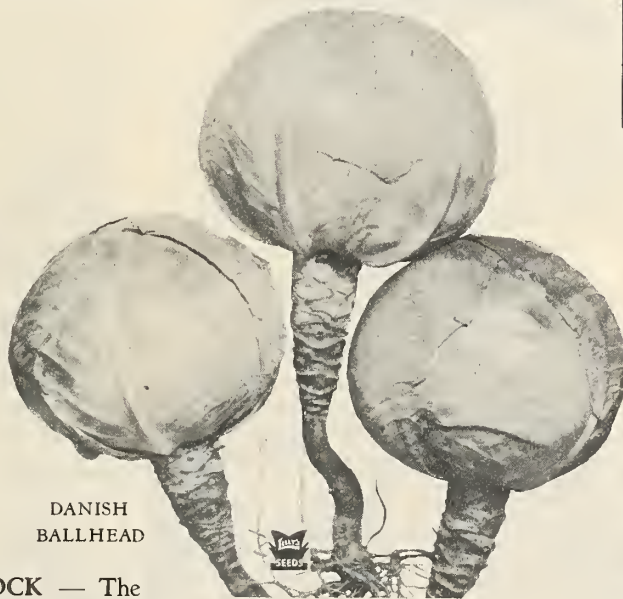
EARLY JERSEY WAKEFIELD

**DRUMHEAD SAVOY**—The best of the Savoy type for general use; an excellent keeper. Heads nearly round, full and hard; leaves large, coarsely crimped, dark bluish green. Weight, 6 to 7 pounds, mature in 90 days. The flavor is quite distinct. Pkt., 5c; Ounce, 20c; ¼ Lb., 60c; Lb., \$1.80.

**PREMIUM LATE FLAT DUTCH**—A deservedly popular, large, late variety. Excellent for home and market garden use and for shipping. Heads extremely large, flat and solid, 6½ to 7 inches deep, weigh 9 to 10 pounds each. Plants large, maturing in 105 days. Packet, 5c; Ounce, 20c; ¼ Lb., 60c; Lb., \$1.60.

No better seed is obtainable than Lilly's pure bred strains.

*The best cabbage seed in America is grown in the Puget Sound district where cabbage seed has been produced continuously since 1879. The climatic advantages of this section for seed production stamp themselves on the crop, irrespective of where the cabbage crops are grown. The varieties here listed have all been perfected by Lilly's, who are pioneers in cabbage seed production in the West.*



DANISH BALLHEAD

**MAMMOTH RED ROCK** — The largest and best red cabbage. Heads round, very hard; color purplish red; an excellent keeper. Heads weigh 7 to 8 pounds, and are mature in 110 days.

Packet, 5c; Ounce, 25c; ¼ Lb., 75c; Lb., \$2.25.

**WONG BOK** — Chinese or Celery type cabbage. Short, thick heads, compact, tender and well blanched. Matures in 80 days. This type of cabbage should not be transplanted. Moving the plants causes them to go to seed. Packet, 5c; Ounce, 35c; ¼ Lb., \$1.00; Lb., \$3.00.

Prevention is better than cure, especially with Root Maggots on Cabbage. Use Lilly's MAGGOTBATE. See page 39.



CHINESE WONG BOK



STEIN'S EARLY DWARF FLAT DUTCH

Winter bouquets: Plant—Acroclinium, Chinese Lantern, Gomphrena, Money Plant, Rhodanthe, Strawflower, Xeranthemum.

# CARROTS

GOLDEN HALF LONG  
CHANTENAY



**JILLY'S GOLDEN HALF LONG CHANTENAY**—An excellent, all-purpose, medium early variety; desirable for home and market garden, and for canners in packing diced carrots; a good cropper. Roots deep orange, smooth, tapered, stump rooted; flesh deep orange with indistinct core, very crisp, sweet and tender. Ready for pulling in 72 days.  
Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

**DANVERS HALF LONG**—Used by home and market gardeners and for shipping. Roots bright orange, tapered to a blunt end. Flesh bright orange, tender and of good quality. Ready for use in 75 days.

Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

**OXHEART or GUERANDE**—Desirable for home use; prolific and a good keeper. Roots bright orange, thick, blunt end, heart shaped. Flesh deep orange; small tops; easily harvested. 72 days.

Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

For Stock Carrots see page 30.

**NANTES CORELESS**—Excellent for forcing, as well as for home and market garden use. Tops very small. Roots bright orange, cylindrical, blunt tipped. Flesh reddish orange, crisp, tender and of very delicate flavor; practically coreless. Ready in 70 days.

Packet, 5c; Ounce, 15c; ¼ Lb., 45c; Lb., \$1.25.

Try the new **IMPERATOR CARROT** listed on page 3, "All American" Award of Merit winner in 1932.

Carrots are one of the most desirable vegetables from a nutritional standpoint. Make several plantings of them to keep up your supply. They're best when about two-thirds grown.

**ST. VALENTINE**—Especially suited to growing on the Coast and stands shipping remarkably well. The cauliflower-like heads are waxy white, of uniformly large size and the curd or flower is closely knit and holds well in the head. 120 to 130 days.

Packet, 10c; ¼ Ounce, 30c; Ounce, 80c; ¼ Lb., \$2.40; Lb., \$8.00.

## BROCCOLI



ITALIAN GREEN SPROUTING BROCCOLI



ST.  
VALENTINE

**ITALIAN GREEN SPROUTING**—A tall, branching plant, producing not only a central cauliflower-like head, but heading branches also which continue to develop throughout the season. A highly desirable, delicious vegetable, steadily gaining in favor. First cutting in 60 days.  
Pkt., 10c; ¼ Oz., 30c; Oz., 80c; ¼ Lb., \$2.40; Lb., \$8.00.



DWARF IMPROVED

## BRUSSELS SPROUTS

**DWARF IMPROVED**—Highly desirable for home and market garden. Plants 24 to 28 inches tall; stems thickly set with firm cabbage-like heads 1½ inches in diameter, maturing successively. Packet, 10c; Ounce, 20c; ¼ Lb., 65c; Lb., \$2.00.

Have you noticed that the Gold Medal strain of dahlia flowered Zinnias are priced at 15c per packet this year?



# CAULIFLOWER

**LILLY'S EARLY ALBA**—The Improved Snowball. A special strain of this widely used early variety. Plants are dwarf with short, pale green leaves. Heads large, firm, pure white, with fine-grained curd. Quality is of the finest; matures in 55 days from transplanting. A sure heading main-crop variety for home and market gardeners. Packet, 25c; 1/4 Ounce, \$1.00; Ounce, \$3.00; 1/4 Lb., \$8.00.

**VEITCH'S AUTUMN GIANT** — Also known as California Wonder, is a large, late sort producing quite compact, white heads, surrounded by a mass of large, spreading leaves. Like other late sorts, is a sure header only in cool, moist sections. 65 to 70 days. Packet, 10c; 1/4 Ounce, 25c; Ounce, 70c; 1/4 Lb., \$2.00; Lb., \$6.00.

Cauliflower is a heavy feeder and should only be grown on rich soil. Fertilize liberally and cultivate often.



LILLY'S EARLY ALBA (*The Improved Snowball*)



PARIS GOLDEN YELLOW

EARLY ERFURT  
SNOWBALL



**EARLY ERFURT SNOWBALL**—An early sort. Heads medium, compact, snow-white and attractive. Suitable for forcing and general field culture. Ready for use in 60 days. Packet, 10c; 1/4 Ounce, 75c; Ounce, \$2.00; 1/4 Lb., \$6.00.

**DANISH DRY WEATHER**—Well adapted to dry weather conditions as well as to the regular cauliflower districts. Heads large, creamy white and of excellent quality. Not suited for forcing. Matures in 65 to 70 days. Packet, 25c; 1/4 Ounce, 75c; Ounce, \$2.00; 1/4 Lb., \$6.00.

To blanch Cauliflower shut out the sunlight by tying the leaves together loosely over the heads.

# CELERY

**PARIS GOLDEN YELLOW** — The new French Strain, earlier and taller than the original. Particularly desirable for home and market use. Blanches readily; large hearts, rich flavor, golden yellow color. 115 to 120 days. Packet, 10c; 1/4 Oz., 50c; Oz., \$1.40; 1/4 Lb., \$4.00.

**SILVER PLUME** — An extra early, attractive variety. Leaves bright green, tinged with white; stalks medium, easily blanched to pure white; solid, crisp and of fine flavor. 115 days. Packet, 10c; Oz., 45c; 1/4 Lb., \$1.35; Lb., \$4.00.

**CHULA VISTA**—Plants medium in height, stocky and compact; foliage yellowish green; stalks very solid, broad, of delicate, nutty flavor; blanch readily to a golden yellow. Especially suited for market gardens. 120 days. Packet, 10c; 1/4 Oz., 60c; Oz., \$1.75; 1/4 Lb., \$5.00.

Noble Giant, the improved thick-leaf Spinach, is a dandy; even people who don't like spinach say so. Plant some this year.



FOR FIELD CORN  
SEE PAGE 31.

LILLY'S GOLDEN BANTAM IMPROVED

## SWEET CORN

**LILLY'S GOLDEN BANTAM IMPROVED** — (12 row) a selection from the original strain of Golden Bantam; larger ears, more rows of kernels, greater production. Golden yellow, deep, wide, tender kernels with a fine, sweet flavor. Particularly desirable for canners and market gardeners; remains in table condition a long time. Ready in 85 days.

Packet, 5c; Family Garden Size Packet, 15c; Lb., 25c.

**SPANISH GOLD**—The best extra early, yellow sweet corn. Eight to 10 days earlier than Golden Bantam; stalks bear two or three ears. Ears 7 inches long, kernels bright golden yellow, unusually sweet, tender and of excellent quality; similar to but better than Golden Sunshine or Golden Market. 75 days.

Packet, 5c; Lb., 30c.

**GOLDEN GIANT**—A midseason golden yellow variety, good for home and market garden. A cross between Golden Bantam and Howling Mob. Combines the distinct buttery flavor of its most delicious yellow parent with the size of its white parent, making it one of the most tender and juicy of all sweet corns. Ears rather thick, large, 12 to 16 rows of kernels, protected by rather heavy husks. 90 days.

Packet, 5c; Lb., 25c.

**LILLY'S OREGON EVERGREEN**—A distinct new sugar corn of the evergreen type. The stalk grows 8 to 9 feet high. It withstands drought unusually well and holds its edible quality better than most varieties. One of the best canning varieties and very popular with market gardeners. Ears have 14 to 18 rows of deep ivory white kernels that are sweet and tender. This is an ideal home variety for California. 90 days.

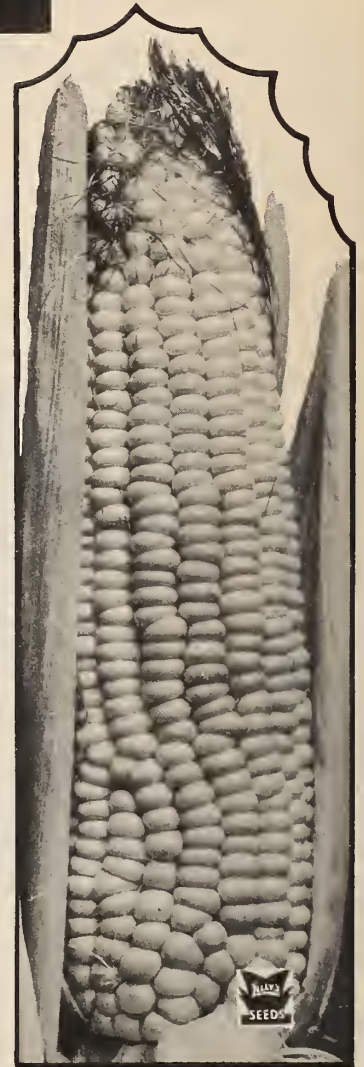
Packet, 5c; Family Garden Size Packet, 15c; Lb., 25c.

Sweet Corn (especially these new improved varieties) is among the garden's finest vegetables. Make several plantings of each variety to have some always in its prime. Cook it fresh from the garden.

Postage Extra on Bulk Corn



SPANISH GOLD



LILLY'S OREGON EVERGREEN



GOLDEN GIANT

Beets are a hardy crop, easy to raise, and make an early growth. The land should be kept well tilled and fertilized.

# CUCUMBERS

**IMPROVED WHITE SPINE** — One of the best of the early white spine strains. Excellent for home gardens, and used widely for shipping; vigorous and productive. Fruits weigh  $1\frac{3}{4}$  to 2 pounds, very dark green, uniform, nearly cylindrical. Ready for the table in 60 days.  
 Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.25.

The new CUCUMBER **CLARK'S SPECIAL**, 1932 "All American" Award of Merit winner, is a fine main-crop variety.  
 See page 3.

**LILLY'S LONG GREEN** — The standard black spine, late variety for home gardens; unexcelled for slicing; vines hardy and prolific. Fruits weigh 3 to  $3\frac{1}{2}$  pounds, deep green, straight, slightly tapered; flesh very white and crisp. 70 days.  
 Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 45c; Lb., \$1.40.

**BOSTON PICKLING** — Most widely used of pickling varieties, also good for slicing. Very early and prolific. Fruits weigh  $1\frac{1}{2}$  pounds, medium green, slightly tapered, black spines. Ready in 58 days.  
 Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 45c; Lb., \$1.25.

**LEMON** — Somewhat resembles a lemon; used for pickles and for salads. Fruits crisp, nearly round, rich lemon color, of excellent flavor. Increasing in popularity. Ready for use in 65 days.  
 Packet, 5c; Ounce, 20c;  $\frac{1}{4}$  Lb., 65c; Lb., \$2.00.



BOSTON PICKLING

**Garden Crops Require Complete Fertilizers**

Complete Fertilizers are materials containing a combination of the three most important plant-food elements, Nitrogen, Phosphorus and Potassium. The proportion of the three elements in their relation to each other is varied to suit crop requirements and to overcome soil deficiencies. They are, however, always used together because experience has proven that each of these important elements in order to function at its best requires the presence of the other two in available form. It is the purpose of complete fertilizers to supply crops with those necessary plant foods which the soil, unaided, cannot supply and which are not provided in sufficient quantities by the application of manure or the growth of legumes or cover crops. Garden Mordcrop is complete fertilizer in its best form. See pages 40-41.



LILLY'S LONG GREEN

If you want cucumbers early plant seeds in inverted squares of sod so they can be transplanted without injury.



THE IMPROVED WHITE SPINE

## CHICORY

**LARGE ROOTED** — The tapered roots resemble small sugar beets. Roots 12 to 14 inches long, 2 inches across at the shoulder. Dried roots are roasted and used as a substitute for coffee.  
 Packet, 10c; Ounce, 25c;  $\frac{1}{4}$  Lb., 70c; Lb., \$2.00.

## CHIVES

**PROLIFIC** — An onion-like plant, used as a salad and for flavoring. It also makes an ornamental edging for garden walks. Can be cut frequently.  
 Packet, 10c; Ounce, 60c;  $\frac{1}{4}$  Lb., \$1.75; Lb., \$6.00.

## CRESS

**CURLED** or **PEPPER GRASS** — A hardy, quick-growing annual, having finely curled, deep green foliage, with pleasing, pungent flavor; excellent for garnishing. Plant early in spring.  
 Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 35c; Lb., \$1.00.



NEW YORK IMPROVED

## EGG PLANT

**NEW YORK IMPROVED**—Best known variety for home and market garden. Plants spreading, spineless, bearing 4 to 8 glossy black-purple fruits which are broad, oval and very large. Requires 85 days to mature.

Packet, 10c; Ounce, 80c; ¼ Lb., \$2.40; Lb., \$7.00.

## KOHL RABI

**EARLY WHITE VIENNA**—A handsome early dwarf sort suitable for forcing. Excellent for home and market garden use. Bulbs 2 to 3 inches in diameter, very light green; flesh clear white, crisp and tender. 60 days.

Packet, 5c; Ounce, 30c; ¼ Lb., 85c; Lb., \$2.50.

## ENDIVE

**GREEN CURLED RUFFEC**—Plants 16 to 18 inches in diameter, tufted and full centered; midrib an inch broad, white, thick, tender and fleshy; blanches easily. Good fall variety. Requires 95 days.

Packet, 5c; Ounce, 20c; ¼ Lb., 45c; Lb., \$1.40.

**BATAVIAN BROAD LEAVED** — Also called Escarolle. Plants 16 inches in diameter; leaves toothed and twisted. Thick ribs form compact heart, which blanches to creamy white. 95 days.

Packet, 5c; Ounce, 20c; ¼ Lb., 45c; Lb., \$1.40.



EARLY WHITE VIENNA



GREEN CURLED RUFFEC



AMERICAN FLAG

## LEEK

**LARGE AMERICAN FLAG**—An early popular sort, with long, rather thick stems; white, sweet flavored. Leaves large, medium green.

Packet, 10c; Ounce, 30c; ¼ Lb., 85c; Lb., \$2.50.

## CHICKEN ENDIVE

A tall-growing perennial sort with long, upright, broad, rough-edged, pointed leaves. Dark green with light midrib. The root is parsnip-like. Plants make an early spring growth, show quick recovery after cutting and are relished by poultry.

Ounce, 20c; ¼ Lb., 45c; Lb., \$1.40.

## KALE

**LILLY'S DWARF GREEN SCOTCH**—Plants have wide-spreading, finely curled blue-green plume-like leaves. Relished as a vegetable green and useful as an ornament. 55 days.

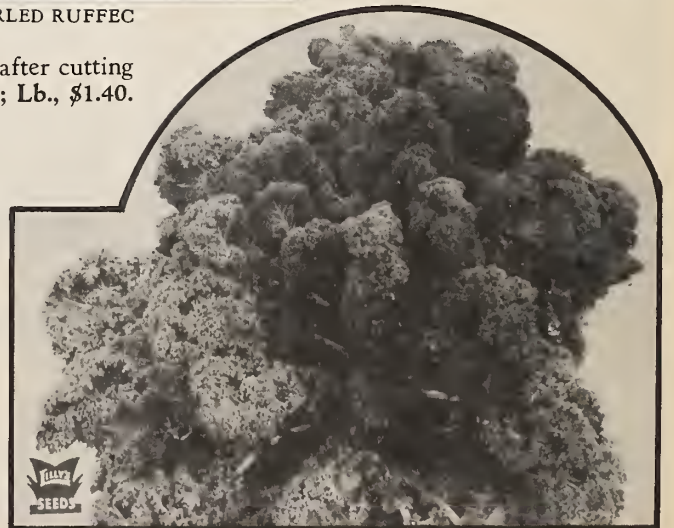
Packet, 5c; Ounce, 15c; ¼ Lb., 45c; Lb., \$1.25.

**TALL SCOTCH**—Hardy plants with leaves deeply cut; curled at the edges, light green in color; very tender and finely flavored after touched with frost. 60 days.

Packet, 5c; Ounce, 15c; ¼ Lb., 45c; Lb., \$1.25.

**LILLY'S THOUSAND HEADED**—Called Chicken or Cow Kale. Vigorous branching plants with enormous, cabbage-like leaves. Relished by poultry and livestock as winter greens.

Packet, 5c; Ounce, 10c; ¼ Lb., 20c; Lb., 60c.



LILLY'S DWARF GREEN SCOTCH

Garden Morcrop contains much humus in addition to plant food, therefore helping soil stay mellow and retain moisture.

## GARDEN HERBS

**ANISE**—Annual. Plant and root resemble celery; aromatic seeds used for flavoring, leaves for garnishing.

Packet, 10c; Ounce, 20c.

**DILL**—Annual. The stems, leaves and seeds are used for flavoring pickles and as a condiment.

Pkt., 5c; Oz., 15c; Lb., \$1.10.

**HOREHOUND** — Perennial. Leaves are used for flavoring and in making cough remedy.

Packet, 10c; Ounce, 50c.

**ROSEMARY** — Perennial. Fragrant leaves used for seasoning, tea, and in making perfume.

Packet, 10c; Ounce, \$1.00.

**SAGE** — Perennial. Leaves are used either green or dried for seasoning. Pleasingly fragrant.

Packet, 10c; Ounce, 30c.

**SUMMER SAVORY**—Annual. Leaves and young shoots used for flavoring.

Packet, 10c; Ounce, 20c.

**SWEET BASIL** — Annual. Spicy leaves used for flavoring. Essential in mock-turtle soup.

Packet, 10c; Ounce, 25c.

**CARAWAY**—Biennial. The foliage is carrot-like. Aromatic seeds are used for flavoring.

Packet, 10c; Ounce, 20c.

**CATNIP or CATMINT** — Perennial. Leaves and young shoots used for seasoning and medicinal purposes.

Packet, 10c; Ounce, \$1.00.



DILL

**SWEET FENNEL**—Perennial. Used for flavoring and in medicine. Leaves are ornamental, seeds aromatic and sweetly pungent.

Packet, 10c; Ounce, 20c.

**SWEET MARJORAM** — Perennial grown as an annual. Leaves and young shoots used as seasoning.

Packet, 10c; Ounce, 20c.

**THYME** — Perennial. The highly aromatic leaves are used for seasoning, in tea and in medicines.

Packet, 10c; Ounce, 75c.

A Kitchen Herb Garden requires only a little space but adds much to the zest of our meals. Good vegetable and meat cookery calls for the judicious use of herbs, and few salads are complete without this kind of seasoning.

## SPRAY MATERIALS

Think of us when you need spray materials, garden tools, fertilizers. Unfortunately we do not have space in this book to catalog fully all the items we can supply along that line. Our aim is to be able to render our gardening customers a complete garden supply service. By making your wants known to us you can help us attain this aim. We will gladly try to secure for you any item along this line that we may not have in stock. Let us help you.



We Carry . . .

BLACK LEAF FORTY  
EVER GREEN  
SEMESAN  
ARSENATE OF LEAD  
BORDEAUX MIXTURE  
LIME AND SULPHUR  
DUSTING SULPHUR

and many other spraying and dusting materials.

Turnips of all kinds are cool-season crops of quick germination and rapid growth. Sow seed where the plants are to stand.

# LETTUCE

NEW YORK, WONDERFUL  
OF LOS ANGELES



**NEW YORK, WONDERFUL or LOS ANGELES**—The outstanding shipping variety, known in all markets. Commonly called Iceberg by the produce trade. A large, curled, heading lettuce with dark green leaves which are slightly curled on the edges. Heads are well blanched, sweet, tender and of excellent quality. Extremely large. Takes 80 days to mature. Pkt., 5c; Oz., 20c; ¼ Lb., 55c; Lb., \$1.60.

**NEW YORK No. 12**—A widely used strain, well adapted to mid-season maturity, as it stands heat well. Plant and head lighter green with fewer outside leaves. Large, compact and attractive. 75 to 77 days. Ounce, 25c; ¼ Lb., 70c; Lb., \$2.00.

Because of its immense size New York Lettuce must be given plenty of room between the plants. Growers vary the distance from 12 to 16 inches each way, depending on the type of soil. Especially recommended as a main-crop lettuce and ideally suited to home garden culture.

**HANSON or NONPAREIL**—A popular, standard variety for home garden and for truckers; hardy and sure heading. Heads large, globular, compact, tender and sweet. Leaves large, curled with fringed edges. 80 days. Packet, 5c; Ounce, 15c; ¼ Lb., 45c; Lb., \$1.40.

**PARIS WHITE COS or TRIANON** — (Romaine Lettuce). A medium large self-folding sort with dark green, erect, smooth leaves. Head solid, long, well blanched; sweet, crisp and of excellent flavor. Widely used for forcing. Packet, 5c; Ounce, 20c; ¼ Lb., 55c; Lb., \$1.60.



PARIS WHITE COS



GRAND RAPIDS

**JILLY'S GRAND RAPIDS**—A popular loose-leaved variety for early planting outside and for greenhouse forcing. Plants erect and compact; leaves light green, broad, curly with fringed edges. Very tender and sweet. Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

**RED LEAF PRIZE** — An early non-heading sort, very desirable for home garden use. Plants of medium size, crisp and tender; color medium green with brownish-red edges on outer leaves. Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

**EARLY CURLED SIMPSON**—Early, hardy and dependable; non-heading with large, crumpled, frilled, light green leaves, forming a compact bunch. Tender, sweet and of excellent quality. Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

## CHICKEN LETTUCE

A hardy, tall-growing, dark green variety, producing the largest number of leaves of any lettuce; grown entirely for poultry and rabbit greens. Packet, 5c; Ounce, 15c; ¼ Lb., 40c; Lb., \$1.20.

Lettuce requires an abundance of available plant food in order to make a quick growth and have a crisp, snappy texture. Fertilize when planting, and make a side-dressing around the plants about six weeks later. Use Garden Morcrop because of its high analysis and availability.

If you've never grown Golden Gleam, the double, fragrant Nasturtium that won a Gold Medal in 1932, do so this year.

## MUSKMELONS

**JILLY'S TIP TOP**—A splendid variety for home and market garden use. Fruits large, slightly oval, weigh 6 to 7 pounds; skin pale green, turning yellow at maturity, distinctly ribbed and slightly netted. Flesh bright salmon, sweet and delicious. Ripe in 90 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 35c; Lb., \$1.10.

Use Morcrop Fertilizer if you want to grow extra fine Melons.



TIP TOP



HONEY DEW

**HALES BEST EARLY**—An outstanding early shipping cantaloupe. Fruits oval; inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of fine quality. Plant these in your own garden. 85 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 40c; Lb., \$1.20.

See page 3 for **HONEY ROCK**, "All American" Gold Medal winner, and **IMPROVED PERFECTO**, Award of Merit winner for 1932.



HEARTS OF GOLD

**HEARTS OF GOLD or HOODOO** — Grown extensively by market gardeners, a good shipper. Fruits practically round, weigh 2 pounds, slightly ribbed, covered with fine gray netting. Flesh very thick, deep pink salmon; juicy, sweet and aromatic. 95 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 35c; Lb., \$1.00.

**HONEY DEW** — An excellent shipper and keeper. Fruits large, globular, weigh 5 to 7 pounds. Surface smooth, hard, practically no netting; creamy white. Flesh light emerald green, thick, ripening to the rind; juicy and tender, with distinctive sweetness. 110 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 40c; Lb., \$1.20.

**BURRELL'S GEM**—Fruits oblong, weigh 3 pounds; heavily netted and faintly ribbed; flesh thick, deep salmon, of fine quality. A standard shipping variety. 95 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 35c; Lb., \$1.10.

Where seasons are short it pays to start plants indoors. Move them out as soon as the weather permits.



GOLDEN BEAUTY CASABA

## CASABA

**GOLDEN BEAUTY** — Grown mostly in the hotter sections. Good shipper. Fruits medium large, globe shaped; weigh 6 pounds; outer color golden yellow; surface wrinkled, tough. Flesh white, luscious and spicy. 115 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 50c; Lb., \$1.50.

## WATERMELONS

**JILLY'S LILLY'S KING AND QUEEN** — Called the Winter Melon on account of its exceptional keeping quality. Fruits small, nearly round, creamy white, with faint irregular pale green stripes; rind tough. Flesh deep red, very firm and of fine quality. Seeds small and very black. 90 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 40c; Lb., \$1.20.

**KELCKLEY'S SWEET** — A good medium early variety, especially desirable for home use and local markets. Fruits large, cylindrical, dark bluish green, with thin, tender rind; flesh bright red, fine-grained and extremely sweet; seeds white. 85 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 35c; Lb., \$1.00.



KING AND QUEEN, WINTER MELON

The stems of Sweet Peas are made long and strong by the use of fertilizer. Garden Morcrop at planting time does wonders.

## WATERMELONS — Cont.



TOM WATSON

**Lilly's KLONDIKE** — An early sort, a good shipper and popular in western home gardens. Fruits oblong, slightly tapered, medium sized with slight ribs; rind medium hard. Flesh bright deep red, very sweet, unequalled eating quality. 80 to 85 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 50c; Lb., \$1.20.

**CHILEAN BLACK SEEDED** — A leading first early variety for home use and local markets. Fruits medium sized, short, oval with light and dark stripes; tender rind. Flesh pink-red and of delicious eating quality. 75 to 80 days.

Packet, 5c; Ounce, 15c;  
1/4 Lb., 35c; Lb., \$1.00.



KLONDIKE

See page 3 for **GRAYSTONE WATERMELON**, "All American" Award of Merit winner in 1932.

## OKRA

**EARLY DWARF GREEN** — An early dwarf growing sort, with dark green, fluted, pointed pods, 4 to 5 inches long; quite prolific.

Packet, 10c; Ounce, 15c;  
1/4 Lb., 40c; Lb., \$1.20.



OKRA

## MUSHROOM SPAWN

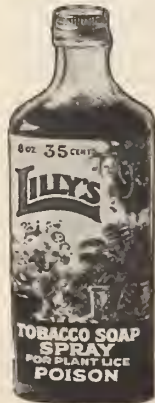
**AMERICAN SPORE CULTURE SPAWN** — In brick form, is inoculated with pure cultures of selected varieties and is therefore true to type, free from moulds and parasitic diseases and of maximum strength.

Bricks, each 40c; 5 or more, 35c each.

### It Pays to Spray

Much is added to the pleasure of gardening if insect attacks are controlled in their early stages. Lilly's Tobacco-Soap Spray is the handiest spray to use against sucking or soft-bodied insects.

Add cold water and use.  
8 Ounce Bottle, 35c.

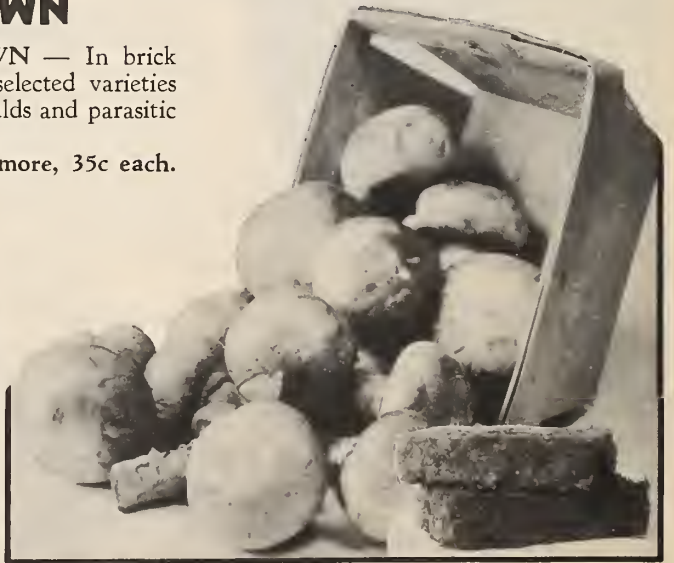


## MUSTARD

**GIANT SOUTHERN CURLED** — The best known and most popular sort for greens. Leaves long and wide, light green, tinged with yellow, heavily crumpled and curled at the edges.

Packet, 5c; Ounce, 10c;  
1/4 Lb., 20c; Lb., 60c.

We urge the early purchase of all the seeds you expect to use. Early buyers are seldom disappointed. The supply of many varieties of seed is quite limited this year.



MUSHROOMS GROWN FROM SPAWN

You can keep garden plants free from soft-bodied insects (aphis) by using Tobacco-Soap Spray whenever they appear.



# ONIONS

**SWEET SPANISH** — Riverside Strain. An increasingly popular, enormously large, yellow variety. Globular, with golden yellow skin; flesh white, very mild, and of pleasing flavor. Prolific and desirable for shipping and storage. **Packet, 10c; Ounce, 40c; 1/4 Lb., \$1.25; Lb., \$3.75.**

**RED WETHERSFIELD**—A popular late variety of excellent keeping quality. Bulbs medium large, flat on the bottom with sloping top; purplish red; flesh fine grained, firm, slightly flushed with pink. **Packet, 5c; Ounce, 25c; 1/4 Lb., 75c; Lb., \$2.25.**

**YELLOW GLOBE DANVERS** — An outstanding variety, dependable cropper, medium late, hardy, an excellent keeper; used for shipping and storage. Bulbs medium size, spherical, clear yellow, firm and solid with tough, clinging skin. Flesh white with slight yellow tone. **Packet, 5c; Ounce, 30c; 1/4 Lb., 85c; Lb., \$2.50.**

## ONION SETS

**Lilly's SETS** are Northern grown, hardy, carefully cleaned, sized and packed. Produced for Western conditions. Plant onion sets deep for green onions and shallow for dry onions.

**Brown Sets, per pound, 15c.**

**White Sets, per pound, 20c.**

**Quantities at Market Prices.**

Onions require rich soil and moisture for best results. Lilly's Garden MORCROP increases the moisture-retaining capacity of the soil and supplies an abundance of plant food: 8% Nitrogen, 10% Phosphates and 5% Potash. You can use it with profit on onions.

Onion seeds are hardy and will germinate in cool weather. Plant them early, they require a full season to mature. Plant enough to last all the year round.

**Lilly's WHITE PORTUGAL or SILVERSKIN** — The most widely used white onion. Good for pickling, bunching and storage. Bulbs medium size, thick-flat, clear white, hard, fine-grained, with pleasing flavor.

**Packet, 5c; Ounce, 40c; 1/4 Lb., \$1.10; Lb., \$3.25.**

**WHITE QUEEN** — Valuable for early use and pickling, also for bunching. Bulbs small, flat, clear white, firm and mild.

**Packet, 5c; Ounce, 40c; 1/4 Lb., \$1.10; Lb., \$3.25.**



SWEET SPANISH



YELLOW GLOBE DANVERS



LILLY'S NORTHERN GROWN ONION SETS

You can prevent Root Maggots on Onions with Lilly's **MAGGOTBATE**.

## ONION PLANTS

The use of onion plants to secure green onions quickly in the home gardens is rapidly increasing in popularity. We are able to supply the leading varieties in season.

Clean, mellow soil that will not bake and close attention to surface tillage and thinning, are requisites for Carrot culture.

## PARSLEY

**CHAMPION MOSS CURLED**—A compact plant with very dark green leaves, exceedingly finely cut and curled, having the appearance of dense moss. Very desirable for garnishing. Packet, 5c; Ounce, 15c; ¼ Lb., 35c; Lb., \$1.00.



CHAMPION MOSS CURLED

## PARSNIP

**LILLY'S IMPROVED HOLLOW CROWN**—An outstanding strain of this most commonly used of all varieties. A line selection from Guernsey. Roots 12 to 14 inches long, 2½ to 3 inches thick at the shoulder, hollow-crowned, uniformly tapered; fine-grained, waxy white, delicious flavor.

Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 70c.

Parsnips have been much improved in texture and flavor, are easy to grow, and produce a vast amount of wholesome, appetizing food on a small area. Freezing and cold weather improve them.



LILLY'S IMPROVED HOLLOW CROWN



PIMIENTO

**LONG RED CAYENNE**—A favorite hot variety. Plants large, fruits tapering, twisted; very pungent. 70 days.

Packet, 10c; Ounce, 55c;  
¼ Lb., \$1.70; Lb., \$5.00.

**RUBY KING**—Excellent for home and market garden, also for shipping. Plants medium dwarf, erect, and very productive. Fruits slightly tapered, 4-lobed; flesh thick, sweet and mild. 70 days.

Packet, 10c; Ounce, 45c;  
¼ Lb., \$1.35; Lb., \$4.00.

**CHINESE GIANT**—An extremely large, attractive, sweet pepper for home and market garden use. Plants short, stocky and light green. Fruits chunky, square ended, and slightly crumpled; deep green changing to deep scarlet. 80 days.

Packet, 10c; Ounce, \$1.05;  
¼ Lb., \$3.20; Lb., \$9.50.

## PEPPERS

**PIMIENTO**—A splendid canning variety, adapted to home and market garden culture. Plants large, erect, prolific. Fruits heart-shaped, very smooth; flesh exceptionally thick, sweet and mild. 75 days.

Packet, 10c; Ounce, 45c;  
¼ Lb., \$1.35; Lb., \$4.00.

**LARGE BELL or BULLNOSE**—A popular, early, sweet prolific sort, with small, erect plants. Fruits blunt; flesh of fine quality and mild flavor. Much used for stuffing. 60 days.

Packet, 10c; Ounce, 45c;  
¼ Lb., \$1.35; Lb., \$4.00.

See us for PEPPER PLANTS in season. Peppers should not be planted in the open until ground is warm.



RUBY KING



CHINESE GIANT

Cabbage likes cool, deep, well-cultivated soil, which has the power to hold moisture. Each plant requires considerable space.

## GARDEN PEAS

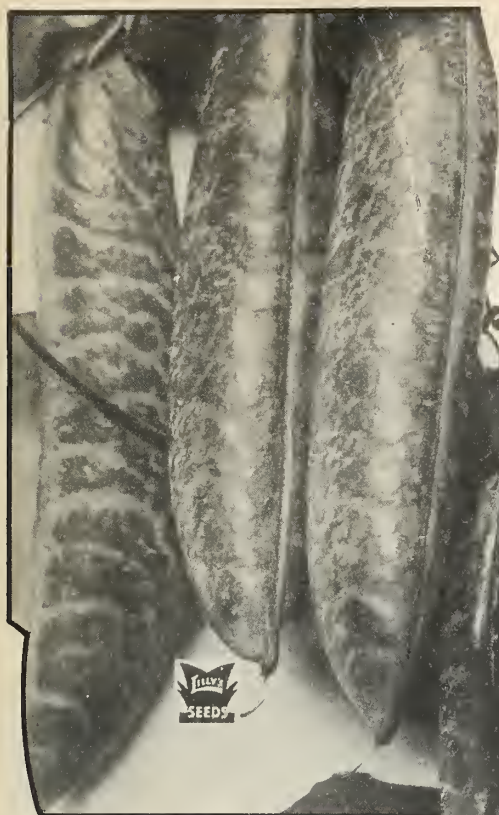
**LITTLE MARVEL** — Outstanding among dwarf peas on account of its exceptional quality and yield. Valuable for home garden and early market. Vines dark green, 18 inches tall, stocky. Pods single and double, dark green, blunt, plump, well filled with 7 to 8 tender peas. Ready in 62 days.

Packet, 5c; Lb., 30c.

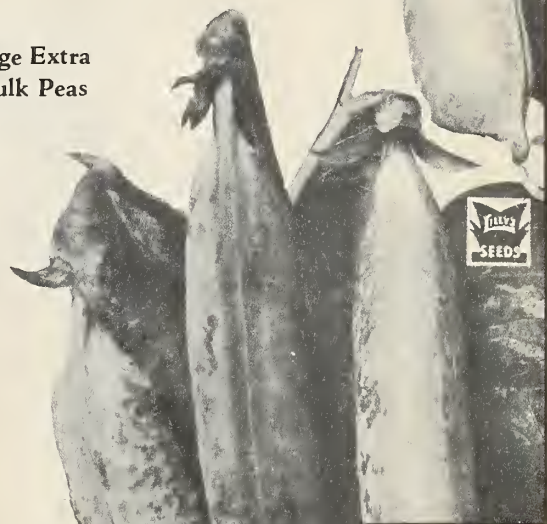
**LILLY'S BLUE BANTAM**—The best of the early, dwarf, large-podded varieties. Vines 18 to 20 inches, dark green. Pods single, broad, dark green, slightly curved, pointed; contain 7 to 8 large, succulent peas, 62 days.

Packet, 5c; Family Size, 15c; Lb., 30c.

Postage Extra  
on Bulk Peas



LILLY'S TALL TELEPHONE



LITTLE MARVEL



Bulk Peas in Quantity at Lower Prices

### DWARF TELEPHONE or DAISY

—A late, large-podded, highly productive sort. Vines light green, 22 inches tall, stocky and branching. Pods single and double, medium green, lightly curved, broad, pointed; contain 8 to 10 peas of excellent quality. 75 to 80 days. Packet, 5c; Pound, 30c.

### IMPROVED STRATAGEM

— A superior late variety for home and market gardens; a good shipper. Vines deep green, 26 inches tall, stocky and branching. Pods single and paired, wide, nearly round, straight, pointed, dark green; contain 8 to 10 tender peas. 80 days. Packet, 5c; Lb., 30c.

Much improvement has been made in garden peas, and while most of the names remain the same as they were years ago, the product is quite different. Robust growth, heavy yielding ability; larger, better-filled pods and sweeter, more delicious peas that remain in edible condition a long time. Peas require cool, moist weather to attain perfection. Plant them early. Make successive plantings every two or three weeks to maintain a supply.

You can prolong the production of peas by gathering all the pods as soon as they are large enough to use. Allowing some to ripen stops the formation of new pods.

**LILLY'S GRADUS or PROSPERITY**—A very popular second early, large-podded variety for home use and market. Vines 36 inches tall, medium green, stocky. Pods single, broad, plump, pointed, medium green; contain 8 to 10 large, sweet, delicious peas. 65 days. Packet, 5c; Family Size, 15c; Lb., 30c.

**LILLY'S TALL TELEPHONE** — A handsome, large-podded variety. Unexcelled for home gardens, for local markets and for shipping. Bears immense crops, wilt-resistant. Vines dark green, coarse, 60 inches tall. Pods single, very broad, plump, straight, dark green, pointed, contain 8 to 10 peas of highest quality. This variety can well be considered the standard of high quality. 72 days. Packet, 5c; Family Size, 15c; Lb., 30c.

Garden Pea Assortment, one 5c packet each of the six varieties offered, for 25c.

The plant food in Garden Morcrop feeds plants in a uniform manner throughout the entire growing season. No spurts.



IT PAYS TO PLANT CERTIFIED SEEDS

## SEED POTATOES

We specialize in Certified Seed because at digging time it always proves that the slight difference in price is the grower's best possible investment. Increased yield, better quality, greater uniformity, fewer culls, freedom from disease and higher market value all result from the use of Certified Seed. Because potatoes cannot be certified until after they are dug and because the quantity certified somewhat affects the price charged for those that pass certification, we are unable to name varieties or prices at the time this catalog goes to press. **Get our prices before you buy.**



LILLY'S KING OF SWEDES

Pull Rutabagas when ripe, top and store in a cool place. They keep all winter.

## RUTABAGA

**Lilly's KING OF SWEDES** — A Northwestern strain of great popularity. Noted for its uniformity, high yields, food value, storing and shipping qualities. Roots large, round, with small neck and thin tap-root; yellow with purple top; flesh light yellow, firm, sweet and tender. It takes 90 days to reach maturity.

Packet, 5c; Ounce, 10c;  
1/4 Lb., 20c; Lb., 60c.

## RHUBARB

**VICTORIA MAMMOTH**—A main crop sort, vigorous in growth, with up-standing, thick, red stalks of excellent quality. Producing roots easily started from seed. Packet, 10c; Ounce, 25c;  
1/4 Lb., 80c; Lb., \$2.50.



VICTORIA MAMMOTH

## PUMPKINS

**Lilly's SUGAR or SWEET PIE**—Standard for table use and particularly desirable for pies. Fruits round, flattened at the ends; weight, 6 to 8 pounds; skin hard, smooth, somewhat ribbed, deep orange; flesh thick, sweet, orange-yellow and of the highest quality. 120 days.

Packet, 5c; Ounce, 15c; 1/4 Lb., 35c; Lb., \$1.00.

**CONNECTICUT FIELD**—Extensively grown and used for canning, making pies and for stock feed. Fruits large, flattened at the ends; weight, 15 to 25 pounds. Surface hard, smooth, ribs fairly well defined; orange in color. Flesh thick, somewhat coarse but sweet, orange yellow. 120 days. Packet, 5c; Ounce, 15c; 1/4 Lb., 35c; Lb., \$1.00.

Pumpkins, like melons, squash and cucumbers, should not be planted in the open until the ground is warm. The plants should be given plenty of room. The old custom of letting them ramble in the corn patch is a good one.



LILLY'S  
SUGAR or  
SWEET PIE

You will like the convenient feature about Tobacco-Soap Spray. The soap spreader and active nicotine are ready mixed.

# RADISH



LILLY'S SEEDS

EARLY SCARLET GLOBE

**LILLY'S SPARKLER**—An especially attractive sort used extensively by market gardeners. Equally good for forcing and early outdoor culture. Roots nearly round, smooth with small tap-root; dull scarlet-red, bottom one third white; flesh white, crisp, tender and mild. 25 days. Packet, 5c; Ounce, 15c; ¼ Lb., 30c; Lb., 90c.

**EARLY SCARLET GLOBE** — A very popular variety of superb quality, well adapted to both garden culture and greenhouse forcing. Roots globular, very slightly elongated, with small tops; bright scarlet; flesh white, crisp, tender and tasty. 25 days.

Packet, 5c; Ounce, 15c;  
¼ Lb., 30c; Lb., 90c.

Plan on using Radishes when they first reach prime condition. Most varieties become pithy soon afterwards.

**EARLY FRENCH BREAKFAST** — An early market and home garden sort, with small top. Roots oblong, thicker toward the bottom, dull scarlet with white tip; flesh white and crisp. Becomes pithy unless pulled young. Does well under glass. 25 days.

Packet, 5c; Ounce, 15c; ¼ Lb., 30c; Lb., 90c.



LILLY'S SEEDS

EARLY FRENCH BREAKFAST

**LONG BRIGHT SCARLET**—A standard sort for home gardens and markets. Roots smooth, uniform; 5 to 6 inches long, tapering, with white, crisp flesh; color dark scarlet; tops small. 27 days.

Packet, 5c;  
Ounce, 15c;  
¼ Lb., 30c;  
Lb., 90c.



LILLY'S SEEDS

LILLY'S WHITE ICICLE

**LILLY'S WHITE ICICLE**—An outstandingly popular variety for home and market gardens. Roots 5 to 6 inches long, slender; tapering at the tip, very white; flesh clear white, brittle, and of a mild, zestful flavor. Remains in good condition longer than other early radishes. 27 days.

Packet, 5c; Ounce, 15c;  
¼ Lb., 30c; Lb., 90c.

**CHINA ROSE WINTER** — A popular, very distinct winter sort. Roots 4 to 6 inches long, 2 inches in diameter, cylindrical, but thickest at the lower end; blunt, smooth, bright rose-red in color; flesh white, very firm and pungent. 55 days.

Packet, 5c; Ounce, 15c;  
¼ Lb., 30c; Lb., 90c.

Use **MAGGOTBATE** to prevent  
Root Maggots.



LILLY'S SEEDS

LILLY'S SPARKLER, Earliest of All White Tipped

Snip off all the blossoms as soon as they have finished, it urges the production of more flowers on the same plants.

## SALSIFY

**MAMMOTH SANDWICH ISLAND** — An improved variety with roots 6 to 8 inches long; 1 to 1½ inches thick, tapering, smooth, dull white. Termed Vegetable Oyster on account of its oyster-like flavor.

Packet, 10c; Ounce, 30c; ¼ Lb., 95c; Lb., \$2.90.

## SPINACH

**LILLY'S BLOOMSDALE** or **SAVOY LEAVED** — This longstanding strain shows the result of careful selection; it is very uniform and productive. Plants very early, hardy and vigorous, leaves medium large, distinctly savoyed and crumpled; medium dark glossy green, thick, tender and succulent. Ready for use in 42 days.

Packet, 5c; Ounce, 10c; ¼ Lb., 20c; Lb., 45c.

**NOBEL GIANT THICK LEAVED** — A recent European introduction and "All American" winner in 1932. Plants large, vigorous, and spreading. Slow to go to seed and an extremely heavy yielder. Leaves huge, thick, smooth, pointed, with rounded tip; deep green, tender. The best of the Giant Thick Leaved sorts. 45 days.

Packet, 5c; Ounce, 10c; ¼ Lb., 20c; Lb., 50c.

**MAMMOTH LONGSTANDING VICTORIA** —

An early, heavy producing sort distinguished by its flat rosette of large, crumpled, thick, blunt, very dark green, glazed leaves.

Its slowness in bolting seed stalks makes it a desirable midsummer variety. 48 days.

Packet, 5c; Ounce, 10c; ¼ Lb., 20c; Lb., 45c.

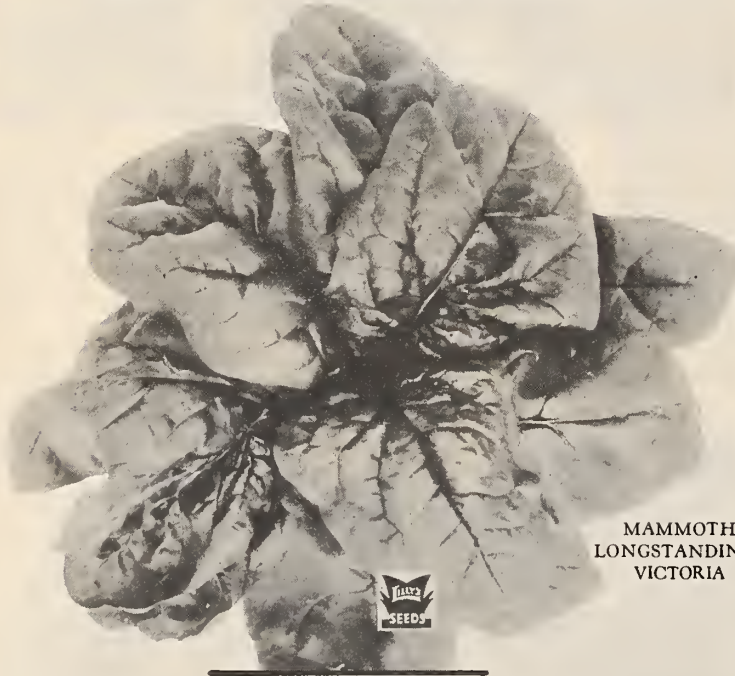


SALSIFY



LILLY'S BLOOMSDALE

An 80-acre field in the Texas Winter Garden Section.



MAMMOTH  
LONGSTANDING  
VICTORIA

**PRICKLY SEEDED WINTER**—The hardiest variety, much used for fall and winter planting. Plants are large, erect, vigorous and longstanding. The leaves are large, broad, arrow-shaped, thick and dark green. 43 days.

Packet, 5c; Ounce, 10c; ¼ Lb., 20c; Lb., 45c.

## SWISS CHARD

**LILLY'S LUCULLUS**—Swiss Chard or Leaf Beet is the best midsummer or hot weather greens. This, the most popular of the Chards, is adapted to both home and market garden use. Plants vigorous and upright; leaves yellowish green; heavily crumpled; stems thick, broad, very light green. 50 to 60 days.

Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 75c.



LUCULLUS  
SWISS CHARD

Houseplants are made to thrive and bloom by regular use of an available complete food as supplied in Morcrop Tablets.

# SQUASH

**LILLY'S DOLLAR or WHITE SCALLOP**—An extensively grown, very early variety. Vines are bush type. Ripe fruits are 3 inches thick, 8 inches across; flattened, smooth with scalloped edges. The flesh is milk-white, firm and richly flavored. Picked when the size of a dollar, they are especially delicious. 50 days.

Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.20.



DOLLAR or WHITE SCALLOP



TABLE QUEEN or ACORN

The summer varieties listed above are best if used while young.

**TABLE QUEEN or ACORN**—Trailing in habit, with acorn-shaped fruits, ribbed, smooth, thin-shelled, dark green. Flesh light yellow, with sweet, appetizing flavor; bakes splendidly. Also called Danish and Des Moines. 58 days. Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 45c; Lb., \$1.30.

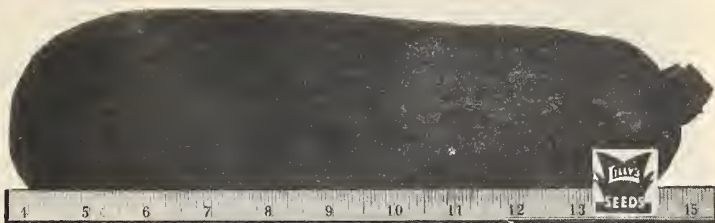
**BOSTON MARROW**—A very productive, late fall variety, extensively used for canning. Resembling Hubbard in size and shape, the fruits weigh 6 to 8 pounds. The deep orange skin is somewhat rough, and quite hard; flesh is yellow, thick, and firm. 95 days. Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 35c; Lb., \$1.00.

**BANANA**—A late sort, cylindrical and pointed at the blossom end, with thin, slate-gray rind. Flesh thick, fine-grained, yellowish orange, and of sweet flavor. 105 days.

Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 45c; Lb., \$1.30.

**LILLY'S SELECTED GREEN HUBBARD**—Standard winter sort for home and market gardens. Fruits weigh 10 to 12 pounds, pointed at both ends, slightly warted, dark bronze-green in color; rind hard and tough; flesh very thick; orange-yellow, dry and sweet. 105 days.

Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 40c; Lb., \$1.10.



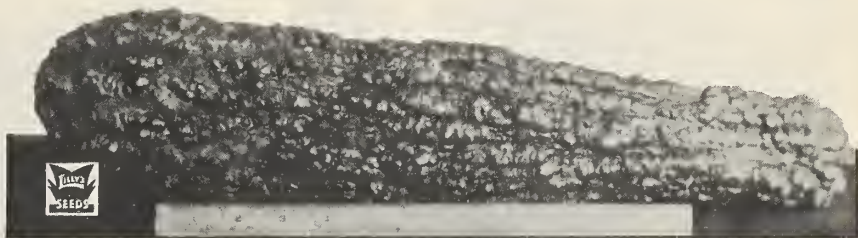
ITALIAN ZUCCHINI

**GIANT YELLOW STRAIGHTNECK**—A distinct improvement on the old Crookneck. Good for both home and market gardens. Bush. Fruits thick-necked, heavily warted, straight, orange-yellow; flesh thick, sweet, buttery yellow. 65 days.

Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 45c; Lb., \$1.40.

**ZUCCHINI**—An increasingly popular bush sort of the Italian Marrow type. Fruits weigh 3 to 4 pounds, nearly cylindrical, straight; color green, mottled gray; flesh very firm and of delicate flavor. 60 days.

Packet, 5c; Ounce, 15c;  $\frac{1}{4}$  Lb., 45c; Lb., \$1.30.



GIANT YELLOW STRAIGHTNECK



BANANA



LILLY'S  
SELECTED  
HUBBARD

Each year more people realize that use of certified seed grain is the best kind of crop insurance. Better yield and quality.

## TOMATOES

**JILLY'S EARLIANA** (Puget Sound Special). A most dependable, heavy cropping, extra early variety for the Northwest. This strain has thicker, smoother fruits. Vine is open, spreading, medium small. Fruits somewhat flattened, medium sized, firm, bright red. 66 days from transplanting. Packet, 5c; Ounce, 40c; ¼ Lb., \$1.15; Lb., \$3.50.

**NEW STONE**—A medium late variety, deservedly popular with canners and market gardeners. Ripens uniformly. Vine large, dense, very productive. Fruits large, flattened but deep, smooth, scarlet-red, of fine flavor. 86 days.

Packet, 5c; Ounce, 40c; ¼ Lb., \$1.15; Lb., \$3.50.

**BEEFSTEAK** or **PONDEROSA**—A wilt-resistant, late, main crop variety, for home and market. Plant open, heavy, medium light green, vigorous. Fruits large, flat, scarlet-colored, smooth and very meaty. 90 days.

Packet, 10c; Ounce, 90c; ¼ Lb., \$2.65; Lb., \$8.00.

See page 3 for **PRITCHARD'S SCARLET TOPPER TOMATO**, "All American" Gold Medal winner in 1932.



EARLIANA, PUGET SOUND SPECIAL



MARGLOBE

We Have  
Tomato Plants  
in Season

**MARGLOBE**—An introduction by the U. S. Department of Agriculture, and a splendid main crop variety. Plant vigorous with heavy foliage, resistant to wilt and nail-head rust. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross sections; of fine quality. 80 days.

Packet, 10c; Ounce, 55c; ¼ Lb., \$1.60; Lb., \$4.50.

Tomatoes produce more abundantly and for a longer period of time than any other vegetable crop. Grow some in your garden.

## TOBACCO

**CONNECTICUT SEED LEAF**—Hardy, prolific and well suited to production on the Pacific Coast. Leaf is of choice texture and delightful flavor.

Packet, 10c; ¼ Ounce, 30c; Ounce, 90c; ¼ Lb., \$2.65.

**BONNIE BEST**—Standard second early variety, valuable for shipping and canning. Vine medium, not very hardy. Fruits medium sized, apple-shaped, smooth, solid, bright scarlet in color, of excellent quality. 75 days.

Packet, 10c; Ounce, 40c; ¼ Lb., \$1.15; Lb., \$3.50.

### GOLDEN PONDEROSA

—A very large, mild-flavored sort, desirable for home gardens for late maturity.

Vine large, spreading, strongly resistant to wilt. Fruits very large, flat, deep yellow; quite solid, with small seed cavities. 90 days.

Packet, 10c; Ounce, \$1.00; ¼ Lb., \$3.25; Lb., \$10.00.



GOLDEN HUSK or GROUND CHERRY

## GROUND CHERRY

**GOLDEN HUSK** or **GROUND CHERRY** — The vine is spreading. Fruits small, yellow, round, enclosed in a loose, papery husk; of delicate flavor. Used mostly for preserving. 85 days.

Packet, 10c; Ounce, 90c; ¼ Lb., \$2.70; Lb., \$8.00.

Grasses do their best when fertilized regularly; they make most of their root growth near the surface and respond quickly.



## TURNIPS

**Lilly's PURPLE TOP WHITE GLOBE** — This variety may be grown to quite a large size without developing signs of coarseness. It is of spherical shape with white skin, the upper one third being colored reddish purple. Flesh pure white, firm, fine grained and of superior flavor. Good keeper. Fine for table use and stock feeding. 55 days. Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 60c.

**PURPLE TOP STRAP LEAVED**—A medium early, very productive variety. Tops medium small, upright, strap-leaved. Roots flat, purple-red at the top, white below; flesh white, fine grained and tender. 50 days. Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 60c.

**SNOWBALL**—A desirable sort for home use and early markets. Tops small and erect. Roots medium sized, round, white throughout, crisp, sweet and tender. 43 to 45 days. Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 60c.

Turnips are grown mostly during the cooler gardening months when moisture is abundant. They are a major vegetable root crop in the North and greens crop in the South. Seed to have strong root-producing tendencies must come from the North where nature instills these characteristics in the parent plants. Puget Sound-grown turnip seed leads the world for quality.



LILLY'S PETROWSKI  
or ALASKA



LILLY'S PURPLE TOP WHITE GLOBE

**Lilly's PETROWSKI or ALASKA**—This is an extra early turnip of excellent quality. Roots round, somewhat flattened, indented at the taproot; smooth, yellow. Flesh yellow, particularly sweet, fine-grained and tender. Tops are short and lie flat on the ground. 43 to 45 days.

Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 70c.

**YELLOW ABERDEEN**—Excellent for winter use. Cut leaved, globular, quite smooth, color purple top, yellow below; flesh firm, tender, light yellow.

Packet, 5c; Ounce, 10c; ¼ Lb., 25c; Lb., 60c.

Lilly's MAGGOTBATE will prevent Root Maggots.  
Apply at planting time.

## BIRD SEED

**Lilly's BIRD SEED With Hemp**—Compounded from the finest quality seeds that are sweet, fresh, plump and wholesome. Your birds will thrive on this really good mixture. Package, 10c.

**Lilly's BIRD SEED Without Hemp**—The same high quality mixture as that described above except that no hemp seed is used. The use of this mixture allows you to withhold hemp from your birds without upsetting their diet. Package, 10c.



**BAVARIAN BIRD SEED**—A mixture of first quality seed, fine for Roller Canaries. Packed in a pour spout carton.

Package (28 Oz.), 35c.

**BIRD SALAD**—A mixture of seeds not ordinarily contained in bird seed mixtures but available in plentiful quantities to birds in the open. Package, 10c.

**ADELPHIA BIRD SEED**—A standard song bird mixture, universally popular. Package, 15c.

**BIRD GRAVEL**—Made from mountain granite, crushed and graded to the proper size. Package, 10c.

As compared with cabbage, kale requires less exacting care, is hardier; seed is usually planted where plants are to mature.

# ROOT CROPS

## MANGEL BEETS

For Stock Feeding

The varieties listed are all grown from improved stocks and can be depended upon as being the finest available quality. They yield immense tonnage under favorable conditions.

Price, Any Variety, Pound, 40c; 10 Pounds, \$3.50.

**LILLY'S SLUDSTRUP**—A good cropper with high-feeding value. Roots are long, oval, reddish-yellow; grow half above the ground, making them easy to harvest. Flesh white, tinged with yellow.

**MAMMOTH LONG RED** — Very popular and one of the heaviest croppers. Yields run from 30 to 50 tons per acre. Roots extremely large, slightly tapered, grow half above the ground. Skin red; flesh white with rose tinge.

**GIANT INTERMEDIATE**—In shape it is between the long and round sorts. A heavy yielder. The skin is yellow, the flesh white with yellow zones.

**GIANT HALF SUGAR ROSE** — A heavy yielding, valuable variety for stock feeding. Roots long, tapered; skin white below the ground, rose colored above; flesh white, with high sugar content.

**GOLDEN TANKARD**—Roots large, nearly cylindrical; grow partly above the ground; skin deep orange; flesh yellow with white zones; very productive.

## STOCK CARROTS

**LARGE YELLOW BELGIAN** — A heavy yielding variety with high food value and a wonderful appetizing quality. Roots are produced entirely underground, tapered, 3 inches across at the shoulder and a foot long. Ounce, 15c; Quarter Pound, 35c; Pound, \$1.00.

## ARTICHOKE TUBERS

**JERUSALEM**—A sunflower-like plant that is grown the same as potatoes and which produces a heavy tonnage of tubers, which make fine hog and cattle feed. Generally harvested by letting the hogs do their own digging. Four to eight sacks plant an acre. Tubers in season only November 1st to April 15th. Price on application.

## STOCK TURNIPS

**LONG YELLOW BORTFELD** — Recently introduced from Europe and the most valuable turnip for stock-feeding purposes. They grow to gigantic size, are of excellent quality and are relished by all livestock. The roots grow three-fifths above the ground and are easily harvested. Our strain is a selection made by the Astoria Oregon Experiment Station.

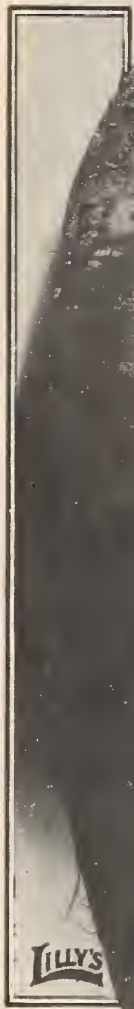
Ounce, 10c; Quarter Pound, 25c; Pound, 60c.

**COWHORN** — A heavy cropping white variety with roots 12 to 15 inches long, tapering and often crooked like a cow's horn. Flesh is tender and mild and not at all undesirable for table use. Tops large, upstanding, with deeply cut leaves. Ounce, 10c; Quarter Pound, 20c; Pound, 50c.

Root Crops are an important winter feed for Poultry, Rabbits, Hogs, Sheep, Cattle and Horses. They yield an immense per acre tonnage and are a dependable crop to grow. They can be stored under the same conditions as potatoes.



LARGE YELLOW BORTFELD TURNIP



LILLY'S  
STRAIN  
DANISH  
SLUDSTRUP  
MANGEL

Lettuce is a hardy cool, short-season crop, requiring mellow, moist soil, quickly available fertilizers and continuous growth.

# FORAGE CROPS

## FIELD CORN

8 to 12 pounds per acre

**MINNESOTA No. 13** — An early maturing yellow dent corn that is a favorite in all the corn-growing sections west of the Rockies, more of it being grown than all other varieties combined. The stalks are of medium size, the ears 9 to 11 inches long. **Pound, 10c.**

**PRIDE OF THE NORTH**—An early maturing, long-kerneled yellow sort that we recommend for any corn district west of the Rockies. The stalks are larger than those of Minnesota No. 13 and the kernels deeper. **Pound, 10c.**

**CHAMPION WHITE PEARL** — A late white dent producing large ears and especially adapted to the warmer sections of the West. **Pound, 10c.**

**NORTHWESTERN RED or SMOKY DENT**—A quick-maturing, red-kerneled corn much grown in the mountainous regions where the seasons are short. This is the old Bloody Butcher variety, which has long been a favorite in some districts. **Pound, 10c.**

**KING PHILLIP FLINT**—An early red flint variety, for districts too cold for dent corn. **Pound, 10c.**



IDEAL SILO CORN

**IDEAL SILO** — A strong, vigorous yellow dent variety, with stalks that grow 8 to 10 feet high and broad, thick leaves that make the finest silage. Sets lots of ears, which develop rapidly, making silage of high-feeding value. Ideal Silo Corn produces ears from 8 to 14 inches long. **Pound, 10c.**

## BUCKWHEAT

*Fagopyrum esculentum*—45 to 60 pounds per acre

**JAPANESE**—Grown both for green manuring and for a grain crop, frequently planted to smother out noxious weeds, because it produces very dense foliage. Valuable as bee pasture while in bloom. **Pound, 10c.**

## SOY BEANS

*Soja max*—30 to 50 pounds per acre

**MANCHU**—Best when planted in rows and cultivated. Much the same method of culture is used for raising garden beans. The stems are woody and of questionable value for roughage, but the seeds are rich in oil and are considered a very concentrated food. **Pound, 20c.**



MANCHU SOY BEANS

## EARLY AMBER CANE

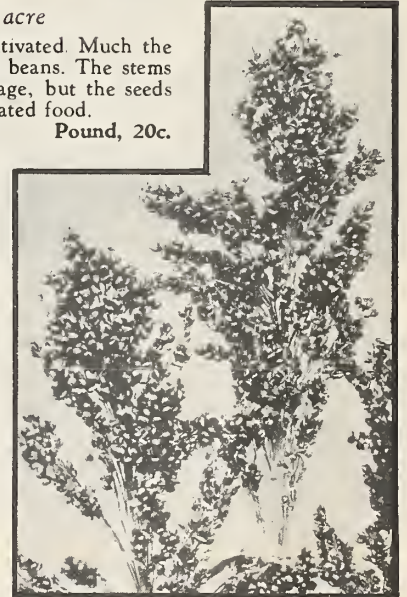
*Sorghum*—8 to 10 pounds per acre

The most common variety of forage Sorghum grown. Plant late in the spring, the crop requires warm weather and is drought-resistant. Thrives only in warm climate. **Pound, 15c.**

## RAPE

*Brassica napus*—3 to 5 pounds per acre

**DWARF ESSEX**—An excellent crop for pasture, and for cutting and feeding green for hogs, sheep, goats and poultry. Fed to dairy cows it causes a large flow of milk. It does best on peaty soils. **Pound, 15c.**



EARLY AMBER CANE

## SUNFLOWER

*Helianthus annuus*—10 to 15 pounds per acre

**MAMMOTH RUSSIAN** — Now planted extensively in some sections for silage, being grown just about the same as corn. On good land as much as 80 tons of green food has been produced per acre. In higher altitudes and under dry-farming conditions, the average yields per acre are greater than that of any other forage crop. **Pound, 15c.**



DWARF ESSEX RAPE

Often only a little fertilizer is required to change failure into success. Garden Morcrop is the proper fertilizer to use.

# LEGUMES

## ALFALFA

*Medicago sativa*—12 to 16 pounds per acre

**LILLY'S BEST**—Because alfalfa fields are left for a long time when once established, there seems to be no logical reason for using any other seed but the best. Lilly's Best grade of alfalfa is always better than 99% pure, is free from dodder, and other noxious weed seeds, and consists only of big, plump seeds; all small and shrunken seeds having been removed. Lilly's Best Alfalfa is northern grown and is therefore more hardy and permanent than southern strains.

### INOCULATION FOR LEGUMES

Most legumes thrive much better if the seed is inoculated with the proper bacteria culture before planting. Inoculation insures the presence of bacteria, which prevent certain apparently harmful substances into beneficial foods.

**GRIMM**—Its frost-resistance makes it of great value in the sections where severe winters prevail. Its yielding power of forage or hay is no greater than that of Common alfalfa, although the price of the seed is generally higher, which is more than justified by the extra hardiness and is the best insurance against winter-kill.

**LARGE GROWING HIGH ALTITUDE** — A special strain of robust habit. Makes a very leafy, well-branched growth, recovers quickly after cutting and has given very satisfactory results in the Pacific Coast States. Cheaper than other varieties.

**WILT RESISTANT**—A new strain developed by U. S. Dept. of Agriculture; immune against wilt.



LILLY'S BEST ALFALFA



## FIELD PEAS

*Pisum sativum*—90 to 120 pounds per acre

**LILLY'S YELLOW CANADIAN WONDER**—A strain of yellow Canadian Peas that is a great improvement on the old type. The seed is larger and is produced in greater abundance, the vine is more robust in its habit of growth and therefore yields a heavier tonnage of hay, which is of good quality, even when the seed has matured sufficiently for threshing.

**AUSTRIAN WINTER**—A popular European variety, best when grown as a winter annual and planted early in the fall. A good seed crop in the North and a valuable cover crop in the South. 3 to 4½ feet tall.

**BLUE BELL**—Seed is larger than the Yellow Canadian, but similar in all other respects except color, which is a greenish-blue. The yield of both grain and forage is very satisfactory and the market often offers a much higher price for these than for the yellow sorts.

**LILLY'S MARROWFAT**—A special strain of medium-sized marrowfats. They are larger than the varieties listed above and are whitish-yellow in color. Grown mostly for milling into split peas for table use, they are very nutritious.

**PEA WEEVIL**—The simplest control measure is to harvest the crop before fully ripened and have them threshed as soon as possible and then fumigate all the seed at once with carbon bisulphide, which kills them.

## VETCH

60 to 90 pounds per acre

**LILLY'S GRAY or COMMON VETCH**—*Vicia sativa*. Adapted to either fall or spring planting and well adapted to all vetch growing sections. It furnishes excellent feed in great abundance.

**HUNGARIAN VETCH**—*Vicia pannonica*. A variety that is aphid resistant and adaptable to culture on low wet and sour soils, as well as heavy muck lands. It is a heavy yielder of both forage and seed and if planted early can be pastured both fall and spring, in addition to producing a hay or seed crop.

**LILLY'S PURPLE VETCH** — *Vicia atropurpurea*. Very well adapted to spring planting and grown successfully as a winter annual in sections where the winters are not severe. Makes a fine, leafy growth and has a high feeding value. As a cover crop in the South it is especially valuable.

**HAIRY or WINTER VETCH**—*Vicia villosa*. A biennial and is sown in the fall like any winter grain. Because the seed is much smaller than Gray Vetch, thirty to forty pounds per acre with grain is sufficient to insure a good crop. It roots deeply, makes good winter growth and is adapted to sandy soils.

Our prices fluctuate with market values. Let us quote when ready to buy.



LILLY'S GRAY VETCH

Give us a chance to supply any Farm Seeds not listed in this book that you may be in the market for. We are here to render a complete seed service.

If you want a real thrill out of your garden this year, devote part of it to growing the novelties listed on pages 3 to 7.

# CLOVERS

## MEDIUM RED CLOVER

*Trifolium pratense*—8 to 12 pounds per acre

The most important of all clovers. Valuable as a hay and pasture plant and as a seed crop. Prefers the heavier types of soil and produces both a hay and a seed crop the same season. Blooms two weeks earlier than timothy. The normal life of the plant is two years, after which the stand deteriorates. We can supply two grades of seed—Lilly's Best 99½% pure and Evergreen brand 98% pure.

## ALSIKE or SWEDISH CLOVER

*Trifolium hybridum*—8 to 10 pounds per acre

Most at home in northern latitudes or at high altitudes. It thrives best in a cool, moist climate and is used mostly in mixtures with timothy or other grasses. In such mixtures it improves the hay and increases the yield. Alsike Clover will endure overflow that would kill most crops, but is just as drought-resistant as Red Clover and will thrive on acid soils. One seeding lasts 4 to 6 years. We handle three grades of seed—Lilly's Best 99% pure, Evergreen 98% pure, and Pasture Grade.

## WHITE CLOVER

*Trifolium repens*—6 to 8 pounds per acre

An excellent plant for lawns and pastures and in some sections a valuable seed crop. Germinates quickly, makes a fast start and has rapid recovery after cutting or pasturing. Has a high-feeding value and thrives best on lands containing an abundance of lime. We have three grades of seed—Lilly's Best 99% pure, Fancy 98% pure and Pasture Grade.

### CLOVER FAILURES

The U. S. D. A. Farmers' Bulletin No. 1365 defines clover failures as follows: 1. Unsuitable soil conditions; 2. Unadapted or poor seed; 3. Poor methods of seeding; 4. Diseases and insects; 5. Wrong fall treatment the first year.



LILLY'S BEST WHITE CLOVER

## MAMMOTH RED CLOVER

*Trifolium pratense perenne*—8 to 12 pounds per acre

A distinct variety known also as sapling clover, bull clover and pea-vine clover. The seed cannot be told from Medium Red Clover. Makes a rank growth and has a branching root system, later than Medium Red and is preferred for poor or sandy soils. We handle only verified seed. The genuine article.

A serious enemy in the Western States is the Clover Root Borer. This insect is widespread, but with rare exceptions it damages clover only in the late summer of the second year. Its presence makes it inadvisable to keep the field over.



SWEET CLOVER



LILLY'S BEST RED CLOVER

## LADINO CLOVER

*Trifolium repens latum*—6 to 8 pounds per acre

A mammoth type of White Clover. It is a surface feeder and does well on shallow soil where moisture is plentiful, and spreads somewhat by surface runners and roots at the stem-joints; it will, however, run out in 4 or 5 years unless allowed to reseed itself or new seed is added. It bloats stock badly if fed alone and should therefore be mixed with grasses for pasture. We handle only one grade of seed certified to be true Ladino.

## SWEET CLOVER — YELLOW BLOSSOM

*Melilotus officinalis*—12 to 15 pounds per acre

A biennial variety especially recommended for use as pasture, either alone or mixed with grasses on dry land or on land that is so alkaline that other crops will not catch. Makes a good growth early in the season, branches close to the ground and reaches a height of 3 to 7 feet. We handle only scarified seed, which germinates quickly. 99% pure.

## SWEET CLOVER — WHITE BLOSSOM

*Melilotus alba*—15 to 20 pounds per acre

Being a biennial, this crop lends itself readily to short rotations and because of its rank growth and extensive root development, is a profitable soil-improving crop. Makes a sparse growth the first season. Useful also as a pasture, hay and ensilage plant. The seed we offer is scarified to insure uniform quick germination. 99% pure.

Endive affords a good supplement to lettuce; essentially a summer and fall crop; thrives when lettuce is difficult to grow.

# GRASSES



LILLY'S BEST TIMOTHY

## TIMOTHY

*Phleum pratense*—8 to 12 pounds per acre  
One of the most universally known and cultivated grasses, especially adapted to cool, moist soils and because the seed is usually cheap, of high germination and purity, it is a general favorite with farmers. It produces good yields and is the standard grass for hay in all parts of the country. We have two grades of seed—Lilly's Best 99½% pure, and Evergreen brand 98% pure.

## RED TOP

*Agrostis vulgaris, var. alba*—12 to 15 pounds per acre

On land that is too wet for timothy, it is decidedly the best substitute for that grass and is the most variable of all the cultivated grasses. It will even thrive on land too wet for cultivation, and when sown on upland is strongly drought-resistant and is often used for holding banks to prevent erosion.



RED TOP OR HERDS GRASS

## ENGLISH RYE GRASS

*Lolium perenne*—20 to 30 pounds per acre  
A tufted perennial which grows 2 to 3 feet tall and its principal use in this section has been as an ingredient in pasture and hay mixtures. It makes much succulent leaf growth close to the ground and recovers quickly when cut. The seed we offer is genuine imported stock.

## ITALIAN RYE GRASS

*Lolium italicum*—20 to 30 pounds per acre  
A winter annual that reseeds itself, therefore lasts almost indefinitely and is one of our most valuable pasture grasses, as it produces green feed late in the season after other grasses are past their prime. It makes a rapid growth and will furnish more green pasture in midsummer than any other grass.

## PACEY'S RYE GRASS

*Short Seeded*—10 pounds per 1000 Sq. Ft.  
A short, plump seeded strain of the true English or perennial type. Valuable in lawns as a nurse grass and where quick results are desired. It produces a verdant growth within 4 to 5 weeks after sowing.

## SHADYLAND BLUE GRASS

*Poa trivialis*—20 to 25 pounds per acre  
A spreading species with narrow, flat, dark green leaves very much like Kentucky Blue Grass, though it starts quicker and spreads faster and has the ability to grow well in shady places. It is a very fine lawn grass, especially in the shade and is very satisfactory for pasture.

## WOOD MEADOW-GRASS

*Poa nemoralis*—20 to 25 pounds per acre  
Has the reputation of being especially suited for lawns in shady places. Otherwise it differs little from *Poa Trivialis*.

## CANADA BLUE GRASS

*Poa compressa*—20 to 25 pounds per acre  
Of value for pasture purposes in the northern tier of states and in high altitudes. It is deep-rooting and grows on the poorest and driest soils, for which reason it is used on steep slopes and exposed situations.

## ORCHARD GRASS

*Dactylis glomerata*—30 lbs. per Acre  
Also known as Cocksfoot, is one of the earliest grasses to start up in the spring, remains green during long, hot summers and late into the fall. It furnishes abundant feed and it is fairly well liked by stock. After being mown it recovers quickly and is especially valuable for pastures and for use on logged-off land.

## KENTUCKY BLUE GRASS

*Poa pratensis*—20 to 25 lbs. per acre  
The uniformity and denseness of the sod it forms, the beautiful color of its verdure, its palatability to all classes of stock and its increasing productiveness with age, make Kentucky Blue Grass the king of lawn and pasture grasses on fertile soils.

## CHEWINGS FESCUE

*Festuca rubra*—20 to 30 pounds per acre

A small, hardy, low-growing grass, producing very fine dark green leaves which rarely exceed 8 inches in height and in growing have a dense turf-forming habit. It is a permanent grass and its turf improves with age. The plant is of hardy constitution and thrives on a wide range of soils. Suitable for lawns and golf courses.

## MEADOW FESCUE

*Festuca pratensis*—20 to 30 pounds per acre

A wonderful summer pasture grass, makes a dense bottom growth and has a quick recovery. Grows 2 to 3 feet high and is strongly drought-resistant, valuable also on low, wet white lands. After the frost has killed the native grasses, stock may still be pastured on Meadow Fescue, thus reducing by several weeks the period of dry-lot feeding. Fall seeding is best.

## OREGON RYE GRASS

*Lolium multiflorum*—20 to 30 pounds per acre

A rather distinctive type common to Western Oregon and is grown as a winter annual. It is a rapid grower, leaves and stems medium fine, stools heavily, and has a rapid come-back after mowing. We have two grades of seed—No. 1 better than 99% pure, No. 2, 98% pure.



ORCHARD GRASS

Good onion land should be level, with best possible surface condition, abundant quickly available plant food and moisture.

# GRASSES

## LILLY'S SEASIDE CREEPING BENT

*Agrostis stolonifera maritima*

8 to 12 pounds per acre for pasture—2 to 3 pounds per 1000 square feet for lawns.

Native to the lowlands of Coos County, Ore., and some other sections of the North Pacific. Adapted especially to rich, heavy-textured low lands. This variety is in great demand for making golf greens and fine lawns and as an ingredient in permanent pasture mixtures. We handle only certified seed. To insure your getting Certified Seed we can supply this in 2-Lb. Cartons. State sealed and certified.

## ASTORIA or COLONIAL BENT

*Agrostis tenuis*—8 to 12 pounds per acre  
It thrives on a wider range of soils and pure, natural stands of it have been found far inland from the coast and at quite a high altitude. A good strain to use on uplands, though it, too, does best on moist, acid-reacting soils. We supply both certified and uncertified seed.

## RHODE ISLAND BENT

*Agrostis capillaris*—8 to 12 pounds per acre

A valuable lawn and pasture grass that should have more generous recognition. It makes a fine, close-knit lawn of splendid color and succeeds well on our medium type soils. Spreads entirely by bunch expansion, has no surface or root creepers. It grows about 24 inches in height.

## DOMESTIC MIXED BENT

*Agrostis (various)*—8 to 12 pounds per acre

A western grown mixed bent that is in every way superior to the mixed bent formerly imported from Germany. Our seed is 95% pure.



MEADOW FESCUE

## SUDAN GRASS

*Andropogon sorghum*—10 to 20 pounds per acre

An early maturing annual sorghum plant, not particular about soil, but requires warm weather. Thick seeding is advisable, otherwise the crop grows too rank and coarse. Important as a fodder plant in the arid sections of the West, where it seems to thrive on lands that are quite alkaline. It also endures excessive moisture and withstands extreme drought, yields from two to eight tons of hay per acre and is often cut four times in a season.

## CRESTED WHEAT GRASS

The newest and very best grass for the arid districts. Its tendency to form sod and its marked ability to withstand close pasturage and drought make it an ideal pasture grass.

Supply limited, order early.



REED CANARY GRASS



ENGLISH RYE GRASS

## REEDS CANARY GRASS

*Phalaris arundinacea*—10 to 12 pounds per acre

This grass does best in a moist and cool climate. It is especially suited to swampy or overflowed lands. It makes a valuable pasture plant, being one of the earliest grasses in the spring and grows well into the fall. Under Pacific Coast conditions an acre of good Reed Canary Grass on land well suited to it and properly handled will furnish fresh feed for four cows seven months of the year. Both fall and spring seedings are successful. The grass is seldom sown in combination with other grasses, but may be sown with small grains. Our seed is 99% pure.

Lilly's Reed Canary Seed is subjected to a newly discovered treatment which greatly shortens the time required for germination.

## SUDAN GRASS TALL MEADOW OAT GRASS

*Avena elatior*—20 to 30 pounds per acre

Of rapid, luxuriant growth and matures exactly with orchard grass and red clover. It has a slightly bitter taste, but is as closely grazed in the pasture as any of the other grasses. Stands pasturing well, remains green late in fall, roots deeply, thrives on both upland and bottoms, but does not like shade.

## MESQUITE or VELVET GRASS

*Holcus lanatus*—10 to 15 pounds per acre

Also called Fog Grass, is a good meadow grass in dry, sandy soil, but of little value where other grasses thrive. It is a perennial about two feet tall and is soft and velvety, the whole plant is covered by a growth of wool-like hairs. The hay is remarkable for its lightness.

## CRESTED DOGSTAIL

*Cynosurus cristatus*—20 to 25 pounds per acre

Adapted primarily to cool, moist regions, where it seems to thrive principally in the two extremes, hot sun and dense shade. Makes a fair lawn grass under those conditions.

## BROME GRASS

*Bromus inermis*—15 to 20 pounds per acre

A hardy, smooth, erect, drought-resisting perennial, usually 2 to 3 feet tall, producing strong creeping root-stalks. It furnishes more green feed in the dry regions than any other of the true grasses. Smooth Brome is much more desirable than the old hairy type.

Tender-green, the new stringless green-pod bush bean is certainly true to its name. Don't miss trying them; stringless kind.

# PASTURE and HAY MIXTURES

## **JILLY'S HAY MIXTURE**

25 to 35 pounds per acre

A splendid mixture, producing hay of fine quality and maturing evenly. Timothy, red clover, orchard grass, rye grass, red top, meadow fescue, etc., predominate.

## **JILLY'S LOWLAND PASTURE MIXTURE**

25 to 35 pounds per acre

Especially prepared for wet bottom lands. Contains mostly such desirable seeds as timothy, alsike clover, rye grass, red top and meadow fescue.

## THE PURPOSE OF MIXTURES

There are many advantages to be secured by sowing properly proportioned mixtures for pastures and meadows. The several varieties of grasses make their greatest growth at slightly different times and vary their demands on the soil in proportion to the difference in their own constituents. Weather and soil conditions that will completely check the growth of one variety will encourage the growth of another. Failures with mixtures are entirely unheard of.

## **JILLY'S UPLAND PASTURE MIXTURE**

25 to 35 pounds per acre

For benches and uplands, especially useful for sowing on logged-off land. Contains lots of red clover, meadow fescue, timothy and rye grass, together with red top, etc.

## **JILLY'S BURN MIXTURE**

25 to 35 pounds per acre

A cheap mixture of domestic grasses for burnt over lands. Seeded burns soon make valuable pasture lands and keep down undesirable brush and noxious weeds.



THE CHEAPEST FEED FOR LIVESTOCK IS GOOD PASTURE AND HAY



We are always ready to meet legitimate competitive prices. We aim to supply the best seed.

## BROOMCORN MILLETS (Proso)

*Panicum milaceum*—25 to 35 Pounds

**EARLY FORTUNE** — (Hershey). A type that produces heavy yields of both fodder and seed. Its earliness is quite a factor in some sections. **Pound, 12c.**

**YELLOW HOG**—There are many kinds of broom corn type Millets. We believe this strain to be one of the best, from a standpoint of either forage or seed yield. **Lb., 12c.**

## JAPANESE MILLET

*Chaetochloa italica*—20 to 30 pounds per acre

Sometimes called Barnyard Grass or Billion Dollar Grass. It grows 6 feet or more high and produces immense crops of splendid hay, forage or ensilage. Thrives in almost any climate and soil. **Pound, 15c.**

## FOXTAIL MILLETS

*Chaetochloa italica*—20 to 30 pounds

**GOLDEN OR GERMAN**—Medium early, growing 4 to 5 feet. Often yields as much as 5 tons of good quality hay or 75 bushels of seed per acre. **Pound, 15c.**

**SIBERIAN**—A new, hardy variety, making a rank growth of forage that is leafy and makes good hay. Withstands heat and drought. **Pound, 15c.**

**HUNGARIAN**—At least a week earlier to mature than Golden and requires less moisture. Grows three feet tall. **Pound, 15c.**

**WHITE WONDER**—Extremely early and very productive. Forage is of high quality and the grain low in fiber. **Pound, 15c.**



GOLDEN MILLET

Spinach is essentially a spring and autumn crop. It delights in cool, moist weather; requires an abundance of plant food.



# LAWN SEED MIXTURES

## CREBENT LAWN SEED

For Fine Lawns

A combination of extra fine turf grasses in which Creeping Bent and Cheving's New Zealand Fescue predominate, both of which evidence a natural tendency to spread by means of underground root-stalks and will eventually exclude the other grasses if sown where proper conditions prevail at planting time and are subsequently maintained. Only fine-leaved lawn grasses, long-lived, suitable to year-round culture under Pacific Coast conditions, are used in this mixture. No clover, no timothy or other coarse grasses. Crebent Lawns are truly pleasing in appearance and become more beautiful and satisfactory as time goes on. A Crebent Lawn is a permanent investment. Packed in one and five-pound cartons for your protection. High in purity, strong germination. One pound will plant 200 square feet.

## PACIFIC LAWN SEED

For Quick Results and Economy

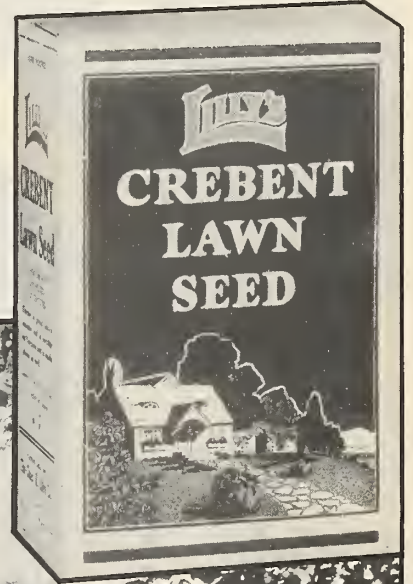
Here is a 99% pure seed grown on the Pacific Coast, that sells at real low price. Has a rich, green color and makes a vigorous growth. This seed will produce a lawn ready to cut in less time than any other seed we know of. It is a mixture of Rye grasses, which are well adapted to Coast conditions. Plant one pound to 100 square feet. Packed only in five-pound cartons.

## N-P LAWN SEED

For Hard Service

A mixture of hardy grasses which, when established, will stand the wear usually expected of a back yard, playfield, etc., and will continue to look good for many years with normal care. It comes quickly, stays green the year round, and, if sown thick enough and fertilized freely, will not become bunchy. The grasses in this mixture normally take their natural rest period at different times of the season, for which reason they automatically replace each other in predominance. Thousands of good western lawns were made from this seed, many of them years ago. Lilly's intimate knowledge of the life habits of grasses makes it possible for them to compound permanently satisfactory mixtures. Packed in one and five-pound cartons. One pound will plant 200 square feet.

Most important in lawn maintenance is the regular use of suitable fertilizer. See Lawn Morcrop on page 41.



Plants feed by absorption; when fertilizers are applied without plenty of water this process is reversed and wilting follows.

# SEED GRAINS

## SEED RYE

90 to 120 pounds per acre

**JULY'S ROSEN RYE**—Introduced by the Michigan State College from Russia; heavy yielding, large seeded, high-quality rye. The best winter variety by far.

**COMMON RYE** — A selected strain of the ordinary type of fall rye that has been grown in this country for years.

**JULY'S SPRING RYE** — This strain was perfected by the Washington State College. A good yielder and a valuable addition to our list of grains. This is a true spring grain and should be planted early.



BLUESTEM

## SEED FLAX

40 to 60 pounds per acre

Should be sown only on clean land, as it provides very little shade and offers little resistance to weeds. Has a shallow root system and therefore adapted to culture on new land. This is strictly a grain flax and not suitable for fibre.

## SEED WHEAT

80 to 120 pounds per acre

**JULY'S RED RUSSIAN** — A late maturing variety of beardless winter wheat, especially adapted to planting in the wheat-growing districts along the Coast.

**SUN** — Popular red winter wheat. Grown quite generally in the Puget Sound area. Has stiff straw and yields well.

**JULY'S MARQUIS**—Extremely early and productive as well as hardy. Straw is stiff, seed is red, heads long and free from beards. A spring wheat.

**BLUESTEM**—Mostly used as a spring wheat, but will stand fall seeding in sheltered section. Bluestem, of the Pacific Coast, has a white grain and smooth chaff.



LILLY'S VICTORY OATS

## FERTILIZE YOUR GRAIN CROPS

The benefits from the use of complete fertilizer on cereal grains are many. It overcomes much winter injury, forces young plants to tiller or stool out and thereby increases the yield, it hastens maturity, stiffens the straw and fills out the kernels. Fertilizer increases the protein content of grains.

## SEED OATS

80 to 120 pounds per acre

**JULY'S CERTIFIED VICTORY**—Excels all others for yield on light soils. The straw is stiff and the white kernels fill out good and plump; the hull is of medium thickness.

**SWEDISH SELECT** — A heavy-strawed, very productive variety, adapted to general conditions on the Coast. This white, spring oats is very popular in all the oat-growing sections.

**BANNER**—A white-seeded, spreading headed spring oats that is too well known to require much description. A very heavy yielder.

**CERTIFIED SHADELAND CLIMAX**—One of the best white oats grown. Matures medium early, has well filled grains with thin hulls.

**JULY'S BLACK ALASKA**—A black seed spring oats with heavy straw and much foliage. Good to sow with vetch or peas; fine for hay or green feed.

**JULY'S GRAY WINTER**—Especially valuable for fall seeding, grows tall, has stiff straw and yields heavily. Good for seeding with vetch.

## SEED BARLEY

75 to 100 pounds per acre

**JULY'S "SUCCESS" BEARDLESS**—An exceptional strain of true beardless barley that was perfected a number of years ago by the Washington State College. Very heavy producer. It is completely beardless.

**WHITE HULESS (Beardless)**—It threshes out like wheat and grows beardless. More productive and two weeks earlier than wheat, making it a splendid spring sown crop in some sections.

**COMMON BEARDED (White)** — A six-rowed variety of bearded barley. It is sufficiently hardy that it can be sown in the fall in sheltered localities of the West.



BEARDLESS BARLEY

Apply Garden Morcrop to your flower beds and work it well into soil before setting out plants or sowing seed. It's great.

# GARDENERS' SUPPLIES

## GROUND PEAT

**SAVES: Time—Labor—Water—Money!**

Makes Good Soil Out of Adobe, Sand and Clay

Ground Peat is partly decomposed vegetation (Humus) especially prepared for garden use. Mulching your lawn, garden and flower beds with ground Peat conserves moisture and holds it close to the surface where it is needed. A Peat mulch prevents crusting of the soil, makes it easy for plant roots to penetrate the soil in search for food, prevents the growth of weeds and assists in correcting alkaline soils, all of which are important factors in maintaining fine lawns and gardens. Peat is now used extensively for mixing with ordinary dirt and fertilizer for making "top soil" for lawns and gardens and for making potting soil for greenhouse use. It is weed free. **Large Size Carton, \$1.00.**

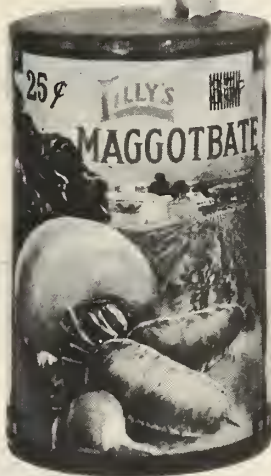
Bale Price on Application.



## MAGGOTBATE

If you have been discouraged in your vegetable gardening efforts by Root Maggots on Radish, Turnips, Onions, Cabbage, Cauliflower, Broccoli, Kale, Brussels Sprouts, etc., you will be glad to know that this pest can be easily controlled. Simply dust Maggotbate over the rows in liberal quantities after the seed is planted and again after the plants are up and repeat every week or so during the early stages of growth.

Carton, 25c;  
25-Pound Bag, \$2.25.

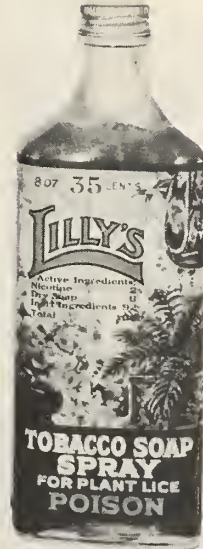


## TOBACCO-SOAP SPRAY

**The Handiest Spray on the Market**

A convenient garden and house-plant spray for the person who has a small garden or a few shrubs, and who hasn't the required experience or doesn't want to go to the trouble of making up a preparation from the raw materials. Deadly to Aphis and other soft-bodied insects. Keep a bottle of Lilly's Tobacco-Soap Spray handy so you can control unexpected Aphis infestations as soon as they are discovered. It's good garden insurance. Contains nicotine and whale oil soap spreader. It's ready to use—just pour it into the spray tank, add cold water and you are ready to spray. The unused portion does not deteriorate.

8-Ounce Bottle, 35c.



Morcrop Tablets are the largest fertilizer tablets on the market. 25 grains each.



## MORCROP FERTILIZER TABLETS

Highly concentrated, soluble, odorless, safe fertilizer in tablet form for handy use in stimulating the growth of ferns and house plants. Their regular use will make your plants thrifty and luxuriant. Directions for use are printed on the containers.

Package, 10c; Box, 25c;  
Can, 250 Tablets, \$1.00.

There is a real treat in store for you this year if you plant Spanish Gold, the new sweet corn. The finest corn you can grow.

# LILLY'S MORCROP

## LUX MORCROP



Properly balanced for general use, made from selected materials, finely ground, properly cured and reground. Comes to you in perfect free-running condition and will feed evenly from any fertilizer machine. Contains 5% Nitrogen, 6% Phosphates and 8% Potash and compounded so as to feed crops steadily throughout the entire growing season. Recommended for farms, orchards, berries, hops, potatoes, lettuce and many other special crops.

Packed in 25-Pound, 50-Pound and 100-Pound Bags.

for the farm and orchard

## GARDEN

Transforms adobe, clay, c

Extremely rich in plant food, in an available form, is richer in organic matter (humus), than any of the garden soils need humus just as much as plants need 10% phosphates and 5% potash, also elements

because  
cured and  
retaining  
condition  
1000 sc



ODORLESS — EFFECTIVE — LASTING

The Great  
Garden So

# TOP FERTILIZERS

## MORCROP

and into good garden soil

...m, properly balanced and correctly combined, high analysis fertilizer you can buy. Many ...d. Garden Morcrop contains 8% nitrogen, ... lesser importance, and is especially effective ... these elements are properly compounded and ... cause all of them are combined with moisture- ... anic matter, which improves the mechanical ... the soil. Apply at the rate of 100 pounds per ... feet of garden area. Garden Morcrop is in-

tended for general use on flowers, vegetables, lawns, shrubbery, trees, etc.; packed in convenient-sized Cartons, 35c, 65c, \$1.15; 25-Pound Bags, \$1.70; 50-Pound Bags, \$2.85.



## LAWN MORCROP



Rich in Nitrogen and carries some Phosphates and Potash. Will make lawns grow and give them a rich, green color. Highly organic in composition, has no offensive odor, feeds perfectly in any distributor, easy to put on by hand, does not burn and shows results quickly and over a long period. Used by parks, estates, municipalities, golf courses and lawn owners over the entire Pacific Coast. Apply 25 pounds per 1000 square feet several times each year.

Packed in 50-Pound Bags.

**Humus Base  
Builder!**

**made for lawns only**

# LILLY'S MORCROP FERTILIZERS

## LUX MORCROP



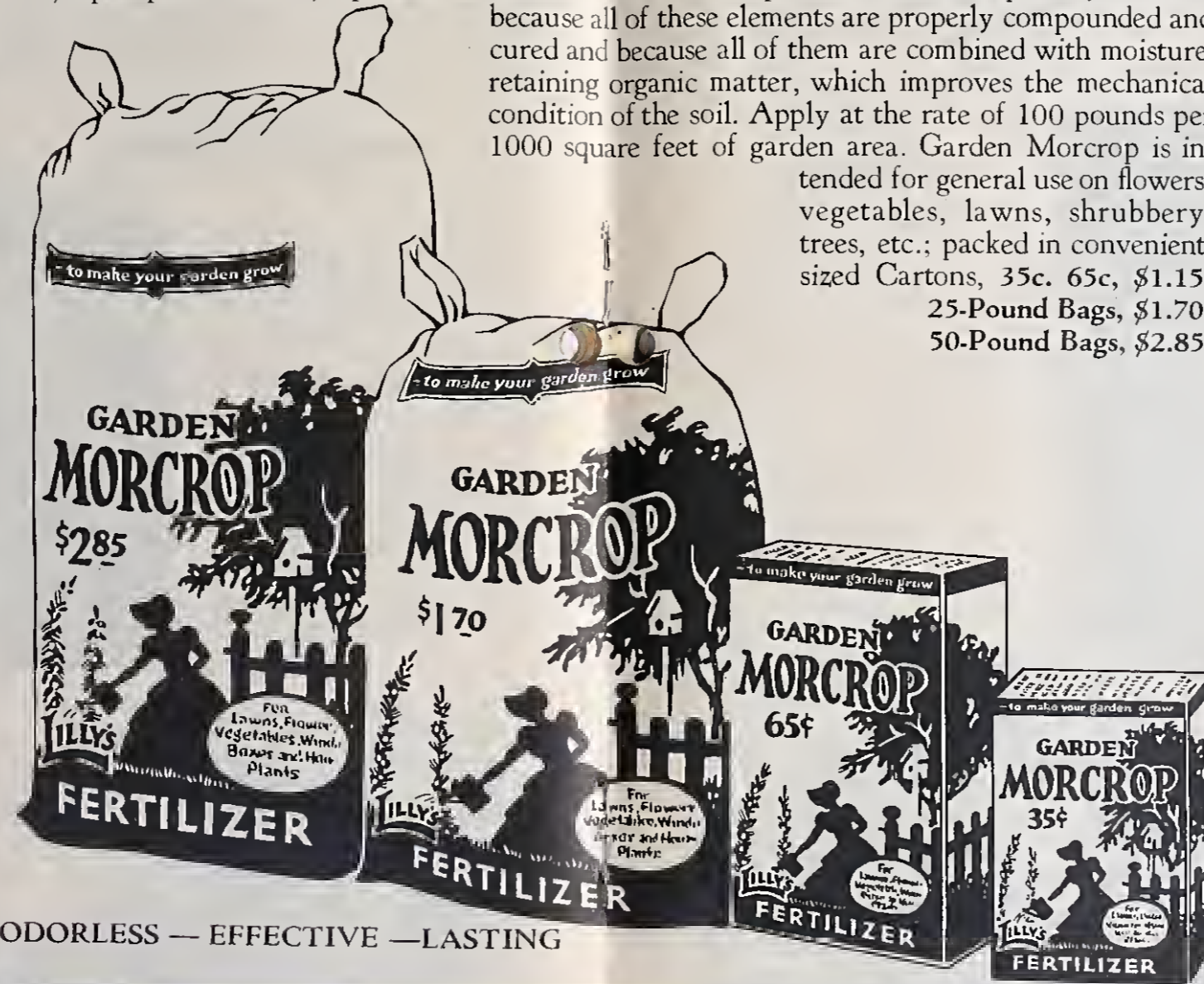
Properly balanced for general use, made from selected materials, finely ground, properly cured and reground. Comes to you in perfect free-running condition and will feed evenly from any fertilizer machine. Contains 5% Nitrogen, 6% Phosphates and 8% Potash and compounded so as to feed crops steadily throughout the entire growing season. Recommended for farms, orchards, berries, hops, potatoes, lettuce and many other special crops.  
Packed in 25-Pound, 50-Pound and 100-Pound Bags.

## GARDEN MORCROP

Transforms adobe, clay, or sand into good garden soil

Extremely rich in plant food, in an available form, properly balanced and correctly combined, richer in organic matter (humus), than any other high analysis fertilizer you can buy. Many garden soils need humus just as much as plant food. Garden Morcrop contains 8% nitrogen, 10% phosphates and 5% potash, also elements of lesser importance, and is especially effective

because all of these elements are properly compounded and cured and because all of them are combined with moisture-retaining organic matter, which improves the mechanical condition of the soil. Apply at the rate of 100 pounds per 1000 square feet of garden area. Garden Morcrop is intended for general use on flowers, vegetables, lawns, shrubbery, trees, etc.; packed in convenient-sized Cartons, 35c. 65c, \$1.15; 25-Pound Bags, \$1.70; 50-Pound Bags, \$2.85.



ODORLESS — EFFECTIVE — LASTING

## LAWN MORCROP



Rich in Nitrogen and carries some Phosphates and Potash. Will make lawns grow and give them a rich, green color. Highly organic in composition, has no offensive odor, feeds perfectly in any distributor, easy to put on by hand, does not burn and shows results quickly and over a long period. Used by parks, estates, municipalities, golf courses and lawn owners over the entire Pacific Coast. Apply 25 pounds per 1000 square feet several times each year.  
Packed in 50-Pound Bags.

# The Great Humus Base Garden Soil Builder!

made for lawns only

for the farm and orchard



# FLOWER COLLECTIONS



## ASTER COLLECTION

### Crego's Giant Comet Asters

The finest Comet type Asters. The collection is made up of a 10c packet of each color—Lavender, Crimson, Purple, White, Pink and Blue. A package of Morcrop Fertilizer Tablets comes with the collection. Price, 50c.

## PANSY COLLECTION

### Steele's Oregon Mastodons

The world's finest Pansy Seed now comes from Oregon. Steele's Pansy Gardens have selected for us the seed of some of their finest and largest blooms for this collection. If you love Pansies, you will get real joy by planting this special mixture. Price, 50c.

## ZINNIA COLLECTION

### Bodger's Gold Medal Dahlia Flowered Zinnias

The world's finest strain of Zinnias, without a doubt. Both Gold and Silver Medals have been won by the originator of this strain in world-wide competition. All colors and shades mixed. Price, 50c.

## TALL NASTURTIUM COLLECTION

Eight of the finest varieties grown separately and blended together for this collection. They were selected for their contrasting colors and varied foliage.

Price, 50c.

## DWARF NASTURTIUM COLLECTION

Like in the Aztec Collection, eight distinct varieties were selected for this collection. You will be delighted with these, "the brightest" dwarf sorts.

Price, 50c.



## SCATTER GARDEN COLLECTION

A special mixture made up of 19 varieties especially adapted for broadcast planting. Ideal for roadsides, vacant lots, camp sites, etc. Will begin to bloom in 60 days and continue the entire season. Price, 25c.

## ASSORTMENTS

This year we offer many special assortments of Flower Seed packets at reduced prices. Watch for them on most of the pages in the Flower Seed Section.

## SPENCER SWEET PEA COLLECTION

Seven 10c packets, new sorts, at the price of five. Miss California cream pink, Glen Eagles light blue, Supreme clear pink, Huntsman bright scarlet, Giant White white, Wembley true lavender, Youth white, picotee with pink edge. Price, 50c.

## EARLY SWEET PEA COLLECTION

One packet each of seven varieties, recently introduced, early flowering sorts. Peach Blossom soft pink, Canary Bird deep cream, Flamingo orange salmon, Snowstorm Improved pure white, Princess soft lavender, Spring Song cream pink, Red Bird bright crimson. Price, 50c.

The Collections offered above are all very much worthwhile and are packed in beautiful, highly lithographed envelopes, making them suitable for gifts to your garden-loving friends and as prizes at bridge parties and other gatherings.



Lawns should be fertilized at frequent intervals during spring, summer, fall. Lawn Morcrop causes thick, weed-free growth.



# FLOWER SEEDS

In compiling this Catalog of Western flowers we have arranged them alphabetically under their most commonly accepted names. Botanical names are shown in the description.

The index on page 2 is divided into two sections: the first showing the names used in this book, the second Cross Reference Section showing the botanical names.

See Latest Flower Novelties on Pages 4, 5 and 6

## GOOD NEWS

### These Varieties Now 5c

Aster—Arctotis—Baby's Breath  
 Bachelor Button—Calendula—Candytuft  
 Canterbury Bells—Castor Bean  
 Chinese Forget-Me-Not—Clarkia—Cosmos  
 Evening Scented Stocks  
 Gaillardia—Godetia—Hollyhock  
 Lady Slipper—Larkspur—Marigold  
 Mexican Firebush—Mignonette  
 Morning Glory—Nasturtium  
 Pansy—Petunia—Phlox—Pinks—Poppy  
 Salpiglossis—Scabiosa  
 Scarlet Runner—Snapdragon  
 Strawflower—Sunflower  
 Sweet Alyssum—Sweet Sultan—Sweet Peas  
 Wild Flower Garden—Zinnia

## Classification of Flowers

Following the pronunciation of plant names we show the class to which each plant belongs. In determining this for purposes of proper grouping in this book we are assuming that:

**Annuals** are plants that are started from seed each year and therefore bloom the first season, after which they die;

**Biennials** are plants that do not bloom the first season, but do bloom the second season, after which they die;

**Perennials** are plants that may or may not bloom the first year, but make a renewed growth for several seasons and bloom each year.

Some perennials are not hardy enough to stand the winters outdoors in all sections of the West and are therefore listed as annuals. They bloom the first year from seed if started early.

### Principal Flower Uses

In the second line, under the various flower headings (set in italic type), we have indicated the most important uses for the flowers and plants.

## FERTILIZING FLOWERS

Garden Morcrop is the ideal fertilizer for flowers. It increases the water-retaining capacity of the soil, stimulates bacterial action and supplies plant food in its best form. See pages 40-41.



ABRONIA

## Pronouncing Flower Names

To help eliminate some of the confusion regarding the proper pronunciation of flower names, we have again indicated in the first line under each heading in the Flower Seed Section of this catalog the now most commonly accepted pronunciation of the name. The names are syllabized and an accent is placed over the syllable that should be emphasized. Example: Dimorphothea, Dy-mor-fot'-he-ca.

## ACROCLINIUM (Everlasting)

Ak-roh'-klyn'-i-um — Annual — Mixed  
 Winter Bouquets, Cut Flowers, Edging

**ACROCLINIUM ROSEUM**—Has fleshy gray-green foliage and carries its double daisy-like, strawy-textured, rose pink and white blooms

on straight stems 12 to 15 inches long. Blooms in 6 to 7 weeks from seed; if picked as buds can be dried for winter bouquets.

No. 1137—Packet, 10c; Ounce, 30c.

## AFRICAN GOLDEN DAISY (Dimorphothea)

Dy-mor-fot'-he-ca—Annual—Golden Orange  
 Cut Flowers, Massing, Mixed Borders

**DIMORPHOTHECA AURANTIACA**, African Golden Daisy—Branching plants 18 inches tall, producing an abundance of unusually rich, glossy, orange-red, daisy-like flowers about 2½ inches across. The centers are dark with a halo at the base of the petals. Plants prefer a dry, sunny position.

No. 1236—Packet, 10c; Quarter Ounce, 40c.

Pick all your flowers as soon as they start to fade if you want the plants to continue blooming.



ACROCLINIUM

## ABRONIA (Sand Verbena)

Ab-roh'-ni-a — Annual — Mixed Colors

Ground Cover, Rock Work, Hanging Baskets

**ABRONIA UMBELLATA GRANDIFLORA**—Grows 6 to 10 inches high, has trailing vines 3 to 5 feet long, produces flat topped clusters of sweetly fragrant verbena-like flowers in rose, pink, white, etc. Thrives in poor soil, but demands a sunny position.

No. 1170—Packet, 10c; Half Ounce, 25c.



AFRICAN GOLDEN DAISY

You don't have to worry about Root Maggots killing your Cabbage Plants if you dust them at intervals with Maggotbate.



AGERATUM



ANCHUSA



ANEMONE



ARCTOTIS



ARABIS

## AGERATUM (Floss Flower)

Ah-jeer'-ah-tum — Annual — Azure Blue

Color Masses, Edging, Beds and Borders

**AGERATUM MEXICANUM, Little Dorrit Blue**—A dwarf free-flowering plant from Mexico, 6 to 12 inches tall. Easily grown from seed, blooms most profusely in hot, dry weather. Prefers a light soil and sunny position. Not easily damaged by rain or sprinkling. Its unfading azure blue color is much appreciated.

No. 439—Packet, 10c; Quarter Ounce, 30c.

## ANCHUSA (Summer Forget-me-not)

An-keu'-za — Annual — Gentian Blue

Cut Flowers, Color Masses, Bedding

**ANCHUSA CAPENSIS**—A branching plant 24 inches tall, of dark green color with hairy stems and leaves, producing flowers similar to regular forget-me-nots, except that they are somewhat larger. The color is a bright gentian blue and the flowers are borne on drooping racemes.

No. 1207—Packet, 10c; Half Ounce, 25c.

## ANEMONE (Wind Flower)

An-em'-on-nee — Perennial — Mixed Colors

Cut Flowers, Edging, Massing

**ANEMONE CORONARIA**—Low-growing, strong-stemmed plants with feathery foliage close to the ground. The flowers are very gay with bold contrasting markings, on 10-inch stems. They bloom early and are unexcelled for table decoration. Seed germinates slowly. Plants like partial shade.

No. 1174—Packet, 10c; Quarter Ounce, 30c.

## ARABIS (Rock Cress)

Air'-ah-bis — Perennial — White

Rockeries, Edging, Color Masses

**ARABIS ALPINA GRANDIFLORA** — A low-growing spreading alpine or rockery plant that covers itself completely with small, white flowers. Blooms with Golden Alyssum, thrives in any soil if plenty of sun. Many people call it Snow on the Mountain, which is erroneous.

No. 1035—Packet, 10c; Half Ounce, 35c.

## ARCTOTIS (Blue-Eyed Daisy)

Ark-toh'-tis — Annual — Silvery White

Cut Flowers, Mixed Borders, Massing

**ARCTOTIS GRANDIS** — Grows 2½ feet tall, branches freely and has silvery gray deep cut foliage. Daisy flowered, the petals are silvery white inside and silvery blue outside. The centers are blue and the petals have a golden halo at the base.

No. 1136—Packet, 5c; Quarter Ounce, 25c.

Page 44 ASSORTMENT—One packet each Ageratum, Anchusa, Anemone, Arabis and Arctotis. Value 50c. Price, 40c.

Turn to Pages 4, 5 and 6 for Latest Novelties.

Brussels Sprouts are always grown as a fall crop and are usually started in seedbeds. Require longer season than cabbage.

## ASTERS (*Callistephus*)

As'ter — Annual — Mixed Colors

Cut Flowers, Massing, Mixed Borders

China Asters are available in a great many varieties and are one of America's most popular flowers. Our offering here consists of the best sorts for Western conditions.

**CREGO GIANT ASTER**—Has ostrich-feather-like petals of extreme length, which are most attractively curled and twisted and resemble *Chrysanthemums*. The plants average 24 inches tall, make a branching growth and bear their large (5 inch) flowers on long, strong stems. Mixed colors.

No. 1079—Packet, 10c; Eighth Ounce, 30c.

**SUNSHINE ASTER** — This type of aster has a cushion center, made up of tiny quills of contrasting color, to that of the single row of large, outside guard petals. The flowers have the appearance of being covered with snowflakes. Mixed colors.

No. 1208—Packet, 10c; Sixteenth Ounce, 30c.

**GIANT CALIFORNIA SUNSHINE ASTER**—An improved type with longer, stronger stems. The plants are more robust in every way—the blooms are larger and more abundant. Especially suited for florists' use and exhibition. All the aster colors are represented in this mixture. 30 inches tall.

No. 1287—Packet, 15c; One-thirty-second Ounce, 30c.

**BRANCHING ASTER**—The plants form strong, branching bushes 2 to 2½ feet high, carrying their numerous flowers on long, strong stems. The blooms are densely double and are most abundant late in the season. Valuable for either cutting or bedding. Mixed colors.

No. 900—Packet, 5c; Quarter Ounce, 40c.

**SINGLE ASTER**—Known also as the Marguerite Aster. The plants have a handsome pyramidal habit of growth, branch freely and carry their blooms on long, slender stems. The flowers are daisy-like with very long petals and are very artistic in appearance. A popular florist type. Mixed colors.

No. 1209—Packet, 10c; Quarter Ounce, 40c.

### Jilly's DAZZLER ASTER COLLECTION

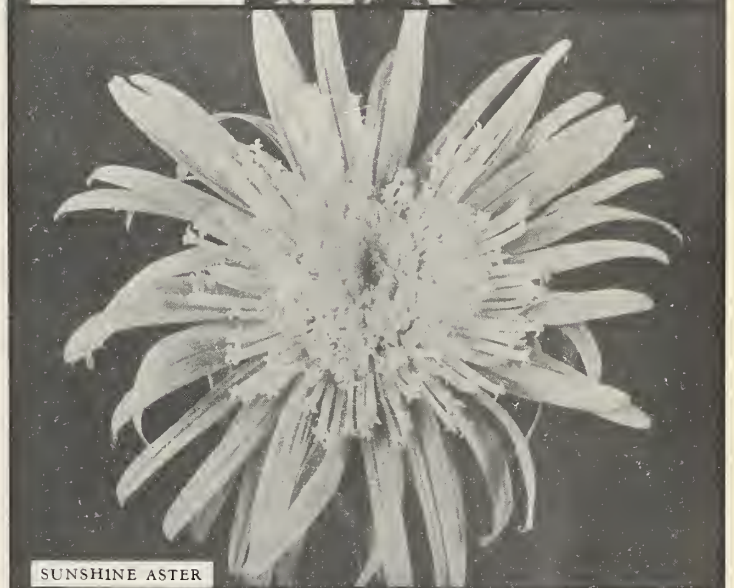
To meet an insistent demand from aster lovers we are again offering this collection consisting of a packet each of six separate colors, white, pink, crimson, lavender, blue and purple Crego Giant Asters, and a packet of Morcrop Fertilizer Tablets at the special collection price of 50c.

### RAINBOW ASTER ASSORTMENT

If you want a variety of asters we will sell you one packet each of Crego Giant Asters, California Giant Sunshine Asters, Sunshine Asters, Single Asters and Branching Asters, each in mixed colors and having a total value of 50c, at a special assortment price of 40c.



CREGO GIANT ASTER



SUNSHINE ASTER



BRANCHING ASTER



SINGLE ASTER

Early planted Sweet Peas do better because they like cool growing weather; make a better root system before blooming.



BABY'S BREATH Snowflake



BABY'S BREATH Perennial



BLUE FLAX



BLUE LACE FLOWER



BACHELOR BUTTON

## BABY'S BREATH (*Gypsophila*)

Jip-sof'il-a — White and Pink

Mixing with Bouquets, Borders

Nothing is more essential for mixing with bouquets. It lends an air of grace and daintiness to any floral decoration. There are both annual and perennial sorts.

**GYPSOPHILA PANICULATA**, Perennial Baby's Breath—Graceful plants of light fairy like growth. Three feet high. Tiny, white flowers are borne in great profusion on slender branching stems. Blooms the first year if planted early. Can be dried for winter. No. 918—Packet, 10c; Ounce, 40c.

**GYPSOPHILA ELEGANS ALBA**, Baby's Breath, Snowflake—Annual, white. An improved, large, flowering, pure white form. The numerous flowers and their flat, snowy petals have made it known as Snowflake. Two feet tall.

No. 925—Packet, 5c; Ounce, 20c.

**GYPSOPHILA ELEGANS ROSEA**, Rose Pink Baby's Breath—Annual, strong-branching plants, two feet tall, with the same type of flower as Snowflake, except that they are a beautiful rose-pink color. Especially fine with some types of bouquets.

No. 1288—Packet, 10c; Ounce, 30c.

## BACHELOR'S BUTTON (*Centaurea*)

Sen-tau-ree'a — Annual — Mixed Colors

Cutting, Massing, Naturalizing

**CENTAUREA CYANUS**, Bachelor's Button—One of the old-fashioned flowers that has been greatly improved. The flowers are double. Very hardy, can be planted either in the spring or fall. Blooms freely and self-sows if plants are allowed to mature.

No. 225—Packet, 5c; Ounce, 25c.

## BLUE FLAX (*Linum*)

Ly'num — Perennial — Sky Blue

Color Masses, Among Shrubbery, Borders

**LINUM PERENNE**, Blue Flax—Graceful plants, two feet tall, of light, feathery appearance. Slender stems, fine foliage, delicate airy flowers. Always covered with a sheet of blooms, though each flower lasts only one day.

No. 1289—Packet, 10c; Ounce, 40c.

## BLUE LACE FLOWER (*Didiscus*)

Di-dis'kus — Annual — Blue

For Cutting, Massing and Mixed Borders

**DIDISCUS CAERULEA**, Blue Lace Flower—Popular since olden times, thrives in any soil. The peculiar make-up of the flower heads gives them the appearance of delicate old lace. Plants are three feet tall. The seed germinates slowly.

No. 1184—Packet, 10c; Eighth Ounce, 30c.

Page 46 ASSORTMENT—One packet Pink Baby's Breath, Blue Lace Flower and Blue Flax. Value 30c. Price, 25c.

The treatment required by Kohl Rabi is that demanded by turnips. It is usually not transplanted. Rapid growth is essential.



BRACHYCOME

BROWALLIA

CALENDULA  
Radio

CALENDULA  
Lemon Queen

CALLIOPSIS

**BRACHYCOME (Swan River Daisy)**

Brak-i-koh'-me — Annual — Mixed Colors  
Edging for Beds and Borders, Massing

**BRACHYCOME IBERIDIFOLIA**—Rather dwarf but stocky plants (12 inches) that are covered the greater part of the summer and fall with small Cineraria-like flowers in many bright colors. Prefers full exposure to the sun.

No. 1210—Packet, 10c; Quarter Ounce, 35c.

**BROWALLIA (Amethyst)**

Broh-wahl'-i-a — Annual — Mixed Colors  
Porch Boxes, Hanging Baskets, Ground Cover

**BROWALLIA ELATA**—Graceful plants, 12 inches tall, that have a tendency to creep or vine. The flowers are mostly blues and white and are very showy, having a winged appearance.

No. 1211—Packet, 10c; Quarter Ounce, 35c.

**CALENDULA (Scotch or Pot Marigold)**

Ka-len'-du-la — Annual — Mixed Colors  
Cutting, Massing, Mixed Borders

**CALENDULA OFFICINALIS, Double Mixed**—Among the most satisfactory, showy and continuous blooming annuals. The stems are not especially long but the flowers are produced in great profusion and continue over a long time. By making several plantings they can be had in bloom the year round. This mixture contains a choice assortment of colors.

No. 117—Packet, 5c; Ounce, 25c.

**CALENDULA, Radio**—A recent novelty of English origin. This type produces medium sized flowers with beautifully quilled petals and so densely double that the flower appears globe shaped. The color is a clear, rich orange. You should grow this one.

No. 1290—Packet, 15c; Half Ounce, 35c.

**CALENDULA OFFICINALIS, Orange King** — An extra large, full double, intense orange flowered strain. Fine for massing and cutflowers. Plants grow 15 inches tall.

No. 1200—Packet, 10c; Ounce, 35c.

**CALENDULA OFFICINALIS, Lemon Queen**—Clear lemon yellow flowers. In every other respect it is like Orange King.

No. 1212—Packet, 10c; Ounce, 35c.

**CALLIOPSIS (Tickseed)**

Kal-i-op'-sis — Annual — Mixed Colors  
Cutting, Mixed Beds, Massing

**CALLIOPSIS TINCTORIA** — Plants two feet high with sparse, deep-cut, feathery foliage and many branches. The flowers are very abundant and their bright yellow is uniquely marked with brown and maroon.

No. 116—Packet, 10c; Ounce, 30c.

Page 47 ASSORTMENT—One packet each Brachycome, Browallia, Calendula Double Mixed, Calendula Radio and Calliopsis. Value 50c. Price. 40c.

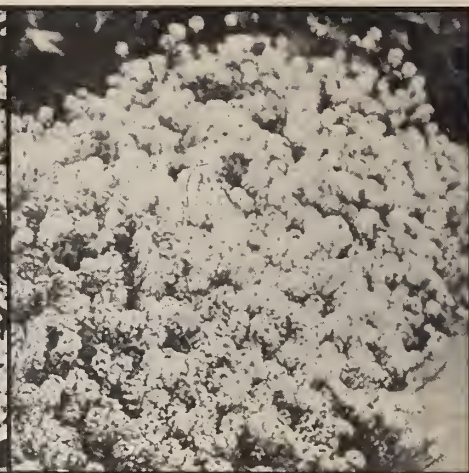
Spray the easy way, use Tobacco-Soap Spray. It's ready to use, just add cold water and spray; no muss, no fuss or waste.



CANARY BIRD VINE



CANDYTUFT UMBELLATA



CANDYTUFT WHITE ROCKET

### CANARY BIRD VINE (*Tropaeolum*)

Tro-pee'-o-lum — Annual — Canary Yellow

Shade, Ornamental Screen

**TROPAEOLUM CANARIENSE, Canary Bird Vine**—A dainty vine with beautiful Nasturtium-like leaves, each having five lobes. The clear yellow flowers have a fancied resemblance to a canary bird in flight. Blooms abundantly, thrives in the shade. 10 feet.

No. 148—Packet, 10c; Ounce, 40c.

### CANDYTUFT (*Iberis*)

Y-ber'-is — Annual — Mixed Colors

Cut Flowers, Massing, Mixed Borders

**IBERIS HYBRIDA, Candytuft Umbellata**—Here is an annual that comes into bloom quickly from seed and literally blooms itself to death. The flat-topped flower heads are set so close together as to hide the foliage entirely.

No. 1144—Packet, 5c; Ounce, 25c.

**IBERIS CORONARIA, Candytuft White Rocket**—Prefers cool growing weather or partial shade. The flower spikes are not unlike miniature white Hyacinths and are produced in great profusion. 18 inches tall, will bloom in 10 weeks from seed.

No. 39—Packet, 10c; Ounce, 35c.

### PLANTS SUITABLE for WINTER BOUQUETS

(Dried Flowers)

Acroclinium	Gomphrena	*Stalice
*Baby's Breath	*Money Plant	Strawflower
*Chinese Lantern	Rhodanthe	*Sweet Lavender
Cockscomb		Xeranthemum

Those prefixed \* are perennial.

### CANNA (Indian Shot)

Kan'-a — Annual — Mixed Colors

Cutting, Beds, Backgrounds

**CANNA INDICA, Crosby's Hybrids**—Showy plants three to five feet tall, producing immense Gladiolus-like flower heads in brilliant colors. They are profuse and continuous bloomers and require a full season to attain maximum growth.

No. 1291—Packet, 10c; Half Ounce, 35c.

### CANTERBURY BELLS (*Campanula*)

Kam-pan'-eu-la — Biennial — Mixed

Beds, Mixed Borders, Cutting

**CAMPANULA MEDIUM, Single**—Dignified, stately plants of true biennial habit. The plants reach a height of three feet and stay in bloom about six weeks. The colors are intense and are especially desirable for massing.

No. 15—Packet, 5c; Ounce, 40c.

**CAMPANULA MEDIUM CALYCANTHEMA**—A very effective biennial with semi-double flowers, each bloom resembling a cup and saucer. Unquestionably the finest type of this old-fashioned garden favorite.

No. 157—Packet, 10c; Eighth Ounce, 30c.

### ANNUAL PLANTS suitable for HANGING BASKETS, WINDOW and PORCH BOXES, etc.

Abronia	Iceplant	Nasturtium	Thunbergia
Ageratum	Lantana	Petunia	Verbena
Browallia	Lobelia	Portulaca	Viola

CANNA

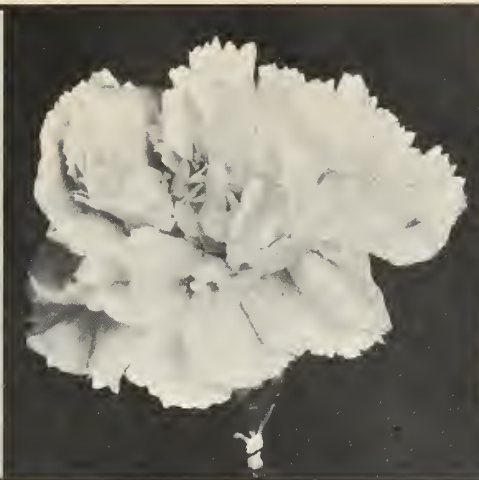
SINGLE — CANTERBURY BELLS — CUP & SAUCER



Your lawn is the foundation of your garden and can be the most inviting object around your home. Use Lawn Morcrop.



CARDINAL CLIMBER



CARNATION



CASTOR BEAN

### CARDINAL CLIMBER (*Ipomoea*)

*Ip-o-mee'-a* — Annual — Cardinal Red  
*Shade, Ornamental Screen, Background*

**IPOMOEA QUAMOCLIT HYBRIDA**, Cardinal Climber—An attractive strong-growing vine with fern-like beautifully laciniated foliage. At bloomtime the vine is densely studded with bright cardinal-red flowers an inch in diameter, borne in clusters. Makes a dense shade and requires a sunny position.

No. 1127—Packet, 10c; Quarter Ounce, 35c.

### CARNATION (*Dianthus*)

*Dy-an'-thus* — Perennial — Mixed Colors  
*Cut Flowers, Fragrance, Rockeries, Beds*

**DIANTHUS CARYOPHYLLUS**, Carnation, Chabauds Ever-blooming—Its everblooming habit, delicious fragrance and rich coloring make it highly prized for cutting. Blooms the first year if started early. The cut flowers last a long time. 20 inches tall.

No. 16—Packet, 10c; Eighth Ounce, 30c.

### CASTOR BEAN (*Ricinus*)

*Ris'-in-us* — Annual — Ornamental Foliage  
*Specimen Planting, Backgrounds*

**RICINUS SANGUINEUS**, Castor Bean — Magnificent, stately plants of tropical appearance with unusually large, green leaves which have a metallic sheen and red midribs. The inconspicuous scarlet flowers are followed by interesting seed pods.

No. 140—Packet, 5c; Ounce, 20c.

### CELOSIA PLUMOSA (Feather Cockscomb)

*See-loh'-si-a* — Annual — Mixed Colors  
*Massing, Cutting, Winter Bouquets*

**CELOSIA PYRAMIDALIS PLUMOSA**—Rather odd, picturesque garden plants having large, plum-like flower heads resembling ostrich feathers. Easily grown, three feet tall, can be dried for winter.

No. 119—Packet, 10c; Half Ounce, 35c.

### CHINESE FORGET-ME-NOT (*Cynoglossum*)

*Syn-o-glos'-sum* — Annual — Indigo Blue  
*Cutting, Massing, Mixed Borders*

**CYNOGLOSSUM AMABILE**, Chinese Forget-Me-Not — Tall, erect growing plants that look like overgrown forget-me-nots. The flowers are large, delightfully fragrant and of a brilliant indigo-blue color. 18 to 24 inches.

No. 1214—Packet, 5c; Ounce, 30c.

### CHINESE LANTERN (*Physalis*)

*Fy'-sa-lis* — Annual — Yellow

*Winter Bouquets when seed pods are red*

**PHYSALIS FRANCHETI**, Chinese Lantern Plant—An ornamental plant having yellow, dark centered flowers which are followed by balloon-like, husk-covered seed pods which turn a bright Chinese red when ripe and have the fancied appearance of miniature Chinese lanterns. 2 feet tall.

No. 1292—Packet, 10c; Quarter Ounce, 40c.

Page 49 ASSORTMENT—One packet each of the six varieties on this page, 40c.

CELOSIA

CHINESE FORGET-ME-NOT

CHINESE LANTERN



You will be surprised how Herbs will reduce your grocery bill. Proper seasoning makes the most simple dishes delicious.



CHINESE WOOLFLOWER



CHRYSANTHEMUM



CORAL BELLS

### CHINESE WOOLFLOWER (*Celosia*)

*See-lo'-si-a* — Annual — Red  
*Mixed Beds, Massing, Cut Flowers*

**CELOSIA CHILDSII, Chinese Woolflower**—A unique type of feathery or plumed Cockscomb, each stem and branch terminates with a cluster-head of red bloom which has the appearance of silky wool. Very colorful, easy to grow, need full sun, the color lasts until frost.

No. 1237—Packet, 10c; Eighth Ounce, 30c.

### CHRYSANTHEMUM

*Kris-an'-the-mum* — Annual — Mixed Colors  
*Bedding, Color Masses, Cutting*

**CHRYSANTHEMUM CARINATUM TRICOLOR** — An effective bedding annual that produces desirable flowers for cutting. The plants, 2 feet tall, bloom continuously over a long time. Entirely different from the perennial sorts that bloom only in the fall.

No. 1058—Packet, 10c; Ounce, 40c.

### CLARKIA (*Rocky Mountain Garland*)

*Klar-ki'-a* — Annual — Mixed Colors  
*Mixed Borders, Cut Flowers, Massing*

**CLARKIA ELEGANS DOUBLE**—Graceful free flowering plants 2½ to 3 feet tall, having densely double flowers in bright colors, at the leaf axils almost the full length of the stems. Aply described as the flowering almond of the garden.

No. 1128—Packet, 5c; Half Ounce, 25c.

### COLUMBINE (*Aquilegia*)

*Ak-wi-leej'-i-a* — Perennial — Mixed Colors  
*Cutting, Bedding, Mixed Borders*

**AQUILEGIA, Columbine, Long Spurred Hybrid** — A favorite old-time perennial that has been much improved in size and blooming quality. Plants are 3 feet tall, graceful and have an air of dignity that compels admiration. Likes partial shade.

No. 1177—Pkt., 10c; Eighth Ounce, 40c.

### CORAL BELLS (*Heuchera*)

*Heu'-ker-a* — Perennial — Coral Red  
*Rockeries, Cutting, Edging*

**HEUCHERA SANGUINEA SPLENDENS, Coral Bells**—A charming plant producing a rosette of foliage close to the ground, and long, wiry flower spikes in great abundance. The flowers are a charming coral-red color and make a vivid show.

No. 1293—Packet, 25c; 1/32 Ounce, 60c.

### COREOPSIS (*Tickseed*)

*Kor-e-op'-sis* — Perennial — Yellow  
*Cutting, Massing, Mixed Borders*

**COREOPSIS LANCEOLATA GRANDIFLORA** — A showy, free-flowering, hardy perennial that carries its clear-colored, bold yellow flowers on long, strong stems, which makes them ideal for cutting. The plants are 2 to 3 feet tall and bloom without interruption for a long time.

No. 1294—Packet, 10c; Half Ounce, 35c.



COLUMBINE



COREOPSIS



CLARKIA

Root Maggots will not bother Onions if the plants are kept dusted with Maggotbate. Morcrop, the ideal Onion Fertilizer.





SINGLE COSMOS

## COSMOS (Cosmea)

Kos'-mee-a — Annual — Mixed Colors  
Cutting, Massing, Backgrounds

**COSMEA BIPINNATA, Double Crested, Early Flowering Cosmos**—The improved Cosmos has a sparse growth of foliage, grows about 4 feet tall and begins blooming in mid-summer. This new one has a large tufted crown or crest in the center of each flower and but one row of large guard petals.  
No. 1295—Packet, 15c; 1/16 Ounce, 25c.

**COSMEA BIPINNATA, Early Flowering**—A large flowering, greatly improved, single sort. Blooms early and freely. The plants are 4 feet tall with many branches, all of which develop a profusion of flowers. Very nice for bouquets.  
No. 282—Packet, 5c; Half Ounce, 25c.

**COSMEA BIPINNATA, Early Flowering, Pink**— Extra large blooms of a beautiful clear pink color.  
No. 1033—Packet, 10c; Half Ounce, 40c.

**COSMEA HYBRIDA KLONDIKE, Orange** — A hybrid that blooms later than the other sorts offered. The plants make a more vigorous growth, flowers orange-yellow.  
No. 1168—Packet, 10c; Quarter Ounce, 35c.

## CUP AND SAUCER VINE (Cobaea)

Ko-bee'-a — Annual — Purple  
Shade, Screen, Backgrounds

**COBAEA SCANDENS, Cup and Saucer Vine**—A climber of rapid growth that will cling readily to any rough surface. Flowers come out a light green, but change to purple. Perennial in the frostless areas. 20 feet.

No. 120—Packet, 10c; Quarter Ounce, 35c.

## CYPRESS VINE (Ipomoea)

Ip-o-mee'-a — Annual — Mixed Colors  
Ornamental Screen, Shade, Background

**IPOMOEA QUAMOCLIT, Cypress Vine**—A dainty vine with fine fern-like foliage which at bloom time is dotted with small star-shaped flowers of scarlet and white. Does well in light, warm soil. 15 feet. No. 1185—Packet, 10c; Ounce, 40c.

## DAHLIA

Dahl'-i-a — Annual — Mixed  
Cutting, Massing, Mixed Borders

**DAHLIA VARIABILIS** — Dahlias do not come true from seed, which makes their culture in this manner very interesting. One is very apt to develop charming new varieties of real value. The seed offered here is gathered only from the finest varieties.  
No. 1203—Packet, 10c; Quarter Ounce 35c.

## DELPHINIUM

Del-fin'-i-um — Perennial — Blue  
Massing, Cut Flowers, Mixed Borders

**DELPHINIUM ELATUM HYBRIDUM, BELLADONNA & BELLAMOSUM, Mixed**—Beautiful, hardy, border perennials with noble spikes of handsome blue flowers reaching a height of 5 to 8 feet. They like lots of sun, rich moist soil, and cultivation. No. 1057—Packet, 10c; Quarter Ounce, 40c.



DOUBLE, CRESTED COSMOS



DAHLIA



DELPHINIUM



CYPRESS VINE



CUP & SAUCER VINE

Celery requires cool, very rich, moist soil, deeply prepared; well supplied with humus. Careful attention; surface tillage.



ENGLISH DOUBLE DAISY



EVENING SCENTED STOCKS



FLOWERING TOBACCO



FORGET-ME-NOT



FOUR O'CLOCK

## ENGLISH DOUBLE DAISY (*Bellis*)

*Bel'lis* — Perennial — Mixed Colors

*Edging, Rockeries, Beds, Cutting*

**BELLIS PERENNIS**, *English Double Daisy*—Blooms early in the spring and loves a shady location. The leaves form a rosette at the base of the plant and the daisy-like double flowers are borne above on stiff, yet graceful stems 8 inches tall.

No. 13—Packet, 10c; Eighth Ounce, 25c.

## EVENING SCENTED STOCKS (*Matthiola*)

*Mat-thi'o-la* — Annual — Pale Lilac

*Grown Principally for Its Sweet Fragrance*

**MATTHIOLA BICORNIS**, *Evening Scented Stocks* — An old fashioned plant, the flowers of which are inconspicuous but have a sweet fragrance that is noticeable for some distance during the evening. Plants reach a height of 15 inches.

No. 1311—Packet, 5c; Ounce, 20c.

## EVERLASTING FLOWERS

*Winter Bouquets* — Annual — Mixed Colors

*Grown for Dried Flowers*

**EVERLASTINGS**, *Mixed Varieties and Colors*—For the sake of economy and variety we offer this mixture of all the annual flowers suitable for drying for winter bouquets. You will be greatly interested in watching them develop.

No. 1242—Packet, 10c; Half Ounce, 30c.

## FLOWERING TOBACCO (*Nicotiana*)

*Ni-koh-shi-ay'na* — Annual — Mixed Colors

*Bedding, Fragrance*

**NICOTIANA AFFINIS HYBRIDA**, *Flowering Tobacco*—An easily grown plant, the evening fragrance of which is delightful. The flowers are borne in great profusion on long stems, while the foliage forms a cluster at the base. Requires room and rich soil. Height, 3 feet.

No. 1146—Packet, 10c; Half Ounce, 35c.

## FORGET-ME-NOT (*Myosotis*)

*My-oh-soh'tis* — Perennial — Blue

*Rockeries, Edging, Moist Places*

**MYOSOTIS PALUSTRIS**, *Forget-Me-Not* — These dainty, graceful little flowers are lovers of rich, moist soil and partially shaded, cool locations. Plants are 8 inches tall and will bloom the first year if started early. Very free flowering.

No. 1054—Packet, 10c; Eighth Ounce, 30c.

## FOUR O'CLOCK (*Mirabilis*)

*My-rab'il-is* — Annual — Mixed Colors

*Beds, Borders, Fragrance*

**MIRABILIS JALAPA**, *Four o'Clock*—Known also as the Marvel of Peru. The flowers are morning glory like and open only late in the afternoon and on cloudy days. Plants reach a height of 2½ feet and are charming for temporary hedges.

No. 51—Packet, 10c; Ounce, 25c.

Making a New Lawn? See Pages 37 and 41.

Parsnips like rich, deep, open soil and require a full-length season; winter hardy. Leave them in the garden until wanted.

## FOXGLOVE (*Digitalis*)

Dij-i-tay'-lis — Perennial — Mixed Colors

*Massing, Cutting, Mixed Borders*

**DIGITALIS GLOXINOIDES, Foxglove**—The tall, stately spikes of Foxglove are especially attractive if grown among shrubbery. Ideally suited for massing as backgrounds. Height, 5 feet. They thrive in partial shade.

No. 165—Packet, 10c; Quarter Ounce, 40c.

## GAILLARDIA (Blanket Flower)

Gayl-lar'-di-a — Various — Mixed Colors

*Cutting, Massing, Mixed Borders*

**GAILLARDIA GRANDIFLORA, Single Perennial** — The plants grow 2½ feet tall and produce a profusion of beautiful large flowers on long, strong, leafless stems. Colors vary from clear yellow to crimson with yellow tipped petals.

No. 444—Packet, 10c; Half Ounce, 30c.

**GAILLARDIA PICTA LORENZIANA, Double Annual**—One of the most profuse blooming garden plants. The flowers are very double, being almost globe-shaped and made up of innumerable small florets. Very showy in the garden, where it blooms continuously and a fine cut flower. 2½ feet tall.

No. 1215—Packet, 5c; Quarter Ounce, 30c.

## GARDEN HELIOTROPE (*Valeriana*)

Va-lee-ri-ay'-na — Perennial — Mixed Colors

*Cutting, Mixed Borders*

**VALERIANA OFFINCINALIS, Garden Heliotrope** — A hardy, free-blooming, summer-flowering plant that will stand much neglect. Foliage silvery green, flower heads of feathery appearance are made up of numerous, tiny sweet scented florets. 3 feet tall. Will bloom repeatedly if fading flowers are picked. No. 1296—Packet, 10c; Quarter Ounce, 30c.

## GERANIUM

Jer-ay'-ni-um — Perennial — Mixed Colors

*Bedding, Pot Plants, Cutting*

**GERANIUM ZONALE**—Easily grown from seed and will bloom the first year if started early. Very interesting to grow, because of the great variation in the plants. They bloom abundantly and in a wide range of colors. Height, 2 feet.

No. 1206—Packet, 10c; 1/16 Ounce, 40c.

## GEUM (Avens)

Gee'-um — Perennial — Mixed Colors

*Bedding, Cutting, Mixed Borders*

**GEUM**—Pretty plants of low growth, sending up numerous branching flower stems 2 feet long. The flowers are double, about 2 inches in diameter and a rich orange-scarlet in color. Very graceful and showy, they remain in bloom a long time.

No. 1131—Packet, 10c; Eighth Ounce, 35c.

Page 53 PERENNIAL ASSORTMENT—One packet each Foxglove, Single Gaillardia, Garden Heliotrope, Geranium and Geum. Value 50c. Price, 40c.



FOXGLOVE



DOUBLE GAILLARDIA ABOVE

SINGLE GAILLARDIA



GERANIUMS



GARDEN HELIOTROPE



GEUM

Garden Morcrop contains more organic matter (humus) than any other high analysis fertilizer marketed. Holds moisture.



GODETIA

## GODETIA (Satin Flower)

Go-dee'-shi-a — Annual — Mixed Colors

*Bedding, Cutting, Mixed Borders*

**GODETIA, Tall Double Azalea Flowered** — Among the easiest grown garden flowers; they thrive in partial shade, bloom abundantly and the azalea-like flowers have a beautiful satiny texture and delicate coloring. Bloom best in rather poor soil.

No. 1141—Packet, 5c; Half Ounce, 35c.

## GOLDEN ALYSSUM (Saxatile)

Sax'a-til — Perennial — Golden Yellow

*Rockeries, Cutting, Mixed Borders*

**ALYSSUM SAXATILE COMPACTUM, Golden Alyssum** — Perfectly hardy, of strong growth, producing masses of golden yellow flowers which, though very small, are so numerous that the plant is practically solid golden color. If the flower stems are cut when through blooming, a second bloom will follow. 12 inches high.

No. 1204—Packet, 10c; Quarter Ounce, 30c.

## GOMPHRENA (Amaranth)

Gom-free'-na — Annual — Mixed Colors

*Edging, Cutting, Winter Bouquets*

**GOMPHRENA GLOBOSA** — Entirely different from every other everlasting flower. The blossoms resemble clover heads,  $\frac{3}{4}$  of an inch in diameter. The mixture embraces a fine range of colors. Plants are 18 inches tall, and the fleshy branches are quite stiff and very erect.

No. 1117—Packet, 10c; Ounce, 30c.



GOURDS

## GOURDS (Cucurbita)

Keu-kur'-bi-ta — Annual — Mixed

*Grown for Its Ornamental Fruits*

**CUCURBITA PEPO, Gourds Ornamental Mixed** — Novel climbers with ornamental foliage and odd-shaped fruits with strange markings. The plants grow rapidly, often spread fifteen feet and fruit abundantly.

No. 1132—Packet, 10c; Ounce, 25c.

## HELIOTROPE (Cherry Pie)

Hee'-li-o-trope — Perennial — Mixed

*Bedding, Pot Plant, Fragrance*

**HELOTROPE**—Everyone loves the delightful fragrance and beauty of this plant which, during recent years, has become popular as a garden plant. Easily grown from seed, 2 feet tall, free-blooming. Water freely while in bloom.

No. 1179—Packet, 10c; Eighth Ounce, 30c.

### PAGE 54 ASSORTMENT

A packet each of the five flowers on the opposite page.  
Value. 45c. Price, 50c.



GOLDEN  
ALYSSUM



HELIOTROPE



GOMPHRENA

Peas may be planted very early; they require a cool climate and moist soil. Plant in rows; support with stakes or brush.

## HOLLYHOCK (*Althaea*)

Al'-thee-a — Various — Mixed Colors

Mixed Borders, Backgrounds, Massing

**ALTHAEA ROSEA, Hollyhock Double** — Perennial. An old-fashioned favorite wherever height and color were required. Greatly improved in blooming quality and with a wider range of colors and less tendency to get leggy. 6 to 7 feet tall. Flowers double and fringed.

No. 37—Packet, 10c; Quarter Ounce, 30c.

**ALTHAEA HYBRIDA SEMPERFLORENS, Hollyhock Single** — Classed as annuals because they bloom the first year from seed; they are true perennials, however, since they make renewed growth each succeeding season. Blossoms are single, very large, some with beautifully fringed edges and in a wide range of charming colors. 5 to 6 feet high.

No. 961—Packet, 5c; Half Ounce, 30c.

## HYACINTH BEAN (*Dolichos*)

Dol'-i-kos — Annual — Mixed Colors

Shade, Screen, Arbors and Trellises

**DOLICHOS LABLAB, Hyacinth Bean Vine** — A showy, fast-growing, climbing vine reaching a height of ten feet. The colors are reddish-maroon and white and the blossoms are borne in profusion during the fall months. Even the seed pods are attractive.

No. 1216—Packet, 10c; Ounce, 20c.

## ICE PLANT (*Mesembryanthemum*)

Mes-em-bri-an'-the-mum — Annual — White

Ground Cover, Rockeries, Dry Places

**MESEMBRYANTHEMUM CRYSTALLINUM, Ice Plant** — A valuable plant for dry, sunny places, on banks, in the rocky, etc. The foliage is fleshy and is covered with ice-like globules. The flowers are small and of pinkish white color. Height. 6 inches, trailing 2 to 3 feet.

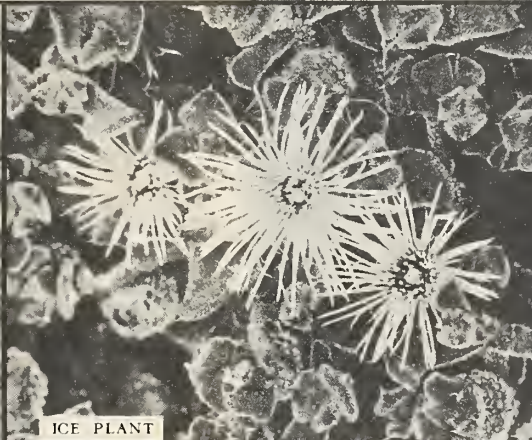
No. 1180—Packet, 10c; Quarter Ounce, 25c.



HYACINTH BEAN



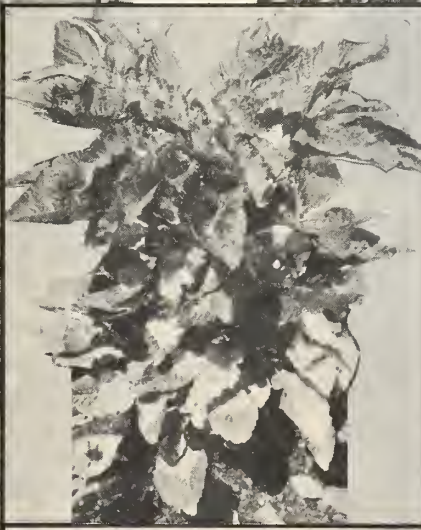
SINGLE ANNUAL HOLLYHOCKS



ICE PLANT



JACK AND THE BEANSTALK



JOSEPH'S COAT

## JACK AND THE BEANSTALK (*Kudzu*)

Kud'-zoo — Annual — Purple

Shade, Screen, Trellises, Etc.

**KUDZU, Jack and the Beanstalk**—Its proper botanical designation is *Pueraria Thunbergiana*. Under favorable conditions it is the most rapid-growing vine in cultivation. Perennial only in frostless areas. Pea-shaped purple flowers.

No. 1181—Packet, 10c; Quarter Ounce, 25c.

## JOSEPH'S COAT (*Amaranthus*)

Am-ar-anth'-us — Annual — Foliage Plant

Specimen Planting, Backgrounds, Etc.

**AMARANTHUS TRICOLOR SPLENDENS, Joseph's Coat** — An interesting plant, 3 feet tall, grown for its ornamental foliage, which is beautifully marked with rich scarlet, yellow and white. Requires a sunny location and soil that is not too rich.

No. 1172—Packet, 10c; Half Ounce, 25c.

Don't fail to include at least a few of the latest Novelties in your garden this year, see pages 3 to 7.

Novelties are new varieties or outstanding improvements on old ones. We list only those any average person can grow.



LOVE LIES BLEEDING



LARKSPUR LOS ANGELES

LADY SLIPPER



LANTANA



LOBELIA

### LARKSPUR (Delphinium)

Del-fin'i-um — Annual — Mixed Colors  
Cutting, Massing, Mixed Borders

**DELPHINIUM AJACIS ELATIOR, Larkspur Tall Double Stock Flowered** — Splendid free-flowering plants that have undergone vast improvement in the last few years. The blossoms are larger, double, stock-flowered and set more closely on the spikes. Plants branching 3 to 4 feet tall.

No. 208—Packet, 5c; Half Ounce, 25c.

**LARKSPUR LOS ANGELES**—A brilliant and pleasing rose color with a cast of salmon. The individual florets are very large, double and full. The best of the new Delphinium type Larkspurs. Plants very erect, 4 to 5 feet tall.

No. 1297—Packet, 15c; Eighth Ounce, 35c.

### LADY SLIPPER (Impatiens)

Im-pay'shi-ens — Annual — Mixed Colors  
Specimen and Marginal Plantings, Mixed Beds

**IMPATIENS BALSAMINA, Camelia Flowered Lady Slipper**—An old favorite among garden flowers. Grows 20 inches tall and produces double flowers in the axils of the leaves. Easy to grow to perfection if given room and plenty of moisture at bloomtime.

No. 141—Packet, 5c; Ounce, 25c.

### LANTANA (Hybrids)

Lan-ta'na — Perennial — Mixed  
Massing, Cutting, Mixed Borders

**LANTANA HYBRIDA**—A bushy or shrub-like plant bearing Verbena-like flowers in several interesting colors. Blossoms change color as they bloom, are quite fragrant and followed by green berries.

No. 1142—Packet, 10c; Quarter Ounce, 40c.

### LOBELIA (Trailing)

Loh-bee'li-a — Annual — Blue  
Hanging Baskets, Porch Boxes, Etc.

**LOBELIA ERINUS PENDULA, Hamburgia, Blue**—A beautiful trailing sort with sky-blue white-eyed flowers. Strong-growing with continuous blooming habit that makes it ideally suited for window boxes.

No. 304—Pkt., 10c; 1/16 Oz., 30c.

### LOBELIA (Dwarf)

Loh-bee'li-a — Annual — Blue  
Edging, Massing, Specimen Planting

**LOBELIA ERINUS COMPACTA, Emperor William**—These charming little plants, 4 to 6 inches tall, form compact bushes and are literally covered with small, bright blue white-eyed flowers. Fine for edging; also nice for pot culture.

No. 195—Packet, 10c; Eighth Ounce, 35c.

### LOVE LIES BLEEDING (Amaranthus)

Am-ar-anth'us — Annual — Mixed  
Specimen Planting, Color Masses, Etc.

**AMARANTHUS CAUDATUS, Love Lies Bleeding**—Plants reach a height of 3 feet and produce long, drooping red flowers resembling chenille and presenting an odd and interesting appearance. They grow best in hot places, where the soil is not rich.

No. 1173—Packet, 10c; Ounce, 20c.

Vetches should be grown more as a soil improvement crop. Plant in fall, plow under in spring, then plant regular crop.



MATRICARIA

## MARIGOLD (*Tagetes*)

Tah-gee'-teez — Annual — Mixed Colors

*Massing, Cutting, Edging*

**TAGETES ERECTA**, Marigold, Tall African—These old favorite, free-flowering plants are easy to grow and extremely effective. The blooms are very large, full double, and of orange and lemon coloring. Plants reach a height of 2 to 3 feet and bloom profusely.

No. 409—Packet, 10c; Half Ounce, 35c.

**TAGETES PATULA**, Marigold, Dwarf French—Few garden flowers are easier to grow or more effective. The colors are bright, interestingly marked and the flowers are held out boldly on strong stems. Plants are compact, quite dwarf (12 to 15 inches), well proportioned and bloom with great abandon.

No. 146—Packet, 5c; Half Ounce, 30c.

For the New Marigold, Guinea Gold, See Page 4.

## LUPIN (*Lupinus*)

Leu-py'-nus — Annual — Mixed Colors

*Cutting, Massing, Mixed Borders*

**LUPINUS HARTWEGI**—Their graceful spikes of rich and various colored pea-shaped flowers and glossy dark foliage certainly are attractive in the garden. Plants are two feet tall, prefer partial shade and well-limed soil.

No. 46—Packet, 10c; Ounce, 25c.

## MATRICARIA (*Feverfew*)

Mat-ri-ka'-ri-a — Perennial — Mixed Colors

*Mixed Borders, Massing, Cutting*

**MATRICARIA CAPENSIS** — The plants grow about 18 inches tall, make a bushy growth and the dark green foliage is very finely cut. The small, double flowers are very numerous and resemble Chrysanthemums.

No. 1217—Packet, 10c; Half Ounce, 40c.

### DWARF PLANTS FOR EDGING FLOWER BEDS

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### RAPID-GROWING VINES

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FRENCH MARIGOLDS



AFRICAN MARIGOLD



ANNUAL LUPIN

Keep Tobacco-Soap Spray and Maggotbate handy for immediate use. They are inexpensive, and timely use spells success.



MEXICAN FIREBUSH



MICHAELMAS DAISY



MIGNONETTE

### MEXICAN FIREBUSH (Kochia)

Kok'-ia — Annual — Foliage Plant

*Specimen Planting, Hedges, Backgrounds*

**KOCHIA TRICHOLPHILLA, Mexican Firebush**—A very quick-growing and immensely popular ornamental plant. Known also as Summer Cypress. It has dense feathery foliage, which can be trimmed into interesting shapes. Bright green in summer, fire red in the fall. 2 to 3 feet tall. No. 1135—Packet, 5c; Ounce, 20c.

### MICHAELMAS DAISY (Aster)

As'-ter — Perennial — Mixed Colors

*Cutting, Specimen Clumps — Borders*

**ASTER ALPINUS, Michaelmas Daisy**—Charming, graceful, tall plants that become a blaze of glory in the autumn. The brightly colored blossoms are produced in masses and the plants remain in bloom a long time. No. 1298—Packet, 10c; 1/16 Ounce, 30c.

### MIGNONETTE (Reseda)

Re-see'-da — Annual — Red

*Fragrance, Cutting, Bedding*

**RESEDA ODORATA, Sweet Mignonette** — This pleasingly fragrant plant has always been a garden favorite. The Hyacinth-like flower spikes are thickly set with small red and gold florets. Grows 12 to 15 inches high, thrives best in cool temperature and is most fragrant on light soil. No. 139—Packet, 5c; Ounce, 25c.

### MONEY PLANT (Lunaria)

Leu-nair'-i-a — Biennial — Purple

*Grown for its Silver Dollar-like Seed Pods*

**LUNARIA BIENNIS, Money Plant**—A very interesting plant 2½ to 3 feet tall, pyramidal in shape with beautiful purple flowers, which are followed by curious round, silvery seed pods that resemble money. No. 1299—Packet, 10c; Half Ounce, 40c.

### MOON FLOWER (Ipomoea)

Ip-o-mee'-a — Annual — Rosy Lilac

*Shade, Screen, Covering Trellises, Etc.*

**IPOMOEA BONA NOX, Moonflower**—Attractive rapid-growing climbers producing a dense foliage and large trumpet-like flowers, which are poised on slender stems and open at sunset and close in the morning. Delightfully fragrant, grows 15 to 20 feet. No. 959—Packet, 10c; Ounce, 30c.

### MORNING GLORY (Ipomoea)

Ip-o-mee'-a — Annual — Mixed Colors

*Shade, Ground Cover, Arches, Trellises, Etc.*

**IPOMOEA IMPERIALIS, Japanese Giant Morning Glory** — Without doubt the most attractive of all Morning Glories. Makes a growth of 10 to 15 feet, has pleasing foliage and very large, brightly colored flowers in many interesting color combinations. Likes a sunny situation. No. 600—Packet, 5c; Ounce, 20c.



MONEY PLANT



MOONFLOWER



MORNING GLORY

As a forage crop, Field Corn is one of the best. It should be grown on rich land; even there it pays to fertilize. Morcrop.





NEMESIA



NEMOPHILA



NIGELLA

## NASTURTIUM (*Tropaeolum*)

Tro-pee'-o-lum — Annual — Mixed Colors  
Edging, Bedding, Cutting, Climbers

**TROPAEOLUM NANUM, Dwarf Nasturtium** — Among our most popular garden flowers. Easy to grow, free-flowering, continuous blooming, brilliantly colored. What more could one ask? Give them a sunny position, moderately rich soil and good drainage and you will get an endless profusion of gorgeous blossoms. Plants 1 foot tall. No. 87—Packet, 5c; Ounce 15c; Quarter Lb., 50c; Lb., \$1.50.

**TROPAEOLUM LOBBIANUM, Tall Nasturtium**—May be used to cover unsightly places and trail over the rough ground. Selected for vigor of growth and large, bright-colored blooms. 6 to 10 feet. No. 262—Packet, 5c; Ounce, 15c; Quarter Lb., 50c; Lb., \$1.50.

**DOUBLE NASTURTIUM, Golden Gleam**—A new departure in Nasturtiums. Double flowers borne on long, stiff stems, having a sweet fragrance and a beautiful golden yellow color. The plants make a vigorous bush form, with some tendency to run. The extra large flowers are carried well above the foliage and the petals are more or less ruffled. Winner of a Gold Medal in the 1933 "All American" selections. No. 1300—Packet, 10c; Ounce, 35c.

## NASTURTIUM COLLECTIONS

We offer two Special Collections of extra fine especially selected Nasturtiums. Each made up of eight very colorful varieties; bright scarlet, sunflower yellow, deep crimson, terra-cotta, golden, purplish crimson, rosy scarlet, and blended especially for this offering.

**The AZTEC NASTURTIUM COLLECTION**—Tall or trailing sorts. Price, 50c.

**The NAVAJO NASTURTIUM COLLECTION** — Dwarf or bedding sorts. Price, 50c.

The varieties in these collections cannot be supplied separately.



A SINGLE PLANT OF DWARF NASTURTIUM



GOLDEN GLEAM,  
DOUBLE NASTURTIUM

## NEMESIA

Ne-mee'-sia — Annual — Mixed Colors  
Massing, Edging, Cutting

**NEMESIA STRUMOSA GRANDIFLORA** — Plants reach the height of 1 foot and bloom continuously over a long period. The blossoms, which are much like individual Snapdragons, are gorgeously colored and come in many oriental shades and combinations, with unusual markings. No. 1218—Packet, 10c; 1/16 Ounce, 30c.

## NEMOPHILA (Baby Eyes)

Ne-mof'-il-a — Annual — Mixed Colors  
Edging, Floral Carpet Under Tall Plants

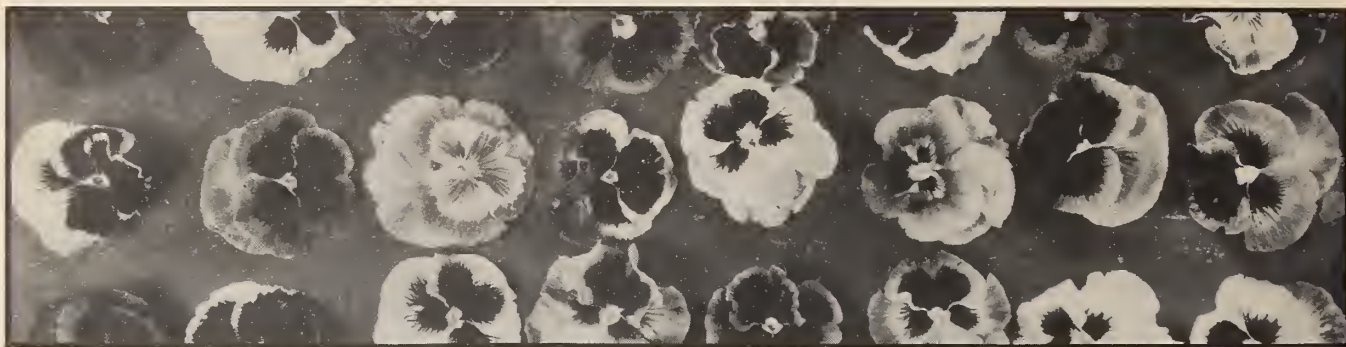
**NEMOPHILA INSIGNIS**—One of the loveliest and most effective of our dwarf plants, 8 inches tall. Lacey, spreading pale green foliage with innocent pale blue and white flowers. Likes partial shade and moist soil. No. 1145—Packet, 10c; Ounce, 25c.

## NIGELLA (Love in a Mist)

Ny-gel'-la — Annual — Mixed Colors  
Bedding, Specimen Planting, Seed Pods

**NIGELLA DAMASCENA** — An old-fashioned garden favorite. Compact in growth, free-flowering with finely cut fern-like foliage and curious flowers nestled among a feathery fringe and followed by equally curious seed pods. No. 248—Packet, 10c; Ounce, 25c.

A healthy lawn should make enough growth to require cutting every 5 to 7 days; less growth indicates need of fertilizer.



STEELE'S OREGON MASTODON PANSIES, EACH BLOOM MEASURED OVER FOUR INCHES ACROSS, FIELD GROWN



A LILLY'S COLOSSAL PANSY, ACTUAL SIZE



Above: Perennial Pea  
Left: Phlox Drummondii

## PANSY (*Viola Tricolor*)

Vy'o-la — Perennial — Mixed Colors

*Bedding, Cutting, Edging*

**PANSY, Lilly's Colossal Mixed** — A splendid type of immense size and most gorgeous effects. The blooms are blotched, marbled, veined and blended with striking and unusual colors. The plants bloom profusely as long as the weather is favorable. No. 930—Packet, 10c; Eighth Ounce, 65c.

**PANSY, Giant French Mixed**—This extra fine strain includes a full range of colors almost impossible of description. The flowers are large, well formed with thick, nicely waved petals, carried on particularly strong stems. They are mostly 3 and 5 blotched, delicately veined with rich coloring. No. 90—Packet, 10c; Eighth Ounce, 30c.

**PANSY, Fine English Mixed**—In this mixture we strive to give you a great diversity of color and profuse blooming habit, rather than giant size. For bedding purposes you will be immensely pleased with the effect you can secure with this mixture. No. 89—Packet, 5c; Quarter Ounce, 40c.

## PANSY COLLECTION

*Steele's Oregon Mastodons*

This collection comprises, we believe, the world's finest commercial Pansies. Even field-grown specimens measure as much as four inches in diameter. Their range of colors is complete, the markings vivid and exquisite. Mr. Steele, the originator, spent almost 40 years bringing this strain to its present perfection. STEELE'S MASTODON PANSY COLLECTION. Price, 50c.

## PERENNIAL PEAS (*Lathyrus*)

Lath'i-ri-us — Perennial — Mixed Colors

*Screen, Ground Cover, Cutting*

**LATHYRUS LATIFOLIUS, Perennial Peas** — One of our most ornamental climbing vines, the flowers of which are produced in great clusters on long, strong stems. The plants climb to a height of 8 feet, but are also adapted for covering rocks and rough places. No. 1301—Packet, 10c; Ounce, 40c.

## PHLOX

Flox — Various — Mixed Colors

*Beds, Mixed Borders, Cutting, Massing*

**PHLOX DRUMMONDI GRANDIFLORA**—Annual. Few flowers produce such a continuous supply of attractive, bright blooms in such a wonderful range of colors. The rainbow colors are certainly well represented in this flower, with all possible variations of veins and contrasting eyes. 12 to 15 inches tall. No. 919—Packet, 5c; Quarter Ounce, 40c.

**PHLOX DRUMMONDI CUSPIDATA, Star Phlox** — Annual. All the Phlox colors are represented in this variety and are coupled with quaint and unusual flower formations. Some are deeply fringed, others star-shaped, all with fantastic markings. Very unusual and interesting. No. 1220—Packet, 10c; Quarter Ounce, 40c.

**PHLOX PERENNIS DECUSSATA**—Perennial. One of the most useful flowers for summer decoration. They come in a wide variety of colors and are not too particular about soil or location, but like lots of water at bloomtime. Seeds germinate slowly and should be kept very wet until the sprouts appear. 2 to 3 feet tall. No. 1133—Packet, 10c; 1/16 Ounce, 30c.

Beans should be picked and eaten or canned when young, about two-thirds grown. Fresh from garden, they're delicious.



SINGLE PETUNIA



LARGE FLOWERING DOUBLE

## PETUNIA

Pe-teu'-ni-a — Annual — Mixed Colors  
Beds, Masses, Cutting, Window Boxes

**PETUNIA HYBRIDA, Single Mixed**—A choice strain in a wide range of colors and beautiful contrasting combinations. They are particularly free-blooming and make a gorgeous show throughout the summer and fall. Especially fine for beds and masses.  
No. 61—Packet, 5c; Quarter Ounce, 30c.

**PETUNIA HYBRIDA, Rose of Heaven**—Unusually distinctive in appearance, excelling all other rose-colored varieties in brilliance and purity of color, which is a deep, rich carmine-rose. Fine for massing, because of its showy, free-flowering, compact, erect growth.

No. 1219—Packet, 15c; Eighth Ounce, 60c.

**PETUNIA HYBRIDA, Rosy Morn** — A rosy-pink flower with a white throat. Very popular for window boxes and hanging baskets. Blooms freely for many weeks, makes a compact growth and is sometimes catalogued as Pink Mound.

No. 1303—Packet, 15c; Eighth Ounce, 60c.

**PETUNIA HYBRIDA, Elks Pride** — A large, free-flowering single sort with plain edge. The color is an intense Elks purple and is a favorite with that lodge for decorations. A very satisfactory bedding sort, especially when contrasted with brighter colors.

No. 1302—Packet, 25c; 1/32 Ounce, \$2.40.

**PETUNIA HYBRIDA GRANDIFLORA, Large Flowering, Double Mixed**—An excellent hand-pollinated strain, comprising many beautiful colors and markings. The extremely large blossoms are fully double, the petals being fringed at the edges and decidedly waved. While the seed is carefully hand-picked only from double flowering plants, there always are a few that throw single flowers.

No. 1149—Packet, 25c; 1/32 Ounce, \$5.50.

**PETUNIA HYBRIDA GRANDIFLORA FIMBRIATA, Giants of California**—Famous for their immense size and considered by many the prettiest single-flowered variety in existence. The colors are rich and sharply contrasted. The edges of the petals are exquisitely ruffled, fringed and notched and the petals themselves are curiously veined and penciled. Blooms often; measures 5 inches in diameter.

No. 1148—Packet, 25c; 1/16 Ounce, \$4.25.

## PINKS (Dianthus)

Dy-anth'-us — Various — Mixed Colors  
Cutting, Fragrance, Edging, Bedding

**DIANTHUS HEDDEWIGII, Single Pinks**—Annual. Old-fashioned garden favorites for edgings around beds and along walks. They are quick to come from seed, are profuse in bloom and make a wonderful show. Blooms are 2½ inches across, with beautiful lacinated edges.

No. 288—Packet, 5c; Ounce, 40c.

**DIANTHUS CHINENSIS, Double Pinks**—Perennial. Great favorites with gardeners who appreciate continuous bloom from midsummer until frost. The flowers are very large and double and the edges of the petals are exquisitely fringed and lacinated, the stems are long and sturdy.

No. 1150—Packet, 10c; Half Ounce, 40c.



ROSE OF HEAVEN



GIANT OF CALIFORNIA



SINGLE PINKS

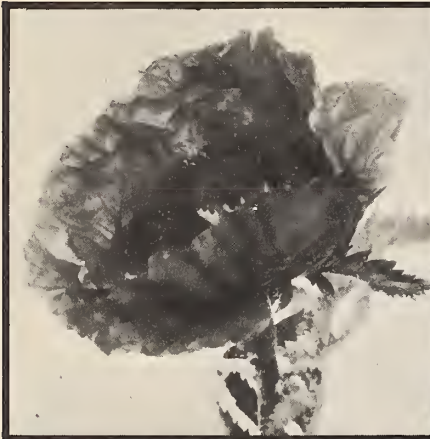


DOUBLE CHINESE PINKS

Root crops require a cool season and deep, rich soil. They are best grown in rows and usually not transplanted. Morcrop.



HYBRID CALIFORNIA POPPY ESCHSCHOLTZIA



ORIENTAL POPPY



DOUBLE SHIRLEY



Left: ICELAND POPPY  
Right: PORTULACA  
Bottom: PRIMROSE



POPPY (Continued)

**PAPAVER RHOEAS, Shirley Poppy, American Legion** — Annual. Scarlet. The much loved flower of Flanders in an improved and larger form. Blooms are bright scarlet-red.

No. 1221—Packet, 10c; Ounce, 35c.

**PAPAVER RHOEAS, Shirley Poppy Mixed**—Annual. Both single and double varieties in a full range of Poppy colors are to be found in this mixture. Fine for color masses and brightening up waste places.

No. 314—Packet, 5c; Ounce, 30c.

**PORTULACA (Rose Moss)**

Por-tu-lak'-a — Various — Mixed Colors  
Ground Cover, Rockeries, Dry Places

**PORTULACA GRANDIFLORA, Single**—Easily grown and very effective. They like light soil and a sunny position. Low-growing fleshy-leaved creeping plants that bloom profusely in many exceptionally bright colors.

No. 69—Packet, 10c; Quarter Ounce, 25c.

**PORTULACA GRANDIFLORA, Double**—The flowers are so densely double as to appear like small roses.

No. 70—Packet, 10c; 1/16 Ounce, 25c.

**PRIMROSE (Primula)**

Prim'-eu-la — Perennial — Mixed Colors  
Rockeries, Perennial Borders, Edging

**PRIMULA VERIS, Polyanthus Primrose**—The bunch flowering hardy Primulas have been greatly improved in size and now come in a much wider color range. 10 to 12 inches high; slow to start from seed.

No. 75—Packet, 10c; 1/32 Ounce, 25c.

**POPPY (Eschscholtzia)**

E-skolt'-sia — Annual — Mixed Colors  
Naturalizing, Cutting, Bedding

**ESCHSCHOLTZIA HYBRIDA, California Poppy** — The Hybrid Eschscholtzias now come in a wonderful range of colors, all with a satiny texture that gives them real charm. Plants are 12 to 18 inches tall and bloom freely over a long period of time. Give them a sunny location.

No. 1089—Packet, 10c; Half Ounce, 35c.

**ESCHSCHOLTZIA AURANTIACA, True California Poppy** — Cup of Gold. The plants make a robust growth and bloom profusely. Flowers are golden orange-yellow. Native to and the State Flower of California.

No. 192—Packet, 5c; Ounce, 25c.

**POPPY (Papaver)**

Pa-pay'-ver — Various — Mixed Colors  
Bedding, Naturalizing, Mixed Borders

**PAPAVER NUDICAULE, Iceland Poppy**—Perennial. The plant is of neat habit, forming a tuft of bright green, fern-like foliage from which the leafless stems spring up all season, bearing tissue-like, cup-shaped, satiny flowers in many art shades. 12 to 15 inches.

No. 341—Packet, 10c; Eighth Ounce, 30c.

**PAPAVER ORIENTALE, Oriental Hybrid Poppy** — Perennial. For gorgeous coloring and boldness they have few rivals among the hardy plants. They produce a magnificent effect among shrubbery. Flower stems are from 2 to 3 feet tall.

No. 1013—Packet, 10c; 1/16 Ounce, 25c.



Lawn Morcrop fertilizer is made for lawns only. Makes and keeps grass green and sickens weeds. Apply lightly, but often.

## PYRETHRUM (Painted Daisy)

Py-ree'-thrum — Perennial — Mixed Colors

*Cutting, Mixed Borders, Massing*

**PYRETHRUM ROSEUM GRANDIFLORUM HYBRIDUM**—Attractive hardy plants with finely-cut fern-like foliage and daisy-like flowers in many bright and pleasing colors. 2 to 2½ feet tall. They bloom freely and the cut flowers last a long time.

No. 1187—Packet, 10c; Eighth Ounce, 30c.

## RED HOT POKER (Tritoma)

Tri-toh'-ma — Perennial — Mixed

*Mixed Borders, Specimen Planting, Etc.*

**TRITOMA HYBRIDA, Red Hot Poker**—Popularly known also as Torch Lily. The stems are 3½ to 4 feet tall and the colors run to salmon, coral, orange, red, etc. Very showy in beds and among shrubbery.

No. 1304—Packet, 10c; Eighth Ounce, 40c.

## RHODANTHE (Everlasting)

Ro-dan'-thee — Annual — Mixed Colors

*Winter Bouquets, Edging, Beds*

**RHODANTHE MACULATA** — A very nice everlasting flower, the blooms of which are gracefully poised on long, slender stems. The flowers hang like little bells and make pleasing cut flowers for small basket arrangement. Like light soil and a sunny location.

No. 1138—Packet, 10c; Half Ounce, 30c.



PYRETHRUM



RED HOT POKER



SALVIA



RHODANTHE



SALPIGLOSSIS

### Flowers for Semi-Shade Annuals

Bachelor Button	Page 46
Clarkia	" 50
Godetia	" 54
Lady Slipper	" 56
Lupins	" 57
Mignonette	" 58

### Perennials

Columbine	Page 50
Forget-Me-Not	" 52
Geum	" 53
Pansy	" 60
Sweet William	" 69
Viola	" 69

## SALPIGLOSSIS (Painted Tongue)

Sal-pi-glos'-sis — Annual — Mixed

*Cutting, Mixed Borders, Beds*

**SALPIGLOSSIS VARIABILIS SUPERBISSIMA** — Without doubt one of the most attractive annuals. Few flowers contribute such a wealth of bloom or such unusual coloring. Should be grown in every garden. 2 to 2½ feet tall, stems are branched and the blooms quite large.

No. 406—Packet, 5c; Quarter Ounce, 35c.

**SALPIGLOSSIS, Gloxina Flowered**—A special selection of the new hybrids. Flowers are extra large and deeply veined in the contrasting colors, each showing some gold or silver in the veins. Plants are 3 feet tall, vigorous and free-blooming. Nice in beds or with shrubbery as a background. Especially pleasing if planted alternately with tall Zinnias or other stiff-stemmed plants.

No. 1305—Packet, 15c; Eighth Ounce, 30c.

## SALVIA (Scarlet Sage)

Sal'-vi-a — Perennial — Scarlet

*Massing, Mixed Beds, Cutting*

**SALVIA SPLENDENS, Early Flowering** — For intense scarlet-red coloring, this beats them all. A plant of the sage order with large, light green leaves topped with long flower spikes. Blooms during the late summer and fall. 3 feet high.

No. 920—Packet, 10c; Eighth Ounce, 40c.

Prevent Root Maggots from spoiling your radishes, onions and cabbage by dusting with Maggotbate at planting time.



SCABIOSA, TALL DOUBLE



SCARLET  
RUNNER



SCARLET FLAX

### SCABIOSA (Mourning Bride)

Ska·bi-oh'sa — Annual — Mixed Colors

*Cutting, Beds, Mixed Borders*

**SCABIOSA GRANDIFLORA, Tall Double** — Pretty and interesting flowers in soft, pleasing colors. Commonly known as Pincushion flowers, because of the projecting pistils. Curious seed pods follow the blooms. Long, strong stems. Plants are 3 feet high.

No. 1134—Packet, 5c; Half Ounce, 30c.

### SCARLET FLAX (Linum)

Ly'num — Annual — Scarlet

*Color Masses, Marginal Planting*

**LINUM GRANDIFLORUM RUBRUM, Scarlet Flax**—One of our most brilliantly colored summer flowers, making a splendid subject for massing. 18 inches tall, fine foliage, slender, graceful stems; glossy scarlet-red flowers, borne continuously and in great profusion.

No. 1143—Packet, 10c; Ounce, 25c.

### SCARLET RUNNER (Phaseolus)

Fa-see'o-lus — Annual — Scarlet

*Shade, Arbors, Trellises, Food*

**PHASEOLUS MULTIFLORUS, Scarlet Runner Bean**—A rapid-growing climber, bearing large sprays of brilliant scarlet pea-like blooms. Popular both for ornamental and culinary uses, the pods that follow produce fine, green shell beans. 10 to 12 feet.

No. 2001—Packet, 5c; Half Pound, 25c; Pound, 45c.

### SCHIZANTHUS (Butterfly Flower)

Skiz-an'thus — Annual — Mixed Colors

*Bedding, Cutting, Pot Plants*

**SCHIZANTHUS HYBRIDUS GRANDIFLORUS** — One of the daintiest, airiest flowers imaginable. The foliage is lacy and the bright, fascinating flowers in a bewildering range of colors practically hide the plant during the bloom period. 12 to 18 inches tall.

No. 1152—Packet, 10c; Quarter Ounce, 25c.

### SHASTA DAISY (Chrysanthemum)

Kris-an'the-mum — Perennial — White

*Cutting, Borders, Specimen Planting*

**CHRYSANTHEMUM LEUCANTHEMUM HYBRIDUM MAXIMUM, Shasta Daisy** — Fine, hardy border plants. 3 feet high, producing a profusion of immense white blooms with bold, yellow centers. The flowers are long-stemmed and keep well as cut flowers.

No. 1004—Packet, 10c; Quarter Ounce, 35c.

#### PAGE 64 ASSORTMENT

A packet of Scabiosa, Scarlet Flax, Scarlet Runner and Schizanthus; total 30c value, for 25c.



SCHIZANTHUS HYBRIDA



SHASTA DAISY

Give your pet canary a treat, feed him Lilly's Bird Seed; see page 29. Only very best ingredients used in their mixtures.



SNOW ON THE MOUNTAIN



SIBERIAN WALLFLOWER

Left: TEN WEEKS  
DOUBLE STOCKS

**SIBERIAN WALLFLOWER (Cheiranthus)**

Ky-ran-th'us — Perennial — Orange

Color Masses, Edging, Cutting

**CHEIRANTHUS ALLIONI, Siberian Wallflower** — A charming plant for masses and rock gardens. Produces a profusion of Hyacinth-like spikes of dazzling fiery orange flowers. Best grown as a biennial, because it usually blooms itself to death. 12 to 16 inches tall.

No. 1306—Packet, 10c; Ounce, 35c.

**SNAPDRAGON (Antirrhinum)**

An-tir-ry'-num — Perennial — Mixed

Borders, Beds, Cutting, Edging

**ANTIRRHINUM NANUM GRANDIFLORUM, Bedding Snapdragon** — Well adapted for beds and borders, and the flower-spikes are long enough for cutting. The flowers are large, fragrant and of gorgeous coloring. Plants are 12 inches or more tall and bloom profusely.

No. 104—Packet, 5c; Quarter Ounce, 30c.

**ANTIRRHINUM MAJUS GRANDIFLORUM, Tall Snapdragon** — The long, showy spikes of curiously formed flowers are brilliantly colored and especially fine for cutting. Plants reach a height of 2 to 2½ feet, have dark green glossy foliage and thrive best in rich, moist soil. Give them plenty of room.

No. 4—Packet, 10c; Quarter Ounce, 25c.



LARGE FLOWERING  
DWARF STOCKS

**SNOW ON THE MOUNTAIN (Euphorbia)**

Eu-for'-bi-a — Annual — White

White Masses, Ornamental Foliage

**EUPHORBIA VARIEGATA, Snow on the Mountain**—A remarkably distinct plant, the dark green foliage is margined with white and the small flowers are also white, which conveys the impression of snow on the mountain-side when seen from a distance. 2 feet tall.

No. 1126—Packet, 10c; Ounce, 35c.

**STATICE (Thrift)**

Stat'-i-see — Perennial — Mixed

Winter Bouquets, Cutting

**STATICE LATIFOLIA**—A splendid, hardy plant two feet tall, for the border and rockery. The florets are small, but are borne in profusion on long panicles during the summer. Grown principally for drying as winter bouquets.

No. 1139—Packet, 10c; Eighth Ounce, 35c.



TALL SNAPDRAGONS

STATICE

**STOCKS (Matthiola)**

Mat-thy'-o-la — Annual — Mixed Colors

Beds, Cutting, Marginal Planting

**MATTHIOLA INCANA ANNUA, Ten Weeks Stocks** — The plants have a nice habit of growth, reach a height of 18 inches, have dull green foliage and bear rosette-like double flowers of exceeding fragrance, thickly set on long stalks. A fine range of soft, pleasing colors.

No. 84—Packet, 10c; Eighth Ounce, 30c.

**DWARF LARGE FLOWERING, Ten Weeks Stocks** — A recently developed strain in which the plants are more dwarf and rugged, but the blooms larger and the bloom-spikes longer than on the older types.

No. 1307—Packet, 15c; Eighth Ounce, 50c.

For hanging baskets use Abronia, Ageratum, Browallia, Ice Plant, Lantana, Lobelia, Nasturtium, Petunia, Portulaca, etc.

# SWEET PEAS

## ORCHID FLOWERING GIANT SPENCER

Sweet Peas, botanically known as *LATHYRUS ODORATUS*, are hardy annuals in a full range of colors and are grown principally for cut-flowers, fragrance and floral screens or backgrounds. Burpee's Sweet Peas are world-famous. They are grown in California where soil and weather conditions combine to produce well-ripened, full-of-vitality seeds that will produce a magnificent display of flowers. We list here only those varieties which Burpee classes as particularly fine. Here are the Giant Spencer or Orchid-flowering type, sometimes called summer blooming. We recommend late fall and early spring planting for a prolonged flowering season.

### White

No. 1324—**GIANT WHITE** — We consider this the best black-seeded white variety. Of graceful form and pure color.

Packet, 10c; Ounce, 30c.

No. 1041—**KING WHITE IMPROVED** — This is the most remarkable for its glistening purity and perfect finish. Blooms profusely and always carries four flowers to a spray.

Packet, 5c; Ounce, 25c.

### Cream

No. 1227—**FLORADALE FAIRY**—The long-stemmed sprays carry four blooms each. A fine old ivory tint. Packet, 10c; Ounce, 30c.

### Light Pink

No. 1329—**SUPREME** — This ranks as one of the finest, clear pinks. It is a soft, exquisite, delicate color. Packet, 10c; Ounce, 30c.

### Deep Pink

No. 1231—**PINKIE** — What a lovely Sweet Pea! A clean, clear, deep pink that defies description. The large, well-formed blooms are carried in fours. Packet, 10c; Ounce, 30c.

### Cream Pink

No. 1230—**MARY PICKFORD**—Dainty and charming sprays of bright, cream-pink blooms, suffused with salmon. Packet, 5c; Ounce, 25c.

No. 1328—**MISS CALIFORNIA**—An artistic tone of cream-pink with a hue of salmon. A wonderful combination. Pkt., 10c; Ounce, 30c.

### Salmon

No. 1194—**BARBARA** — Glistening pure salmon blooms of exquisite texture. The color is best if slightly shaded.

Packet, 10c; Ounce, 30c.

### Light Cerise

No. 1322—**ADORABLE**—A delightful shade of clear, light cerise on a cream ground, with just a suspicion of bronze in the standard.

Packet, 10c; Ounce, 30c.

### Scarlet Cerise

No. 1323—**FIRE**—The name suggests the burning color of this new, fine variety—scintillating, flaming scarlet-cerise-red.

Packet, 10c; Ounce, 30c.

### Orange Scarlet

No. 1327—**MAMMOTH**—A bunch of these brilliant orange-scarlet blooms makes a magnificent showing in daytime, as well as under artificial light.

Packet, 10c; Ounce, 30c.

### Orange

No. 1123—**TANGERINE IMPROVED**—The name refers to the vivid, rich tangerine-orange color of the large and well-formed blooms. It is a most popular variety.

Packet, 5c; Ounce, 25c.

### Scarlet

No. 1326—**HUNTSMAN**—A bright shade of scarlet, really a wonderful bit of color: perfectly sun-proof. Large and bold flowers artistically arranged in fours.

Packet, 10c; Ounce, 30c.

### Crimson

No. 1225—**CRIMSON KING**—In our opinion this is the finest of all true crimson-colored Sweet Peas.

Packet, 5c; Ounce, 25c.

### Mixed

No. 1007—**LILLY'S SPECIAL MIXED, THE BURPEE BLEND**

—This is a carefully composed blend of Sweet Peas, including all colors, which are represented in the right quantity to give a colorful and well-balanced display. It includes all the varieties offered by us and is unexcelled for garden display, besides yielding a great quantity of elegant, long-stemmed flower-sprays for cutting.

Packet, 5c; Ounce, 25c; ¼ Pound, 75c; Pound, \$2.25.



### Rose

No. 1189—**SUNSET** — Dark, rich rose with a distinct halo of luminous yellow toward the base of the standard.

Packet, 10c; Ounce, 30c.

### Lavender

No. 1232—**POWERSCOURT** — Many gardeners' choice as the best of pure lavender of medium color intensity.

Packet, 5c; Ounce, 25c.

No. 1276—**WEMBLEY** — This distinguishes itself from other lavenders by its silvery plumbago-blue sheen.

Packet, 10c; Ounce, 30c.

### Light Blue

No. 1325—**GLEN EAGLES** — Beautiful light silvery blue flowers arranged in fours on a fine, long and strong stem.

Packet, 10c; Ounce, 30c.

### Blue

No. 1228—**FORDHOOK BLUE** — A charming, rich azure or light violet-blue color. It has color, size, and vigor.

Packet, 5c; Ounce, 25c.

### Picotee

No. 1330—**YOUTH** — This outstanding variety shows a beautiful pink picotee edge on a pure, white ground.

Packet, 10c; Ounce, 30c.

Ground Peas is one of the best sources of humus for the garden. It is free of weeds and has an immense moisture capacity.



# SWEET PEAS

## NEW EARLY FLOWERING VARIETIES

These splendid Sweet Peas are valuable to florists for greenhouse culture and are also adaptable to outdoor planting in warm climates. They do well in many sections where the summer-flowering varieties cannot be grown successfully. In cool climates they are of value because they bloom a week or 10 days earlier.

### Mixed

No. 1279—**SUNRISE MIXTURE** — A complete blend of all colors.

Packet, 10c; Half Ounce, 25c; Ounce, 40c;  
Quarter Pound, \$1.20; Pound, \$3.75.

### White

No. 1270—**SNOWSTORM IMPROVED** — Extra-large, well-rounded and beautifully formed blooms of a lovely pure, waxy white color. Of strong growth. It is white-seeded.

Packet, 10c; Ounce, 50c.

### Cream

No. 1268—**CANARY BIRD**—Lovely, showy, large, deep-cream or Primrose-colored flowers arranged in fours on long stems.

Packet, 10c; Ounce, 50c.

### Light Pink

No. 1318—**PEACH BLOSSOM**—Soft, Amaranth-pink flowers, showing a deeper shading of pink toward the edges. Very large blooms of graceful habit and lovely texture.

Packet, 10c; Ounce, 50c.

### Cream Pink

No. 1320—**SPRING SONG**—Elegantly waved and frilled blooms of a charming rich, cream-pink color. Always long-stemmed.

Packet, 10c; Ounce, 50c.

### Salmon Pink

No. 1319—**FLAMINGO** — This makes an attractive and fascinating bunch. The standard is light orange, suffused with bright salmon. The wings are rich orange-pink. A gorgeous flower of large size and splendid form.

Packet, 10c; Ounce, 50c.

### Orange

No. 1317—**BURPEE'S ORANGE** — A clear, pure orange self. It is most outstanding in every way.

Packet, 10c; Ounce, 50c.

### Rose

No. 1321—**CHEVALIER** — Whether seen in daylight or under artificial illumination, Chevalier is bound to attract favorable attention on account of its pure rose color.

Packet, 10c; Ounce, 50c.

### Cerise

No. 1314—**ILLUMINATION** — Glowing salmon-cerise blooms with a suffusion of bright orange. A wonderful, appealing color. Long-stemmed sprays with four artistic flowers.

Packet, 10c; Ounce, 50c.

### Crimson

No. 1315—**RED BIRD** — Bright crimson-red flowers with a lovely sheen of tyrian-rose in the high-lights. Very charming. Appeals to the lover of rich shades.

Packet, 10c; Ounce, 50c.

### Lavender

No. 1316—**PRINCESS** — A lovely shade of soft lavender with an elusive sheen of mauve. Large and well waved.

Packet, 10c; Ounce, 50c.

### Blue

No. 1313—**BLUE BIRD** — This magnificent color is always greatly admired for its richness and purity.

Packet, 10c; Ounce, 50c.



DAINTY AND FRAGRANT, YET COLORFUL

## SWEET PEA COLLECTIONS

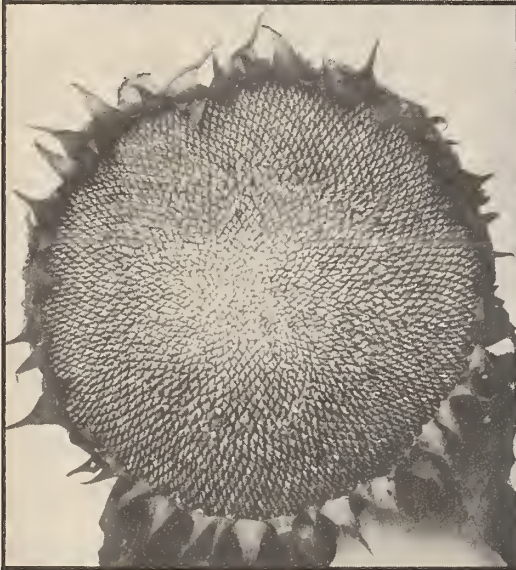
**JULY'S EARLY FLOWERING COLLECTION** — Seven packets are grouped together at a special price. One packet each. PEACH BLOSSOM soft pink, CANARY BIRD deep cream, FLAMINGO orange salmon, SNOWSTORM IMPROVED pure white, PRINCESS soft lavender, SPRING SONG cream pink, RED BIRD bright crimson. Price, 50c.

**JULY'S ORCHID FLOWERING SPENCER COLLECTION** — In this group are seven extra fine varieties. A packet of each: MISS CALIFORNIA cream pink, GLEN EAGLES light blue, SUPREME clear pink, HUNTSMAN bright scarlet, GIANT WHITE pure white, WEMBLEY true lavender, YOUTH white picoteed with pink edge. Price, 50c.

You can avoid disappointment by placing orders for seeds early. This year many seeds will be sold out early. Order now.



STRAWFLOWER



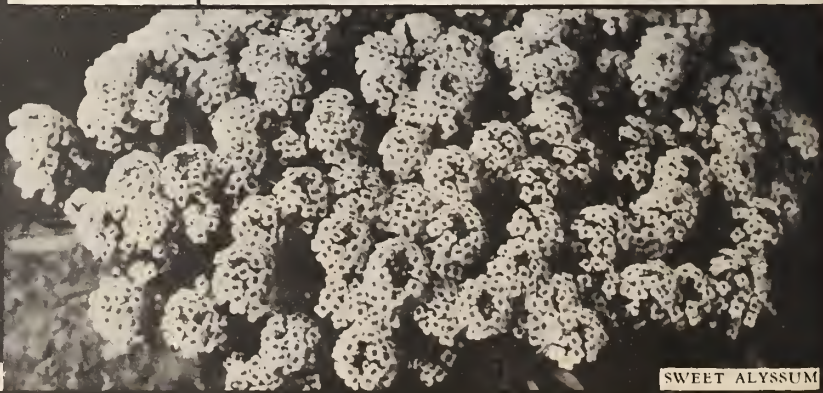
MAMMOTH RUSSIAN SUNFLOWER



SWEET ALYSSUM



SWEET SULTAN



SWEET ALYSSUM

## STRAWFLOWER (*Helichrysum*)

*Hel-i-kris'-um* — Annual — Mixed Colors

*Winter Bouquets, Beds, Borders*

**HELICHRYSUM MONSTROSUM, Strawflower**—The most popular flower for drying and a very satisfactory garden plant. Blooms come in a wide range of pleasing colors, are densely double and have very stiff and straw-like petals. Plants branch freely and reach a height of 4 feet.

No. 1116—Packet, 5c; Half Ounce, 35c.

## SUNFLOWER (*Helianthus*)

*Hee-li-an'-thus* — Annual — Yellow

*Backgrounds, Screen, Seed Heads*

**HELIANTHUS, Mammoth Russian, Sunflower** — Tall, robust plants with large leaves and immense flower heads. Grow 6 to 8 feet tall and the seed-heads often measure a foot or more in diameter.

No. 2002—Packet, 5c; Pound, 25c.

## SWEET ALYSSUM

*Al-is'-um* — Annual — White

*Edging, Beds, Floral Carpet*

**ALYSSUM COMPACTUM ERECTUM, Little Gem** — (*Sweet Alyssum*). A gem for edging beds and for floral carpet under tall plants. It forms a compact bush and covers itself completely with bloom for many weeks. Blooms in 7 weeks from seed, 5 to 6 inches high.

No. 1199—Packet, 5c; Ounce, 40c.

## SWEET LAVENDER (*Lavandula*)

*Lah-van'-deu-la* — Perennial — Lavender

*Fragrance, Drying, Cut Flowers*

**LAVANDULA VERA, Sweet Lavender**—Grown principally for its sweet-scented flower-heads, which are dried and used to impart a delicate fragrance to linens and clothing. Sometimes used as an herb in cookery. Plants are shrub-like, 2½ to 3 feet tall.

No. 2000—Packet, 10c; Ounce, 35c.

## SWEET SULTAN (*Centaurea*)

*Sen-tau-ree'-a* — Annual — Mixed Colors

*Cut Flowers, Massing, Fragrance*

**CENTAUREA IMPERIALIS, Sweet Sultan**—Plants grow 2½ to 3 feet tall and carry their flowers on long, strong stems. Flowers are very artistic, sweet-scented and colorful. They last a long time as cut-flowers.

No. 1016—Packet, 5c; Half Ounce, 40c.

## RAPID GROWING VINES

Canary Bird Vine — Cardinal Climber — Cup and Saucer Vine — Cypress Vine — Hyacinth Bean — Jack and the Beanstalk — Moon Flower — Morning Glory — Nasturtium (tall) — Scarlet Runner — Sweet Peas — Wild Cucumber.

Consult the Novelty pages 3 to 7 for the new things that you will want to try. They are fine. Be the first to have them.

## SWEET WILLIAM (*Dianthus*)

Dy-an'thus — Perennial — Mixed Colors

*Cutting, Massing, Mixed Borders*

**DIANTHUS BARBATUS, Single Sweet William** — Very decorative, colorful garden plants, that should be grown as biennials because they are best during their first bloom. Two feet tall, free-flowering and fragrant, they come in a wide range of colors and with well-contrasted markings.

No. 26—Packet, 10c; Ounce, 25c.

**DIANTHUS BARBATUS, Double Sweet William** — This sort produces fine, large heads of double flowers. The plants are robust and very prolific. The colors are extremely varied.

No. 27—Packet, 10c; Half Ounce, 35c.

## VERBENA

Vur-bee'na — Annual — Mixed Colors

*Cutting, Ground Cover, Beds, Fragrance*

**VERBENA HYBRIDA GRANDIFLORA** — Compact, spreading plants one foot tall, bearing very large trusses of brilliantly colored flowers. Many have sharply contrasted eyes and all have a sweet fragrance. Perennial in frostless areas.

No. 1154—Packet, 10c; Eighth Ounce, 30c.

## VIOLA (Tufted Pansies)

Vy'o-la — Perennial — Mixed Colors

*Rockeries, Edging, Cutting*

**VIOLA CORNUTA** — Beautiful Pansy-like plants that grow 10 to 12 inches high and bloom profusely all season. They come in a wide array of colors and markings and make ideal subjects for rock gardens and partly shaded places, as well as in full sun.

No. 1308—Packet, 10c; Eighth Ounce, 35c.

## VIOLET (*Viola Odorata*)

Vy'o-la — Perennial — Violet

*Beds, Edging, Cutting*

**VIOLA ODORATA, Large, Single Violet** — Unexcelled for floral carpet and in the moist, cool section of the rockery. Due to their delightful fragrance, beautiful color and dainty appearance they are prized as cut-flowers. Require rich, moist soil and do not object to partial shade.

No. 319—Packet, 10c; 1/16 Ounce, 30c.

### DWARF PLANTS FOR EDGING FLOWER BEDS

Ageratum	Page 44	Nasturtium (Dwarf)	Page 59
Brachycome	" 47	Nemesia	" 59
English Double Daisy	" 52	Nemophila	" 59
Forget-Me-Not	" 52	Pansy	" 60
Gomphrena	" 54	Sweet Alyssum	" 68
Lobelia	" 56	Viola	" 69
Marigold (French)	" 57	Virginian Stocks	" 70

Use Ground Peat for Improving Your Garden Soil



SWEET WILLIAM



VERBENA



VIOLA



VIOLETS MAKE A FINE FLORAL CARPET

The best quality vegetables are those that are properly fertilized. Morcrop is a result producer; use it freely on all crops.



VIRGINIAN STOCKS



SINGLE WALLFLOWER



WILD CUCUMBER

### VIRGINIAN STOCKS (*Malcomia*)

Mal-coh'-mi-a — Annual — Mixed Colors

*Edging, Beds, Cutting, Floral Carpet*

**MALCOMIA, Virginian Stocks** — A charming plant 10 inches tall. Comes into bloom quickly from seed and blooms incessantly for weeks. The colors are rose and white with lavender and pink veins; very bright and gay.

No. 1309—Packet, 10c; Ounce, 30c.

### WALLFLOWER (*Cheiranthus*)

Ky-ranth'-us — Perennial — Mixed

*Beds, Cutting, Fragrance*

**CHEIRANTHUS CHEIRI, Single Wallflower** — A delightfully fragrant flower that blooms early in the spring. Its oriental coloring in shades of yellow, orange, brown and red is very effective. Easily grown, last long as cut-flowers.

No. 99—Packet, 10c; Ounce, 40c.

### WILD CUCUMBER (*Echinocystis*)

E-ky-noh-sis'-tis — Annual — White

*Shade, Covering Arbors and Trellises*

**ECHINOCYSTIS LOBATA, Wild Cucumber** — This is one of our quickest growing vines, has bright green foliage and blooms profusely. The white flowers are soon followed by large, ornamental, spiny seed pods.

No. 995—Packet, 10c; Half Ounce, 30c.

### WILD FLOWER GARDEN

A delightful mixture of such annual flower seeds as will thrive and bloom profusely on vacant lots, by the roadside and in out-of-the-way places without very much care. You can beautify idle land and unsightly places with a little of this seed. Being hardy sorts, they usually volunteer new plants each season from self-sown seed.

No. 438—Packet, 5c; 1/2 Ounce, 15c; Ounce, 25c; 1/4 Pound, 75c; Pound, \$2.25.

### WISTARIA

Wis-tair'-i-a — Perennial — Mixed Colors

*Specimen Planting, Shade*

**WISTARIA SINENSIS**—The well-known hardy vine of luxuriant and rapid growth, bearing immense panicles of fragrant blue flowers in great profusion. An extremely graceful and showy climber.

No. 1183—Packet, 10c; Half Ounce, 40c.

### XERANTHEMUM (*Immortelle*)

Zer-an'-thee-mum — Annual — Mixed Colors

*Beds, Cutting, Winter Bouquets*

**XERANTHEMUM ANNUUM** — A charming, bright-colored Everlasting with silvery foliage and daisy-like straw-textured flowers. Blooms abundantly over a long period. The plants reach a height of about 2 feet.

No. 1140—Packet, 10c; Quarter Ounce, 25c.



WISTARIA VINE



XERANTHEMUM

If you're a bargain hunter look over the Collections offered on page 42 and Assortments scattered throughout the book.

# ZINNIAS

Zinnias are among the most popular annuals in the market today. They are suitable for florists' use, for home gardens and household decoration. Their easy culture and long-blooming season make them a profitable investment. Their varied forms and exquisite colors have brought them into prominence in flower shows both in the United States and other countries for the past ten years. They offer many lovely colors, and their various types meet every garden need for beds, borders, edging and cut-flowers. For the finest flowers plant them in a sunny location with good soil and plenty of water. No type of Zinnia has come into favor so rapidly as our improved strain of Lilliput.

## ZINNIA, ELEGANS LILLIPUT, Double Pompon, Mixed

—In recent years much time has been devoted to this type of Zinnia and they have been so improved that they are rapidly replacing all of the other dwarf bedding types. They are more bushy and flower more freely than the old types and are useful both for cutting and as edging plants or bedding in solid masses. The plants are of even height for bedding purposes and the small, button-like flowers are very double and are produced profusely from early summer until late in the fall. Mixed colors. This seed is grown by Bodger.

No. 1310—Packet, 10c; Eighth Ounce, 30c.

## ZINNIA ELEGANS, Double Giant Mixed

— A choice mixture of the finest and most brilliant colors, which range through varying shades of yellow, orange, pink, rose scarlet crimson and lavender. Double Giants are an improved strain of Zinnias, often measuring 6 inches in diameter. Glorious huge flowers in colors that will brighten any garden. They are so easily grown and make a brilliant display from midsummer until frost. The individual blooms are massive and well-formed. They are carried on strong stems and, therefore, are valued as much for cutting as for garden display. Suited for the mixed border and solid beds. This class of Zinnias, with extremely double flowers and wonderful range of brilliant colors, many of which are not found in any other flower, with long stems and good keeping qualities has done much

to popularize this old-fashioned flower. If grown in a sunny place, where the soil has been well fertilized and watered, the flowers will reach their highest state of perfection. Zinnias have no insect enemies, diseases or fungus troubles. Double Giants grow 3 feet tall and for use in places where one wishes a blaze of color for a long period of time, they have no equal. They lend themselves nicely to mixing with other tall flowers like Salpiglossis, Clarkia, Scabiosa, Larkspur, etc., which lend a touch that produces an especially charming effect.

No. 933—DOUBLE GIANT MIXED—Packet, 10c; ¼ Ounce, 40c.

No. 1155 — DOUBLE GIANT GOLDEN YELLOW — Pure golden in the bud, changing to rich orange when open.

No. 1156—DOUBLE GIANT LAVENDER— A fine, deep lavender, turning to a rich purple in full bloom.

No. 1157—DOUBLE GIANT PINK — An exquisite rose-pink illuminated with a silky sheen. You must grow this yourself to fully appreciate its beauty.

No. 1158—DOUBLE GIANT CRIMSON — Rich crimson in color and the largest and finest of the red shades.

No. 1182 — DOUBLE GIANT CANARY YELLOW — A wonderfully pleasing canary yellow with cerise tints on the under side.

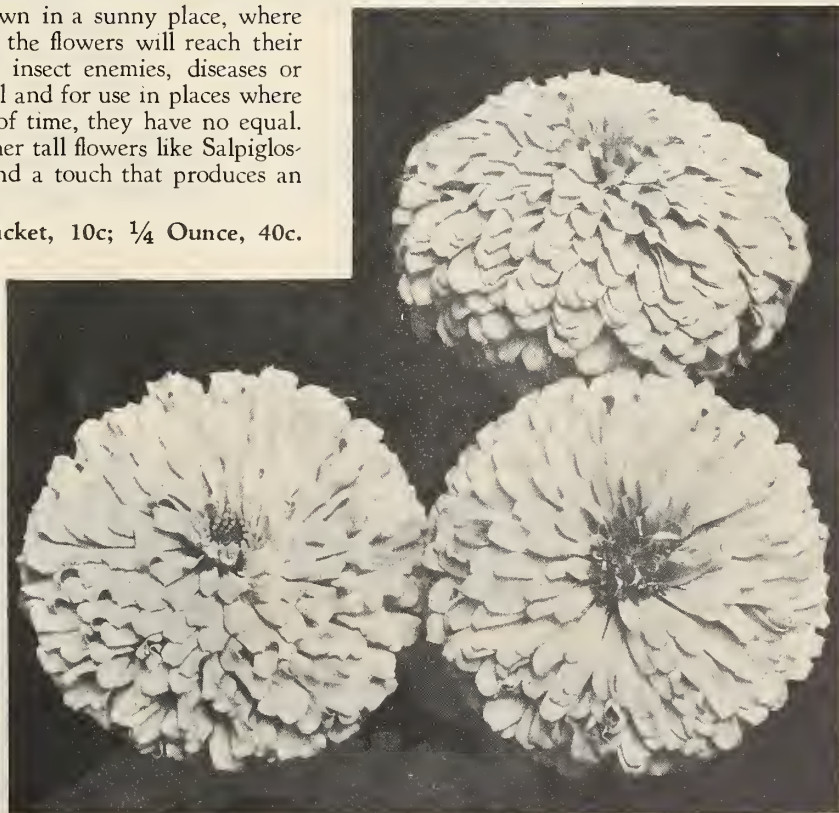
Price, Straight Colors—Packet, 10c;  
Eighth Ounce, 25c.

### DOUBLE GIANT ASSORTMENT

A 10c packet each of the above five straight colors for only 40c.



LILLIPUT or POMPON ZINNIAS



DOUBLE GIANT ZINNIAS

If you want unusual effects plant Castor Bean, Gomphrena, Mexican Firebush, Snow on the Mountain and Joseph's Coat.

# ZINNIAS



BODGER'S  
GOLD MEDAL  
DAHLIA FLOWERED  
ZINNIAS

Here are seven separate colors of Bodger's Gold Medal Strain of Dahlia Flowered Zinnias.

Packet, 15c; Eighth Ounce, 55c.

No. 1280—**DAHLIA FLOWERED GOLDEN DAWN** — A beautiful golden yellow of immense size.

No. 1281—**DAHLIA FLOWERED EXQUISITE** — The most pleasing deep rose with light rose center.

No. 1282—**DAHLIA FLOWERED CRIMSON MONARCH** — By far the largest and best of the red shades.

No. 1283—**DAHLIA FLOWERED PURPLE PRINCE** — A fine, deep Rhodanthe purple, very large.

No. 1284—**DAHLIA FLOWERED LEMON BEAUTY** — A pastel shade, lemon yellow on brown.

No. 1285—**DAHLIA FLOWERED POLAR BEAR** — A very large, pure white, of true Dahlia form.

No. 1286—**DAHLIA FLOWERED ORIOLE** — An orange and reddish gold bicolor of great beauty.

## GOLD MEDAL COLLECTION

Bodger's Dahlia Flowered Zinnias

We had Bodger grow for us a special lot of his newest colors and shades for this Collection. This is a mixture of the finest available sorts. They are of enormous size and of the most perfect type, the seed being selected only from the most vigorous free-flowering plants. Price, 50c.

**ZINNIA, Tall Large Flowered Mixed** — A special mixture of all large sorts. This will produce a mass of bright color in the garden and provide a fine source of cut-flowers.

No. 100—Packet, 5c; Quarter Ounce, 35c.

In July, 1924, the Royal Horticultural Society of England granted an "Award of Merit" for the strain and a Gold Medal for the Dahlia Flowered Zinnias exhibited at the London Show. A Silver Medal was awarded by the same Society in 1927, and in 1930 a Gold Medal was awarded the flower at the International Exposition at Antwerp, Belgium. They have since been consistent winners at all important shows.

**ZINNIA ELEGANS ROBUSTA DAHLIIFLORA, Bodger's Gold Medal Strain** — Here is a flower of exceptional merit. When Mr. Bodger, Sr., developed this now world-famous Gold Medal Strain he certainly set a new fashion in Zinnias. In formation the broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other. The flowers often measure 4 inches deep and over 6 inches in diameter. In general appearance they compare with Show Dahlias. They come in a wonderful range of bright colors on long stems and possess very good keeping quality.

No. 1163—**Mixed Dahlia Flowered Zinnias**. Gold Medal strains, all colors. Packet, 10c; Eighth Ounce, 35c.

**ZINNIA ELEGANS PLENISSIMA, Quilled or Cactus Flowered** — A unique type, some are curiously quilled and twisted, others radiate straight from the center and are almost tubular. They come in the full range of Zinnia colors, mostly bright, flaming autumn tints. Because of their freakish form not all the blooms are of cactus type. All are fine flowers, however.

No. 1164—Packet, 10c; Eighth Ounce, 35c.

## ZINNIA ASSORTMENT

A packet each of Double Pompon, Double Giant, Dahlia Flowered, Quilled or Cactus, and Tall Flowering, each in mixed colors. A 45c value at 35c.



CACTUS or QUILLED ZINNIAS

Each year more people realize the use of certified seed grain is the best kind of crop insurance. Better yield and quality.

### MAY 1934

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

### JULY 1934

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

# 1934 JUNE 1934

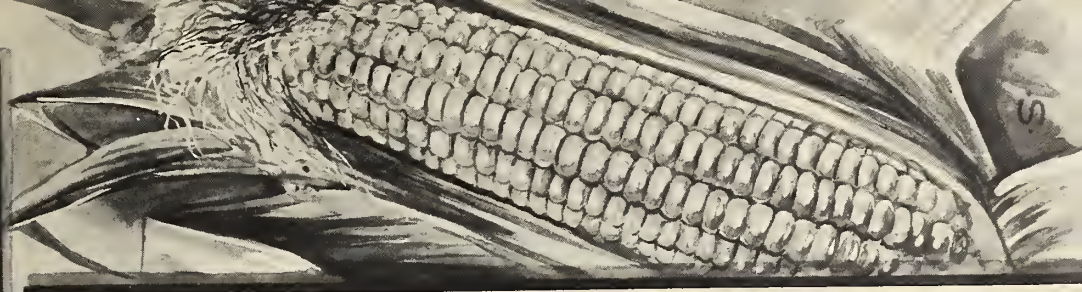
SUN	MON	TUE	WED	THU	FRI	SAT
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

Last Q.  4th

New M.  11th

First Q.  20th

Full M.  27th



**APRIL 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



**JUNE 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

**1934**

**MAY**

**1934**

**SUN**

**MON**

**TUE**

**WED**

**THU**

**FRI**

**SAT**



Last Q.

6th



New M.

13th

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

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27

28

29

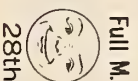
30

31



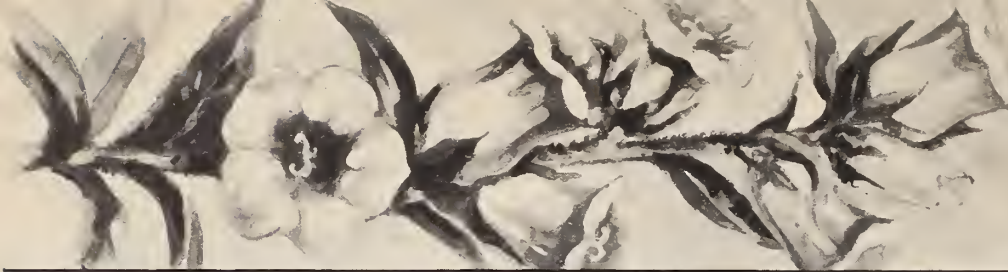
First Q.

21st



Full M.

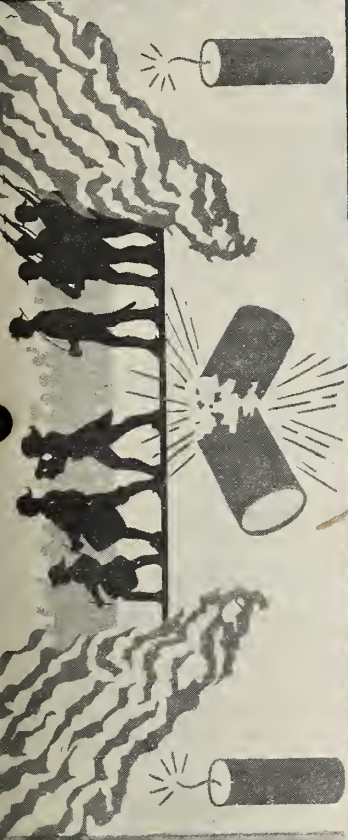
28th





**JUNE 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



**AUGUST 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**1934 JULY 1934**

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



**MARCH 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31



**MAY 1934**


SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		


**1934**


**APRIL**


**1934**

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

Last Q.  6th

New M.  13th

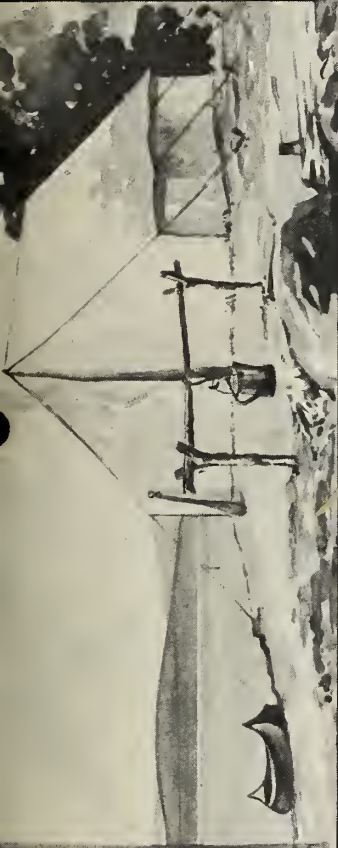
First Q.  21st

Full M.  29th



**JULY 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				



**SEPTEMBER 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

**1934 AUGUST 1934**

SUN	MON	TUE	WED	THU	FRI	SAT
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Last Q.  2-31st

New M.  10th

First Q.  17th

Full M.  24th



**FEBRUARY 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			



**APRIL 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	1	2	3	4	5	6
	7	8	9	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30

# 1934      MARCH      1934

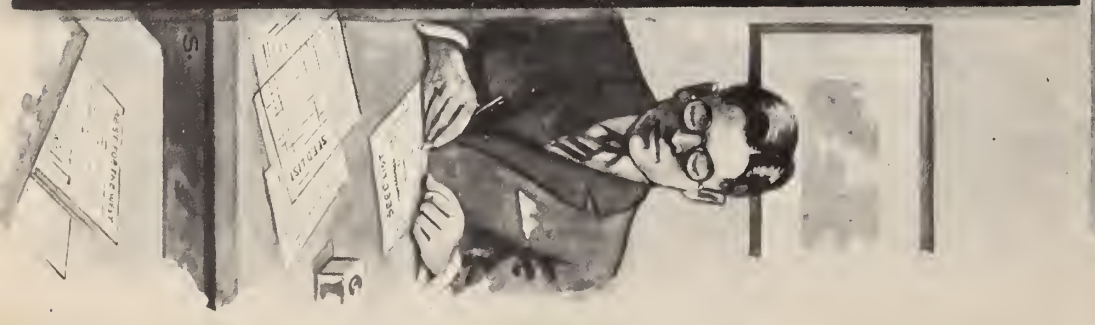
SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Full M.  
1-30th

Last Q.  
8th

New M.  
15th

First Q.  
22nd



# AUGUST 1934

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
		1	2	3	4	
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



# NOVEMBER 1934

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

# 1934 SEPTEMBER 1934

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						



New M.  
8th



First Q.  
16th



Full M.  
22nd



Last Q.  
30th

# 1934 OCTOBER 1934

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



New M.  
8th



First Q.  
15th



Full M.  
22nd



Last Q.  
30th



**JANUARY 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



**MARCH 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

# 1934 FEBRUARY 1934

SUN MON TUE WED THU FRI SAT



Last Q.  
7th

New M.  
13th

First Q.  
21st

4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			



**OCTOBER 1934**


SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



**JANUARY 1935**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

**1934 NOVEMBER 1934**

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	Last Q  29th

**1934 DECEMBER 1934**

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

New M  6th  
 First Q  13th  
 Full M  20th  
 Last Q  28th



**DECEMBER 1933**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



**FEBRUARY 1934**

SUN.	MON.	TUE.	WED.	THU.	FRI.	SAT.
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

# 1934 JANUARY 1934

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

Last Q.  8th  
 New M.  15th  
 First Q.  22nd  
 Full M.  30th

