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# The Chas. H. Lilly Co.

ESTABLISHED 1885

W. Hanford St. & W. Waterway

Seattle, Washington





# LAWNS



Making and taking proper care of a fine lawn is not exactly child's play but it certainly is not a difficult task. Read the paragraph "Feeding Lawns."

No other single feature has so much to do with making the home grounds attractive and inviting as a good, well kept lawn. Fortunately such a lawn is within reach of every home owner for it is neither expensive nor does it entail an excessive amount of work. Lawn ideas have changed a great deal since father was a boy. The special grasses that make fine lawns possible are now commonly grown and are inexpensive, the art of feeding lawns for continuous growth is now well understood and the materials necessary are regular stock in every up to date store, machines for applying fertilizers quickly, uniformly and without waste are now so inexpensive that every lawn owner should own one. No expert help is necessary to make a fine lawn nor to keep it in first class condition.

The three most important factors with established lawns are "plant food" which if applied frequently in small amounts, is most beneficial, "watering" which should be regular and thorough, wetting the soil six inches to a foot deep, and "cutting" which should be done at least once a week and which should leave enough grass foliage to permit uninterrupted growth.

## CREBENT LAWN SEED

A mixture of those grasses which make a thick, lasting turf, maintain a vigorous growth, have a rich inviting green color and the texture of which is fine and remains free from coarse, harsh growth. Contains no clover or coarse-leaved grasses. Crebent Lawns are truly pleasing in appearance and become more beautiful and satisfactory as the years go by. Creeping Bent, Chewings New Zealand Fescue, Kentucky Blue Grass and other especially fine grasses, suitable for both sunny and partially shaded situations and thriving on soils varying from sandy loam to clay formation are used in this mixture. One pound plants 200 square feet. Packed in one and five pound cartons.

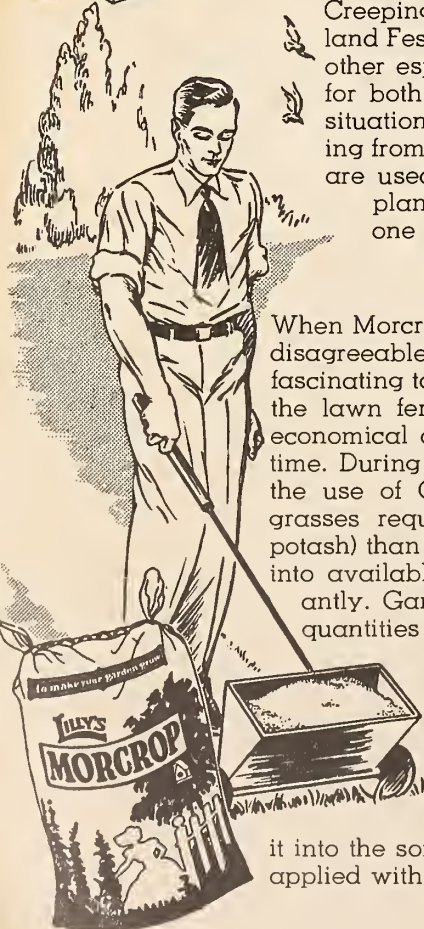
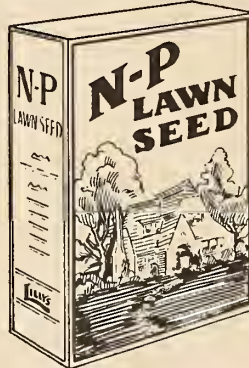
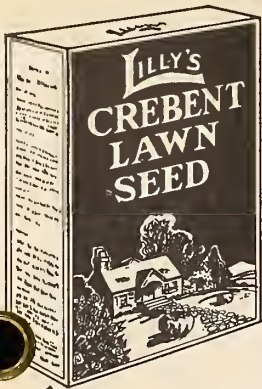
## N-P LAWN SEED

A lawn mixture compounded to meet the requirements of places that must stand hard wear, such as back yards, playfields, etc. Mixtures that can stand up under such conditions surely can be expected also to do well when conditions are more favorable. The grasses in this mixture normally take their natural rest periods at different times during the season, for which reason they automatically replace each other in predominance, resulting in a good looking turf from early spring until late fall. This mixture has been on the market for many years and thousands of Western homes are surrounded by lawns made from it. School grounds, parks, playfields, etc. also testify as to its qualities. Plant a pound or more to each 200 square feet. Packed in one and five pound cartons.

## FEEDING LAWNS

When Morcrop Spreaders were invented the formerly laborious and disagreeable job of fertilizing lawns was changed into a short fascinating task. No longer does anyone offer excuses for not getting the lawn fertilized. Saves its cost in a short time by its uniform economical application of fertilizer to say nothing of the saving in time. During the late fall, winter and early spring, we recommend the use of Garden Morcrop on lawns. During that period lawn grasses require more of the mineral elements (phosphates and potash) than they do in summer and nature converts these elements into available food at that season by supplying moisture abundantly. Garden Morcrop supplies the needed elements in liberal quantities and of the proper type, it also serves as a compost or dressing because it contains an abundant supply of ground peat. During the summer when the principal requirement for grass growth is nitrogen Lawn Morcrop is most economical and beneficial. Applications of both should be made as required at the rate of from 25 to 40 pounds per 1000 sq. ft., followed immediately by copious watering to dissolve the plant food and carry it into the soil. Both Garden Morcrop and Lawn Morcrop are easily applied with a Morcrop Spreader or, if desired, by hand

See Inside Back Cover for Other Fertilizers







# A Complete Fertilizer MORCROP

A Full Application of Fertilizer results in:

ONE HALF Used for Maintenance	OTHER HALF Produces a Full Crop
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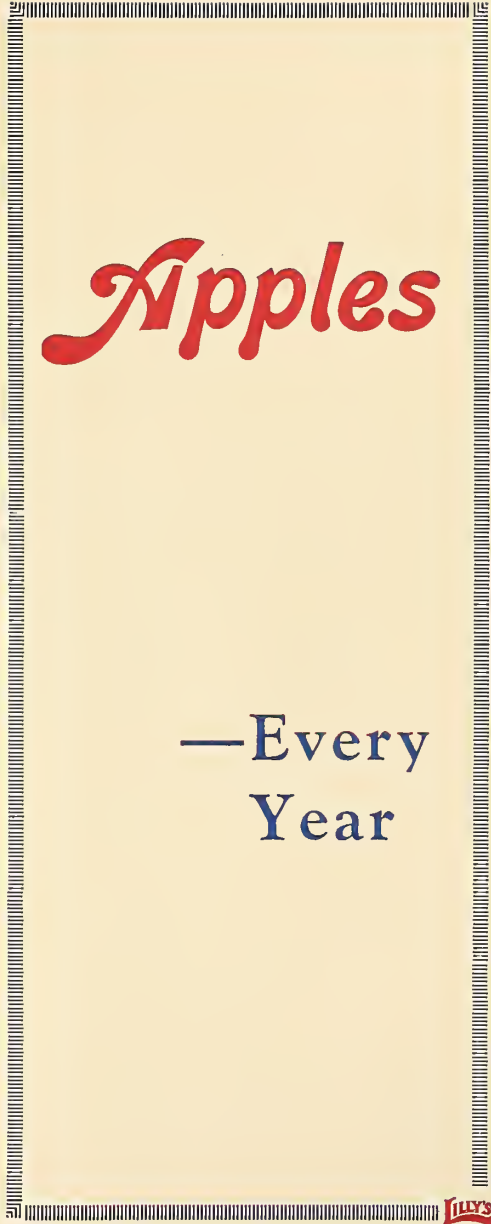
Three-fourths Application Results

TWO THIRDS Used for Maintenance	ONE THIRD To Produce Apples
------------------------------------	--------------------------------

Half Application Results

ALL Used for Maintenance
-----------------------------

*FEED THE ORCHARD ENOUGH TO PRODUCE A CROP*



# Apples

—Every  
Year



# Manuring Fruit Trees for Continuous Crop Production

By H. E. P. Hodson, F. C. S., M. S. E. A. C.  
*Extract from an Article in the*  
*"Pomological Review"*

**T**HE intensive fruit growing of modern times and the scientific use of fertilizers which this demands have given rise to a good deal of controversy around the somewhat difficult problem of the correct manuring of orchards.

The old idea which still finds some support was that fruit trees did not need artificial feeding because they could get all they wanted from the soil.

Why such an erroneous belief should ever have been held by any thinking person it is difficult to understand. It is probably accounted for by the fact that the root area of a cultivated tree is proportionately larger than that of most other plants, and consequently it makes a more exhaustive search for food material than smaller plants to which the cultivator has naturally paid more attention, are able to do. Further, the size of the root area makes the result of manuring less quickly discernable and not so easily measured.

It does not require a great deal of thought to appreciate the fact that one cannot expect to remove tons of fruit per acre from a plantation year after year without impoverishing the soil, and that if the crops are to continue, this wastage must be made good. The roots should always be provided with a ready supply of all the nutriment they require, so that the trees may be able when nature directs to store in their system the fabricated material

that undoubtedly plays such an important part in the consistent bearing of fruit.

These are the general principles that we may take it all up-to-date commercial fruit growers recognize.

## The Object

The object of this article is to bring to their notice a particular application of them, viz., the special manuring for fruit bud formation, which, it is hoped, will overcome the distressing habit of alternate cropping so general with many of our late bearing varieties of apples.

It is astounding that in these days of the advance of science so comparatively little thought, study and observation have been given to the manuring of fruit trees. We are still manuring our plantations in a very haphazard manner, but this lack of method must give way to intelligent system if competitive fruit growing under the conditions with which we are now face to face is to be a commercial proposition.

## The First Fact

that we must recognize is that blossom buds are formed and definitely determined in the summer before they break in the following spring, although observations show that a certain amount of variation may occur due to influences during the current season. Still more do these influences prevent the carrying out of the intention of the trees, that is, the blossoms may open and the fruit set, but if the tree finds it cannot support them, it will cast them or so much of them as it feels it cannot carry to perfection.

We must remember the first law of nature is to reproduce its species, and a plant is wise enough to prefer the formation of one perfect fruit or seed to eight or ten poor specimens. This wisdom can



be seen all through nature, and is particularly marked in fruit-bearing trees.

It will be seen, therefore, that by the Autumn the tree has decided whether it is going to blossom next year or not. This fact shows us at once that the general custom of manuring for next year's crop in the Winter or Spring, or in fact any time after the current growth is over, is wrong. It may have an effect upon the second year following, but certainly not on the first.

It follows, then, that in order to obtain fruit bud next year we must feed the tree during the current year while the leaves and roots are still active.

It is an undoubted fact that blossom bud formation is dependent on a sufficient supply of fabricated food material stored in the tree. This food material is gathered by the root and elaborated by the leaf. It is obvious, therefore, that good root action and a healthy big area of leaf is necessary. If an apple tree is examined in the early Summer, the fruit buds and spurs will be found to be strongest in the axes of the largest leaves. They grow finest where the foliage is vigorous, so that there is a local as well as a general relation between the size and vigor of the leaf and the blossom buds and fruiting spurs formed.

If this observation is followed up it will be found that the large blossom buds will make the finest and most vigorous blossoms, and it is desired to emphasize the importance of this point.

A fine vigorous blossom indicates an abundance of fabricated food material stored in the plant, and shows that there is a reserve in the tree which will enable it to continue its work till the fruit is set.

Therefore, to obtain fruit in any year we must have vigor in our trees throughout the previous Summer and particularly in the Autumn, in order that the development of the bud formed earlier in the year may be completed, and a sufficiency of fabricated food material stored in the tree in readiness for use in the coming Spring.

## The Next Consideration

is to see that the tree is able to carry from the good start thus secured; otherwise as has been stated it will drop its fruit even when set and partly swelled. In order to insure this it is necessary to provide sufficient food material during the dead season, so that it may be ready for the roots to gather directly they begin to work. It is of the utmost importance that this food material should never be wanting or the benefit from the previous Autumn treatment may be lost.

It is the proportion between the elaborate products stored in the tree, and the unassimilated substances gathered by the roots during the current season that determines the production of fruit or growth. If the proportion of elaborated products to unassimilated substances is high, the level of fruit production is also high, and this fact accounts for the weakly tree which is making small growth bearing such a large quantity of fruit in proportion to its size. If on the other hand the stored material is low compared with the unassimilated substances gathered by a vigorous root action, then growth and not fruit may be expected. Here, as in all else in plant nutrition, *it is balance which is essential.*

## Practising the Theory

The above are the facts on which the system is based, the practical carrying out of the theory is as follows:

A special soluble Organic Manure is applied to the trees in early August. It is complete food varying slightly according to the growth and appearance of the trees, and also the soil on which they are grown; it contains Phosphates, Ammonia and Potash in quantities judged to be sufficient.

August is chosen as the time of application because the swelling and development of the crop is then nearing completion. The contention is that the trees having by this time made provision for the finishing of the crop they are carrying, the food material given will not pass into the fruit.

On the other hand the roots are vigorous, gathering material to swell the fruit,

and the leaves are still healthy and able to do more work.

Therefore if a quickly available food is given, the roots must take it and pass it into the leaves where it will be fabricated, and not being wanted for immediate needs, the plant must store it for the next year, both in its fruit buds and its system generally.

The effect of this dressing is seen in the leaves which remain green and vigorous and obviously working longer than usual, so that undoubtedly a greater storing of fabricated material is thus ensured.

When the leaves fall, the trees are seen to be well budded, and this in spite of the fact that they have borne a heavy crop that year, and the buds are plump and strong through the winter.

This dressing ensures the first essential. It is followed in the winter by another dressing of lasting Organic Manure. This ensures the second essential, viz., that the trees should be able to support the blossoms by a vigorous growth, so that the fruit may be held and the work carried on.

It must be remembered that blossom bud formation comes at a time when the reserves of a tree have been and are being largely called upon, and these reserves must be maintained, so that the winter dressing is very important and both dressings are necessary every season, and should be repeated year after year. A break would upset the whole system; its secret is its continuity.

It is not desired here to go in detail into the question of the respective values of Organic and Inorganic Manures in relation to this particular question, but the fact to which we have referred, viz., that the formation of fruit is dependent upon the proportion of fabricated to unassimilated food material, is yet one more argument in favor of Organic Manures for fruit trees. Their varying availability, and the fact that they become steadily assimilable by the plant, ensures that there is never a flush of food, and it is this flush which produces growth; but, on the other hand, the steady supply that is derived from Organic Manures is continually passed up by the roots to the leaves and

there fabricated; the proportion not immediately required being naturally stored in the plant.

**LILLY'S**

## Complete Fertilizers

	Nitrogen	Phosphoric Acid	Potash
MORCROP .....	2%	10%	2%
For lawns, gardens and general use.			
CLARK'S ORCHARD SPECIAL	6%	10%	4%
For apples and similar crops.			
<b>LILLY'S</b> FISH AND BONE.....	5%	11%	2½%
Organic base fertilizer for orchards.			

### CHEMICAL FERTILIZERS

*Sulphate of Ammonia*—50% Potash, from Germany.

*Muriate Ammonia*—50% Potash, from Germany.

*Nitrate of Soda*—18% Nitrogen, from Chile.

*Sulphate of Ammonia*—25% Nitrogen, product of the steel mills of Eastern United States.

*Superphosphate*—17% Phosphoric Acid. Phosphate rock treated with Sulphuric Acid.

*Agricultural Sulphur*—A natural product mined in Texas and Louisiana.

### ORGANIC FERTILIZERS

*Bone Meal*—3% Nitrogen. Phosphoric Acid 18%. Ground by ourselves from beef bones.

*FISH FERTILIZER*—10% Ammonia. A by-product of the fish canneries.

*Tankage*—4% Nitrogen, Phosphoric Acid 11%. A by-product of the packing house.

*Sheep Guano*—2% Nitrogen, Phosphoric Acid 2%, Potash 1%. A natural product from the sheep corals of Idaho and Montana.

Although we are prepared to handle carload lots or 100-ton shipment, we are always glad to take care of smaller orders, the man who starts using fertilizer invariably increases each year the quantity used.

Ask for complete list and description of Fertilizers.

If your dealer does not handle **LILLY'S** Fertilizers write for price.



1885  
**BEST**  
for the  
**WEST**



1935  
**GOLDEN**  
**ANNIVERSARY**  
**YEAR**

### **DOUBLE NASTURTIUMS IN MIXED COLORS**

**Bodger's Sweet Scented Glorious Gleam Hybrids**

We offer you Gleam Hybrids, a mixture of colors which have been scientifically developed through line breeding and selection, using the results of original crosses as a starting point, but they are not hybrids in the sense of unproven first generation crosses.

The flowers are uniformly double, large, well formed and delightfully sweet scented, while the stems are long and wiry, bearing the numerous flowers well above the foliage.

The color range is wide and well balanced, including glorious shades of salmon, golden yellow, orange scarlet, cerise, cream yellow, maroon, orange, crimson, and gold flushed scarlet.

You know how popular Golden Gleam, the original double Nasturtium became, be among the first to plant Glorious Gleam Hybrids and have this flower in many colors. Secure your seed early, there will not be enough to go around.

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**1935 All-America Selections**

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NEW, NOVEL, WORTHWHILE**

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**For GOLDEN GLEAM  
the original double, sweet  
scented Nasturtium  
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# NEW INTRODUCTIONS FOR 1935



**EARLY FLOWERING COSMOS ORANGE FLARE**



**NEW RUST-PROOF SNAPDRAGON 75% IMMUNE**

## RUSTPROOF SNAPDRAGONS

Univ. of Calif. DeLuxe Mixture

Credit for the development of this Rust-Proof strain of Snapdragons goes to the University of California. In this DeLuxe Mixture we are proud to offer the original mixture supplemented by the addition of a wide range of colors not present in the College Mixture. It contains a higher percentage of the more desirable light colors, prominent among these shades are the popular canary yellow, rose pink, salmon pink and pure white, nicely balanced with the usual run of red and orange shades. Certificate of Honor Winner in the 1935 All-America Selections it was better than 75% immune to Rust last season and due to rigid selection is expected to be better than 85% Rust-Proof this year. **Pkt. 25c**

## COSMOS ORANGE FLARE

Early Flowering, Sparce Foliaged, Klondyke

Orange Flare is one of the most discussed and enthusiastically admired novelties on the market today. Winner of the Championship Gold Medal in the 1935 All-America Selections it is early enough to bloom to allow its outdoor culture as far north as Canada and is a wonder in the South, coming into full flower in less than four months from planting date. The color is the same vivid orange as the original late Klondyke, but the attractive light green foliage is much less abundant. The plants are a mass of color, the stems long and wiry, well adapted for cutting. **Pkt. 25c**

## STOCK PORCELAIN BLUE

Distinct in color from any other Stock now available, Porcelain Blue merits a trial in every flower garden. It is large flowered and of good type, of a delightful and unusual shade of light blue, shading to a delicate blue and then to white at the center of each floret. The effect is truly lovely. **Pkt. 25c**



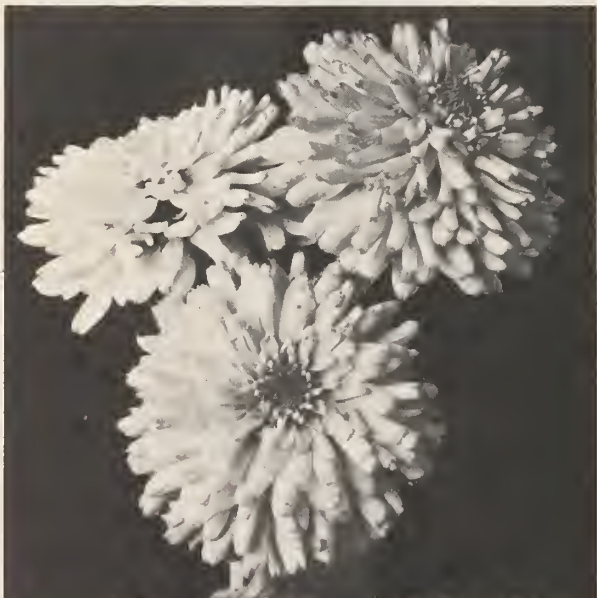
**TEN WEEKS STOCK PORCELAIN BLUE**



# NEW INTRODUCTIONS FOR 1935



**STOCK FLOWERED LARKSPUR ROSAMOND**



**ZINNIA PUMILA PICOTEE GOLDEN RAY**



**FRILLED CALIFORNIA POPPY RAMONA**



**DIANTHUS LACINIATUS SPLENDENS**

## LARKSPUR ROSAMOND

The most distinct Larkspur to be introduced in many years. Two weeks earlier than other Stock Flowered varieties. The height is exceptionally uniform and the plants bear many spikes heavily covered with fully double flowers. The color is new, a pure deep rose self, holding well until out of bloom. The individual florets are large and very double, evenly and closely placed on the stems. **Pkt. 25c**

## ZINNIA GOLDEN RAY

This new golden orange Zinnia is another of the medium sized varieties demanded by the trend of the times. The tip of each petal is outlined with a delicate picotee edging of brick red, a touch which brings out the full beauty of the flower. Two feet tall. **Pkt. 25c**

## FRILLED CALIFORNIA POPPY RAMONA

Ramona type Eschscholtzias or California Poppies are beautifully frilled and fluted, in russet and pinkish shades, on neat growing plants which form a compact mass of flowers. They are very effective when used as an edging or as a ground cover in the rose garden. **Pkt. 15c**

## DIANTHUS LACINIATUS SPLENDENS

Free flowering and easily grown this recent addition to the Dianthus family is a sterling novelty. The flowers are very large, over two inches across, a brilliant shade of crimson with a large boldly contrasting glistening white eye. **Pkt. 25c**





SANTA BARBARA POPPY HUNNEMANNIA SUNLITE

### ASTER EGYPTIAN ROSE

Egyptian Rose, a new shade in Asters, is one of the loveliest colors one can imagine. Deep cinnebar rose, high-lighted with a coppery sheen, extremely double and full petaled, it is a gorgeous thing. The plants are robust growing, branching, about two and one-half feet tall, and very free flowering. We highly recommend Egyptian Rose not only for its new and unusual color but also because it is especially suitable for cutting. Pkt. 25c

### SANTA BARBARA POPPY

#### Semi-Double Hunnemannia Sunlite

Sunlite, the attractive semi-double form of the well known Mexican Tulip Poppy or Hunnemannia, has become since its introduction last year one of the most popular garden flowers. The tulip shaped blooms with their extra band of petals on the outside rather than inside the cup give the appearance of being open at all times. The plants are of good habit, about two feet tall and thrive best in a sunny position where the soil is well drained. Pkt. 25c

We expect to have seeds of all prize-winning flowers and vegetables in the All-America Selections for 1935. The information necessary to properly catalog some was not available when this book went to press.



ASTER CREGO EGYPTIAN ROSE

### CALENDULA CHRYSANTHA

Chrysantha is distinct in type, a new break in Calendulas which is outstanding among all varieties known up to the present time. The large double flowers are an exquisite shade of clear buttercup yellow, with long loosely arranged petals which droop somewhat to give the rounded appearance of a Chrysanthemum. Besides adding a bright golden splash of color to the garden, Chrysantha is remarkable for its long stiff stems, making it ideal for cutting. Pkt. 15c

### PASTEL CALENDULA MIXTURE

Designed especially for the home garden, this mixture contains a balanced combination of the lighter shades of Calendulas in the dwarfer growing types. Many new shades of apricot, cream and white are included, as well as the better known orange and lemon. There is also a novel assortment of flower types. Especially adapted for border use, the stems are long enough to use the flowers for cutting as well. Pkt. 15c



PASTEL BEDDING CALENDULA MIXTURE



CALENDULA CHRYSANTHA or SUNSHINE



# 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. A few new sorts of exceptional merit have been added this year.

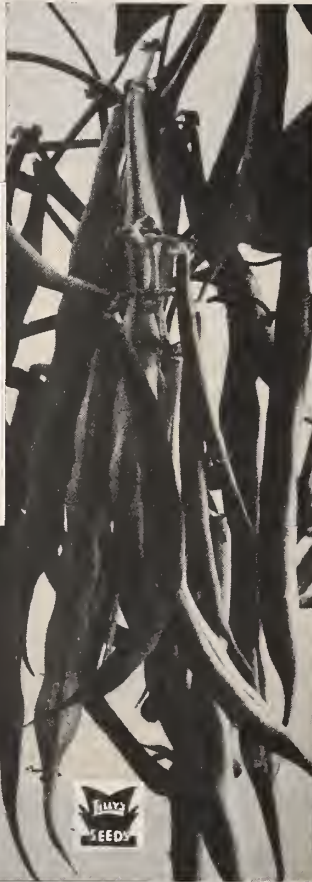
Choose your entire seed requirements from this book. The quality of Best for the West Seeds is best reflected by the great increase in seed production in the Western States for world-wide consumption. Lilly's Seeds are produced by people who have served a lifetime in the seed-growing business and possess every modern apparatus for seed production, cleaning, grading, testing, packing and marketing.

## GOOD SEEDS ESSENTIAL

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



WASHINGTON GIANT RUSTPROOF



TENDERGREEN STRINGLESS



IMPROVED GOLDEN WAX

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. Seed prices have not advanced except in a few cases of extreme shortage and many new Novelties have been made available to garden enthusiasts.



KENTUCKY WONDER



## 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. Pkt. 10c Oz. 20c ¼ Lb. 40c Lb. \$1.25

## BUSH BEANS

### Green Pod Varieties

**BURPEE'S STRINGLESS**—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. Pkt. 5c Family Garden Size Pkt. 15c

**TENDERGREEN**—An outstanding green pod bush bean. Plants large, erect, prolific. Pods 5½ to 6½ inches long, nearly straight, round, absolutely stringless and fiberless; fleshy, smooth and attractive. Ready in 51 days. Gold Medal winner for 1933 in the "All America" Selections and destined to quickly become one of the most popular both for home and market use. Pkt. 5c

**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. Pkt. 5c

### Wax Pod

**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. Pkt. 5c Family Size Pkt. 15c

## LIMA BEANS

**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. Pkt. 5c

## POLE BEANS

**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. Pkt. 5c Family Size Pkt. 15c

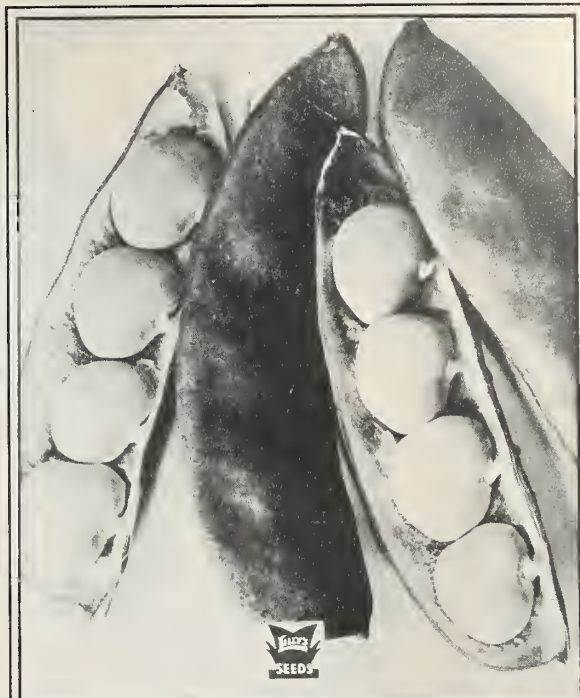
**Lilly's OREGON GIANT or YOUNT**—A remarkably prolific strong growing pole bean. Its production habit may be termed everbearing since it keeps on producing until killed by frost. The light green purple splashed pods are stringless, very fleshy, average more than a foot in length and an inch in diameter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

**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. Pkt. 5c

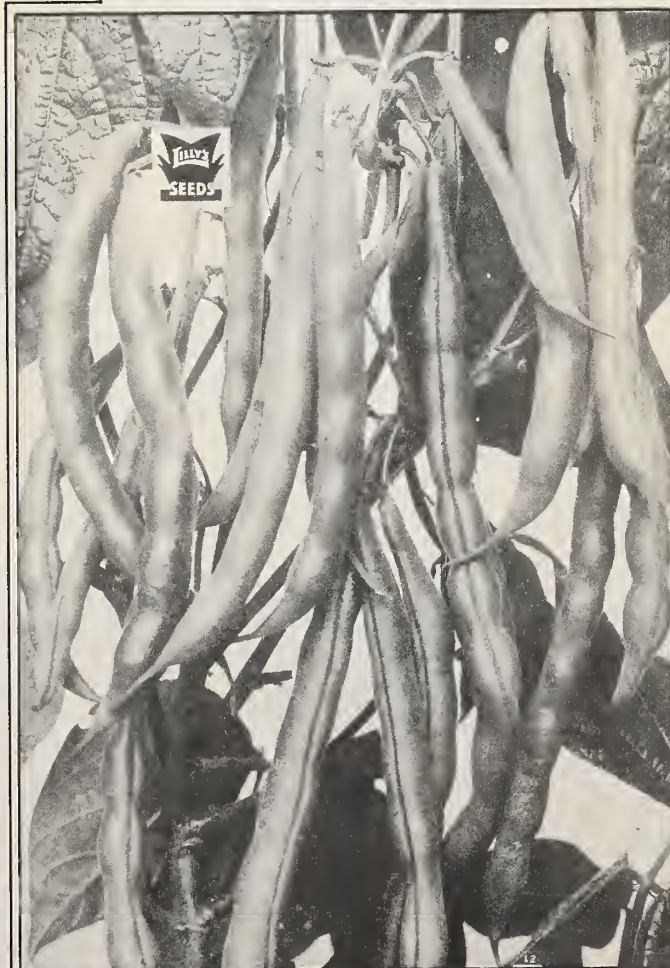
Bulk SEED BEANS Sold At Market Price

Our Prices Are Always Competitive

For ANISE and BASIL see HERBS page 17



BURPEE'S IMPROVED BUSH LIMA



BURPEE'S STRINGLESS GREEN POD







Lilly's DETROIT DARK RED. A Favorite For Canning.



BROCCOLI Italian Green Sprouting



Lilly's EARLY BLOOD RED



EARLY WONDER. The Market Gardener's Choice.



BRUSSELS SPROUTS Dwf. Improved



EARLY ERFURT SNOWBALL. A Dependable Header.



## TABLE BEETS

**Lilly'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. **Pkt. 5c Oz. 10c ¼ Lb. 25c Lb. 75c**

**Lilly'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. **Pkt. 5c Oz. 10c ¼ Lb. 25c Lb. 75c**

**Lilly'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. **Pkt. 5c Oz. 10c ¼ Lb. 25c Lb. 75c**

*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.*

## BROCCOLI

**Lilly's 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. 25c Oz. 50c ¼ Lb. \$1.35 Lb. \$4.00**

**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. **Pkt. 10c ¼ Oz. 25c Oz. 50c ¼ Lb. \$1.35 Lb. \$4.00**

## 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. **Pkt. 10c Oz. 20c ¼ Lb. 65c Lb. \$2.00**

## 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. **Pkt. 25c ¼ Oz. \$1.75 Oz. \$4.00 ¼ Lb. \$11.00**

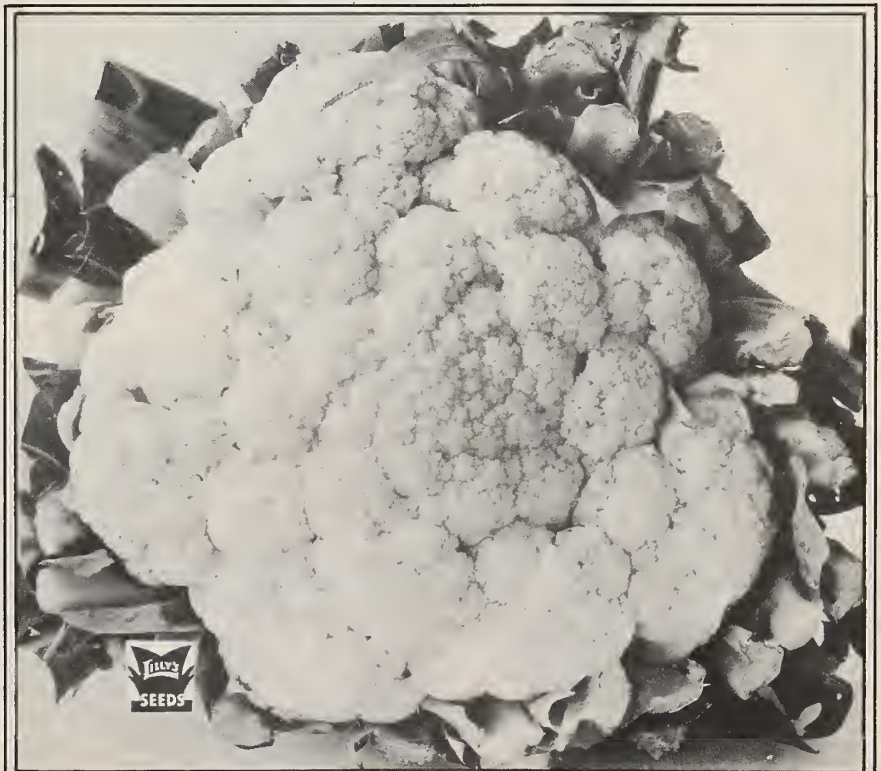
**EARLY ERFURT SNOWBALL**—An early sort. Heads medium, compact, snow-white and attractive. Suitable for forcing and general field culture. Ready for use in 60 days. **Pkt. 10c ¼ Oz. 75c Oz. \$2.00 ¼ Lb. \$6.00 Lb. \$17.00**

**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. **Pkt. 10c ¼ Oz. 40c Oz. \$1.00 ¼ Lb. \$3.00 Lb. \$8.00**



*Perfecting a strain of Lilly's Seed requires much diligent attention and time. The use of Greenhouses permits two years work being done during one twelve month period.*

For SWISS CHARD see page 25  
For MANGEL BEETS see page 29



**CAULIFLOWER, EARLY ALBA. Improved Snowball**





**GOLDEN ACRE.** The Earliest Round Head.



**EARLY JERSEY WAKEFIELD**



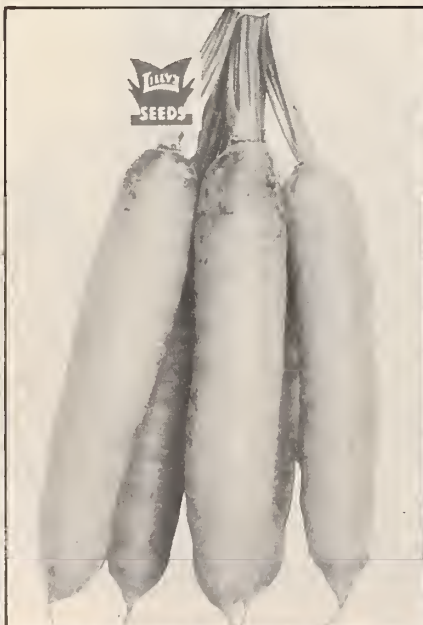
**DANVERS HALF LONG**



**Stein's EARLY FLAT DUTCH**



**CHINESE CABBAGE**



**NANTES CORELESS**



**CHANTENAY The Golden Half Long**



## CABBAGE

**Lilly's 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. Pkt. 5c Oz. 20c ¼ Lb. 60c Lb. \$1.60

**Lilly's 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. Pkt. 5c Oz. 25c ¼ Lb. 75c Lb. \$2.00

**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. Pkt. 5c Oz. 20c ¼ Lb. 50c Lb. \$1.50

**Lilly's 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. Pkt. 5c Oz. 25c ¼ Lb. 75c Lb. \$2.00

**Lilly's 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. Pkt. 5c Oz. 20c ¼ Lb. 50c Lb. \$1.50

**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 Oz. 20c ¼ Lb. 60c Lb. \$1.80

**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. Pkt. 5c Oz. 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. Pkt. 5c Oz. 35c ¼ Lb. \$1.00 Lb. \$3.00

## CARROTS

**Lilly'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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10

**Lilly's IMPERATOR**—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. "Award of Merit" winner for 1933 in the "All America" Selections and already one of the most popular carrots. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10

**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. Pkt. 5c Oz. 20c ¼ Lb. 60c Lb. \$1.50

**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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.00

**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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.00

*The best cabbage seed in America is grown in the Puget Sound district where cabbage seed has been produced continuously since 1879. The varieties here listed have all been perfected by Lilly's, who are pioneers in cabbage seed production in the West.*

For STOCK CARROTS see page 29  
For CARAWAY and CATNIP see HERBS page 17



**IMPERATOR (New All-Purpose Carrot)**



**DANISH BALLHEAD or HOLLANDER (Medium Stem)**





OREGON EVERGREEN (White)

Don't Overlook the Fact  
that we have large packets of  
**BEANS, CORN and PEAS**  
packed especially for family garden use, pack-  
aged to insure purity and trademarked for your  
protection.

<b>BEANS</b>	<b>PEAS</b>
Kentucky Wonder, Pole	Blue Bantam, Dwarf
Golden Wax Improved	Gradus, Medium
Burpee's Stringless	Telephone, Tall

**CORN**

Golden Bantam	<b>Each a very good</b>
Oregon Evergreen	<b>sort. All priced 15c</b>



SPANISH GOLD



Grow Celery For Profit



GOLDEN GIANT. Large Eared, Deep, Kerneled, Mid-Season.



**CELERY**

**Lilly's 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. **Pkt. 10c ¼ Oz. 45c Oz. \$1.25 ¼ Lb. \$3.50**

**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. **Pkt. 10c Oz. 25c ¼ Lb. 75c Lb. \$2.00**

**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. **Pkt. 10c ¼ Oz. 75c Oz. \$2.00 ¼ Lb. \$6.00**

**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. **Pkt. 10c Oz. 25c ¼ 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. **Pkt. 10c Oz. 60c ¼ 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. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. \$1.00**

**MORCROP**

*to make your garden grow*



*A lawn seed for quick results*

**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. **Pkt. 5c Family Garden Size Pkt. 15c**

**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. **Pkt. 5c**

**GOLDEN EARLY MARKET**—One of the best extra early yellow varieties for home and market gardens. Ears have strong husks; kernels golden yellow, tender, sweet and of good flavor, 8 to 12 rows. Very prolific for so early a variety. **Pkt. 10c**

**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. **Pkt. 5c**

**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. **Pkt. 5c Family Garden Size Pkt. 15c**

**Bulk SEED CORN at Market Prices**

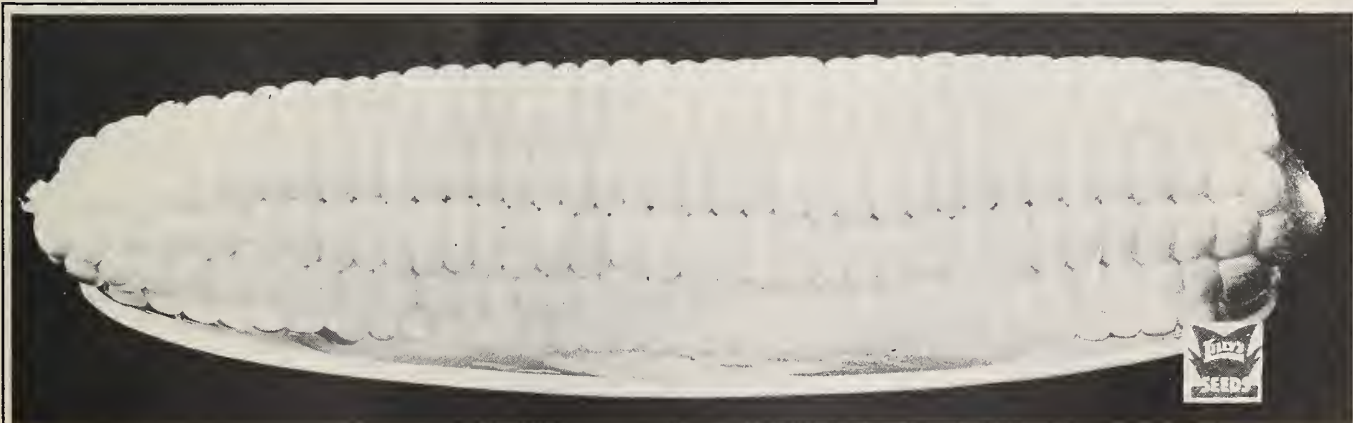
**We Meet Competition**

For CASABA see page 19

For FIELD CORN see page 32



**PARIS GOLDEN YELLOW**



**IMPROVED GOLDEN BANTAM. A 12-Row Selection From The Original Strain.**





**LONG GREEN**



**BOSTON PICKLING**

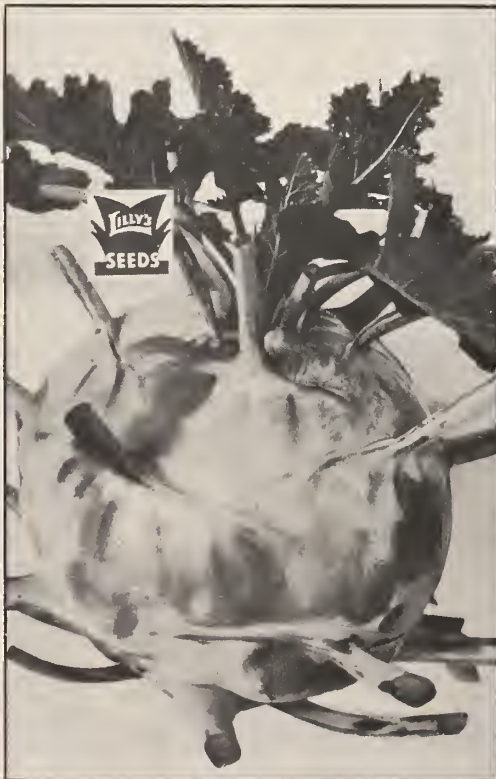
Delicious, tender vegetables are produced on fertile soil. Use **Garden Morcrop**.



**ENDIVE, GREEN CURLED Ruffec**



**ENDIVE, BATAVIAN BROADLEAF**



**KOHL RABI, EARLY WHITE VIENNA**



**KALE, DWARF GREEN (above) 1000 HEADED (below)**





## 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 1¼ to 2 pounds, very dark green, uniform, nearly cylindrical. Ready for the table in 60 days. **Pkt. 5c**

**Lilly's LONG GREEN**—The standard black spine, late variety for home gardens; unexcelled for slicing; vines hardy and prolific. Fruits weigh 3 to 3½ pounds, deep green, straight, slightly tapered; flesh very white and crisp. 70 days. **Pkt. 5c**

**BOSTON PICKLING**—Most widely used for pickling varieties, also good for slicing. Very early and prolific. Fruits weigh 1½ pounds, medium green, slightly tapered, black spines. Ready in 58 days. **Pkt. 10c**

**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. **Pkt. 5c**

If you want early cucumbers start the plants indoors by planting the seeds in inverted squares of partly decomposed sod. You can move them to the garden later without injury or setback.

## 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. **Pkt. 10c Oz. 65c ¼ Lb. \$1.75 Lb. \$5.00**

## 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. **Pkt. 5c Oz. 30c ¼ Lb. 75c Lb. \$2.25**

For DILL, FENNEL and HOREHOUND see HERBS page 17

## ENDIVE

**Lilly's GREEN CURLED RUFFEC TYPE**—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. **Pkt. 5c Oz. 20c ¼Lb. 40c Lb. \$1.10**

**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. **Pkt. 5c Oz. 20c ¼ Lb. 40c Lb. \$1.10**

## 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. **Oz. 20c ¼ Lb. 40c Lb. \$1.10**

## 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. **Pkt. 5c Oz. 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. **Pkt. 5c Oz. 10c ¼ Lb. 20c Lb. 60c**



NEW YORK IMPROVED



IMPROVED WHITE SPINE, An Ideal Market and Home Garden Cuke





GRAND RAPIDS. Good For Early Outdoor Planting.



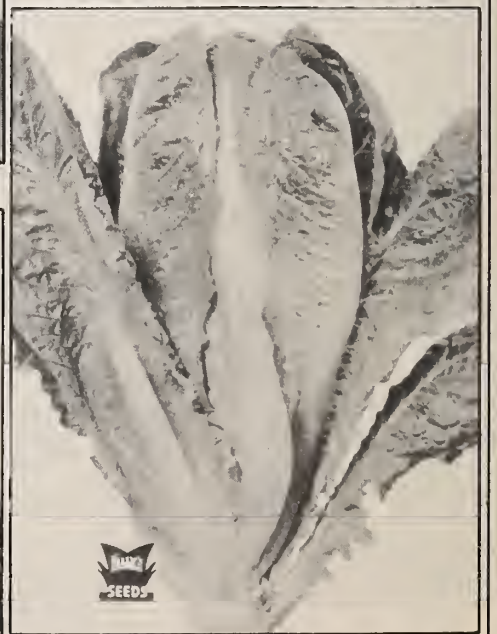
EARLY CURLED SIMPSON. Very Compact and Tender



DILL. Easily Grown in Home Gardens.



LEEK, LARGE AMERICAN FLAG



LETTUCE, PARIS COS or ROMAINE



## HEAD LETTUCE

Lilly's **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. 15c ¼ Lb. 45c Lb. \$1.25**

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. **Pkt. 5c Oz. 15c ¼ Lb. 45c Lb. \$1.25**

**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. **Pkt. 5c Oz. 15c ¼ Lb. 45c Lb. \$1.25**

## LEAF LETTUCE

Lilly'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. **Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10**

**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. **Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10**

Lilly's **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. **Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10**

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 Mop-crop because of its high analysis and availability.

## 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. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. 95c**

## LEEK

**LARGE AMERICAN FLAG**—An early popular sort, with long, rather thick stems; white, sweet flavored. Leaves large, medium green. **Pkt. 10c Oz. 25c ¼ Lb. 75c Lb. \$2.25**

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

## GARDEN HERBS

**ANISE**—Annual. Plant and root resemble celery; aromatic seeds used for flavoring, leaves for garnishing. **Pkt. 10c Oz. 20c**

**CARAWAY**—Biennial. Aromatic seeds are used for flavoring. **Pkt. 10c Oz. 20c**

**CATNIP** or **CATMINT**—Perennial. Leaves and young shoots used for seasoning and medicinal purposes. **Pkt. 10c Oz. \$1.00**

**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. **Pkt. 10c Oz. 50c**

**ROSEMARY**—Perennial. Fragrant leaves used for seasoning, tea, and in making perfume. **Pkt. 10c Oz. \$1.00**

**SAGE**—Perennial. Leaves are used either green or dried for seasoning. **Pkt. 10c Oz. 30c**

**SUMMER SAVORY**—Annual. Leaves and young shoots used for flavoring. **Pkt. 10c Oz. 20c**

**SWEET BASIL**—Annual. Spicy leaves used for flavoring. Essential in mock-turtle soup. **Pkt. 10c Oz. 25c**

**SWEET FENNEL**—Perennial. Used for flavoring and in medicine. **Pkt. 10c Oz. 20c**

**SWEET MARJORAM**—Perennial grown as an annual. Leaves and young shoots used as seasoning. **Pkt. 10c Oz. 20c**

**THYME**—Perennial. The highly aromatic leaves are used for seasoning, in tea and in medicines. **Pkt. 10c Oz. 75c**



NEW YORK or LOS ANGELES



More NEW YORK Head Lettuce Is Grown Than All Other Varieties Combined.





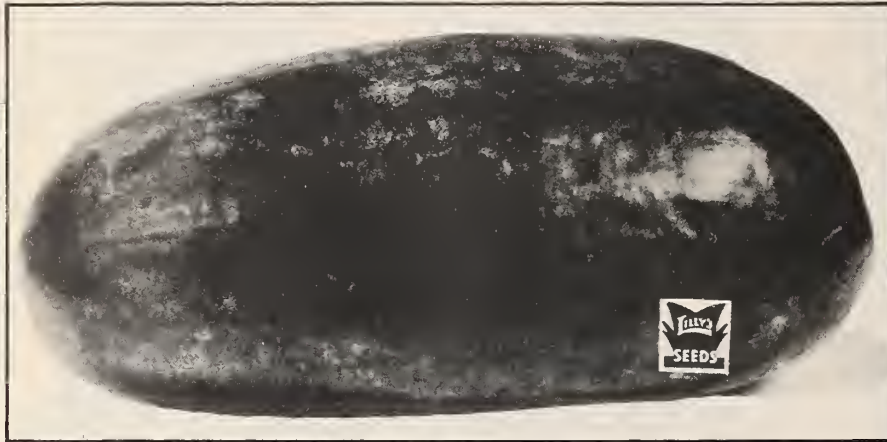
TIP TOP



HONEY DEW



CASABA. GOLDEN BEAUTY



TOM WATSON. A Good Shipper.



KING and QUEEN (Winter Melon)



OKRA or GUMBO



MUSTARD, SOUTHERN CURLED

For home gardens by far the most satisfactory way of supplying plant food is in the form of commercial fertilizer properly balanced as to its Nitrogen, Phosphate and Potash content such as Lilly's Garden Morcrop. A 50-pound bag selling for \$2.37 is a liberal application for a thousand square feet of garden space.

Each time you cultivate the soil around your plants you stimulate bacterial activity in the soil which results in the production of available plant food, you destroy weed growth and prevent the evaporation of moisture.



MUSHROOMS. Easily Grown From Spawn.



## MUSKMELONS

**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. **Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.20**

**Lilly's 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. **Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.20**

**Lilly'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. **Pkt. 5c Oz. 15c ¼ 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. **Pkt. 5c Oz. 15c ¼ Lb. 45c Lb. \$1.30**

**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. **Pkt. 5c Oz. 15c ¼ Lb. 30c Lb. 75c**

## 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. **Pkt. 5c Oz. 15c ¼ Lb. 45c Lb. \$1.25**

## WATERMELONS

**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. **Pkt. 5c Oz. 15c ¼ Lb. 55c Lb. \$1.60**

**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. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. \$1.00**

**KLECKLEY'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. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. 90c**

**TOM WATSON**—The outstanding shipping melon. Fruits are large, uniform, cylindrical; with deep green, faintly veined, tough and elastic rind. Flesh bright red, firm, somewhat grainy; of good flavor. 90 to 95 days. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. \$1.00**

**Lilly's GRAYSTONE**—A gray-skinned, enormously large, very sweet watermelon with a deep, solid heart. Flesh rich scarlet. "Award of Merit" winner in the "All America" Selections for 1933. Has proven itself in all the melon sections of the West. The markets are demanding this new melon. **Pkt. 10c Oz. 20c ¼ Lb. 60c Lb. \$1.75**

**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. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. \$1.00**

## OKRA

**EARLY DWARF GREEN**—An early dwarf growing sort, with dark green, fluted, pointed pods, 4 to 5 inches long; quite prolific. **Pkt. 10c Oz. 15c ¼ Lb. 25c Lb. 75c**

For MARJORAM see HERBS page 17



~ HEARTS OF GOLD. Well Named Indeed.

## 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 45c 5 or more, 40c each**

## MUSTARD

**Lilly's 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. **Pkt. 5c Oz. 10c ¼ Lb. 20c Lb. 60c**



KLONDIKE. Unexcelled For Eating Quality.





Lilly's ONION SETS Are Western Grown



SWEET SPANISH, Riverside Strain



PARSLEY, CHAMPION MOSS CURLED



ONION PLANTS For Green Onions



PARSNIP, Lilly's HOLLOW CROWN. The Big Yielder.



PEPPER, CHINESE GIANT



## ONIONS

**Lilly's 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. **Pkt. 10c**

**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. **Pkt. 5c**

**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. **Pkt. 5c**

**WHITE QUEEN**—Valuable for early use and pickling, also for bunching. Bulbs small, flat, clear white, firm and mild. **Pkt. 5c**

**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. **Pkt. 5c**



RED WETHERSFIELD

## ONION PLANTS

**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. **Market Prices.**

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. **Market Prices.**

## ONION SETS

## 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. **Pkt. 5c Oz. 15c ¼ Lb. 30c Lb. 85c**

## 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. **Pkt. 5c Oz. 10c ¼ Lb. 25c Lb. 60c**

## PEPPERS

**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. **Pkt. 10c Oz. 75c ¼ Lb. \$2.25 Lb. \$6.50**

**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. **Pkt. 10c Oz. 65c ¼ Lb. \$1.75 Lb. \$5.00**

**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. **Pkt. 10c Oz. 45c ¼ Lb. \$1.60 Lb. \$4.50**

**PIMENTO**—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. **Pkt. 10c Oz. 45c ¼ Lb. \$1.60 Lb. \$4.50**

**LONG RED CAYENNE**—A favorite hot variety. Plants large, fruits tapering, twisted; very pungent. 70 days. **Pkt. 10c Oz. 45c ¼ Lb. \$1.60 Lb. \$4.50**



WHITE QUEEN BUNCHING ONION



YELLOW GLOBE DANVERS

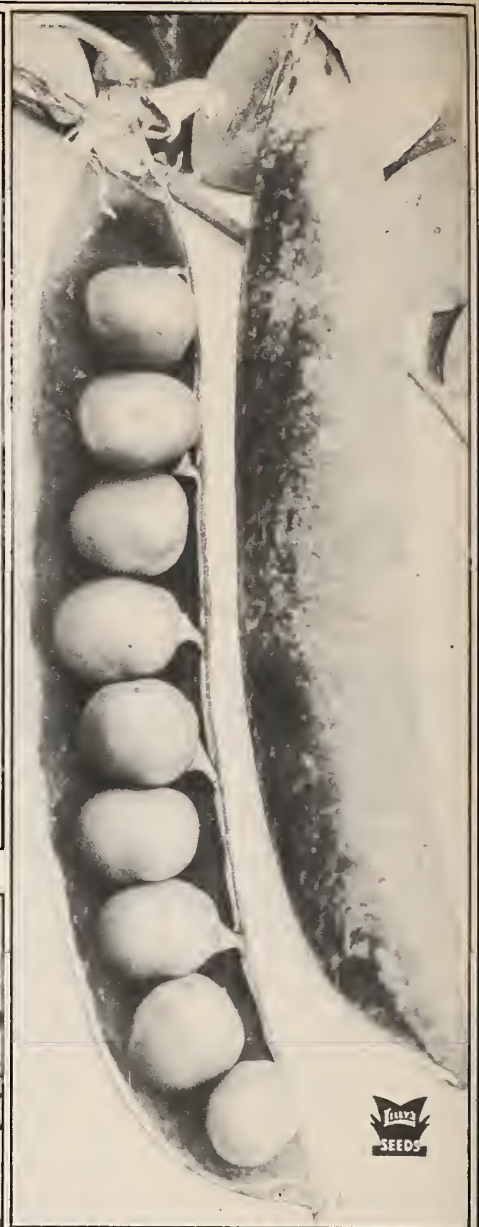




LITTLE MARVEL



BLUE BANTAM (Large Pods)



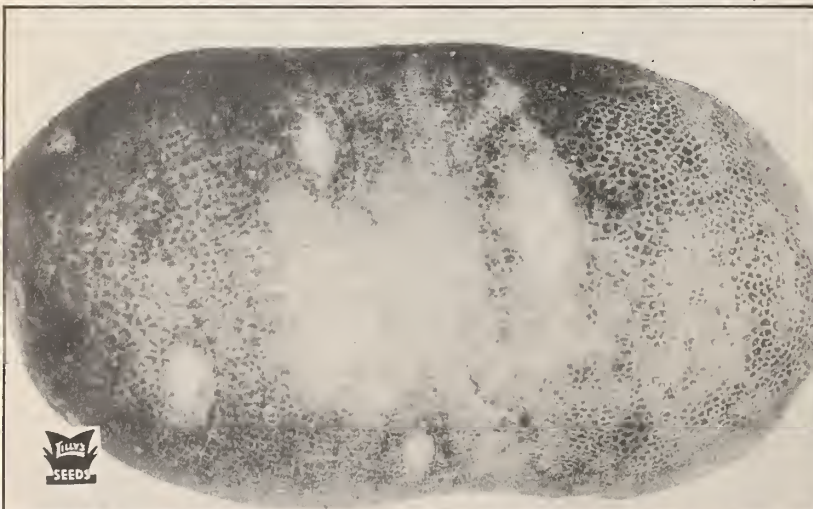
GRADUS or PROSPERITY



DWARF TELEPHONE



RHUBARB or PIE PLANT



It Pays To Plant Certified Seed Potatoes. Get Our List.



RUTABAGA. Lilly's KING OF SWEDES



## 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. **Pkt. 5c**

**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. **Pkt. 5c Family Size Pkt. 15c**

**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. **Pkt. 5c Family Size Pkt. 15c**

**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. **Pkt. 5c Family Size Pkt. 15c**

**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. **Pkt. 5c**

**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. **Pkt. 5c**

## Bulk SEED PEAS at Market Prices

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.

## 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.**

## 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. **Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. 85c**

**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. **Pkt. 5c Oz. 15c ¼ Lb. 30c Lb. 75c**

For ROSEMARY see HERBS page 17



Lilly's TALL TELEPHONE

## RHUBARB

**VICTORIA MAMMOTH**—A main crop sort, vigorous in growth, with upstanding, thick, red stalks of excellent quality. Producing roots easily started from seed. **Pkt. 10c Oz. 25c ¼ Lb. 75c Lb. \$2.00**

## RUTA BAGA

**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. **Pkt. 5c Oz. 10c ¼ Lb. 20c Lb. 60c**



Lilly's SUGAR or SWEET PIE





WHITE ICICLE



SALSIFY (Oyster Plant)

Below FRENCH BREAKFAST



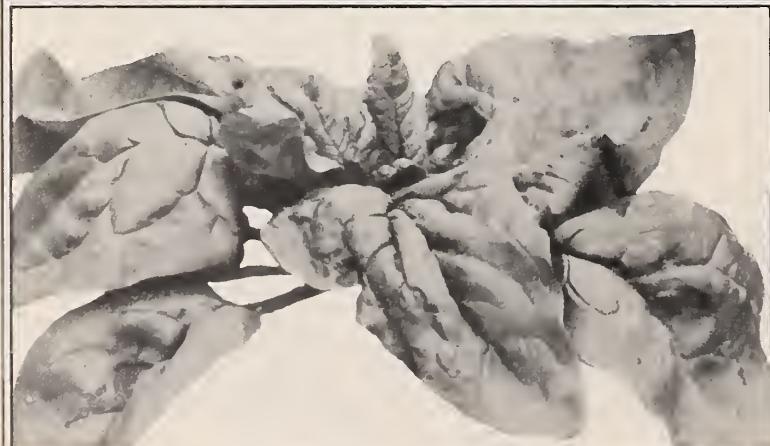
SWISS CHARD, Lilly's LUCULLUS



EARLY SCARLET GLOBE



PRICKLY SEEDED WINTER



NOBEL GIANT THICKLEAF



## RADISH

Lilly's **SPARKLER**—The earliest of all. 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. Pkt. 5c Oz. 15c ¼ Lb. 25c Lb. 75c

**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. Pkt. 5c Oz. 15c ¼ Lb. 25c Lb. 75c

**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. Pkt. 5c Oz. 15c ¼ Lb. 25c Lb. 75c

Lilly's **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. Pkt. 5c Oz. 15c ¼ Lb. 25c Lb. 75c

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. Pkt. 5c Oz. 15c ¼ Lb. 25c Lb. 75c

**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. Pkt. 5c Oz. 15c ¼ Lb. 30c Lb. 90c

## 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. Pkt. 10c Oz. 30c ¼ Lb. 95c Lb. \$2.90



Lilly's **BLOOMSDALE SAVOY LEAVED**. An Unusually Good Strain for Home and Market.

## 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. Pkt. 5c Oz. 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. Deep green, tender. The best of the Giant Thick Leaved sorts. 45 days. Pkt. 5c Oz. 10c ¼ Lb. 20c Lb. 50c

Lilly's **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. Pkt. 5c Oz. 10c ¼ Lb. 20c Lb. 45c

**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. Pkt. 5c Oz. 10c ¼ Lb. 20c Lb. 45c

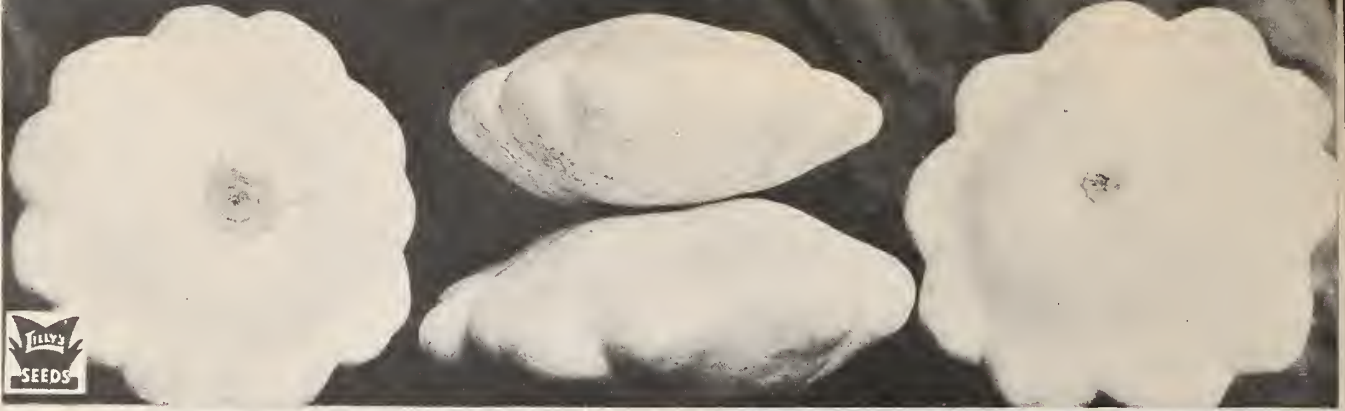
## SWISS CHARD

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. Pkt. 5c Oz. 10c ¼ Lb. 30c Lb. 85c

For **SAGE**, **SUMMER SAVORY**, **SWEET BASIL**, **SWEET FENNEL**, **SWEET MARJORAM** see **HERBS** page 17





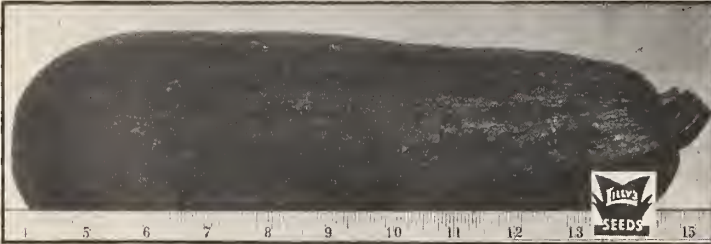


**DOLLAR WHITE BUSH SCALLOP**

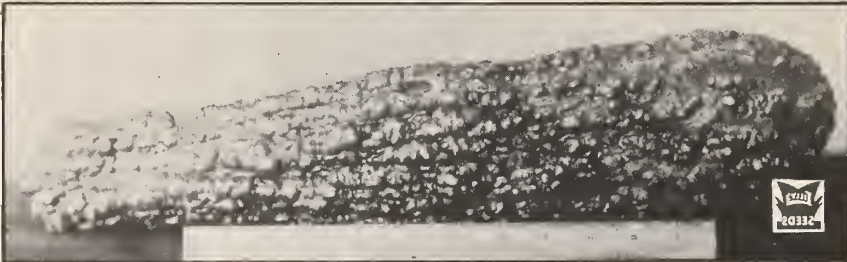
A **Kitchen Herb Garden** requires only a little space but adds much to the zest of our meals. Good vegetable and meat cookery calls for the judicious use of herbs, and few salads are complete without this kind of seasoning.



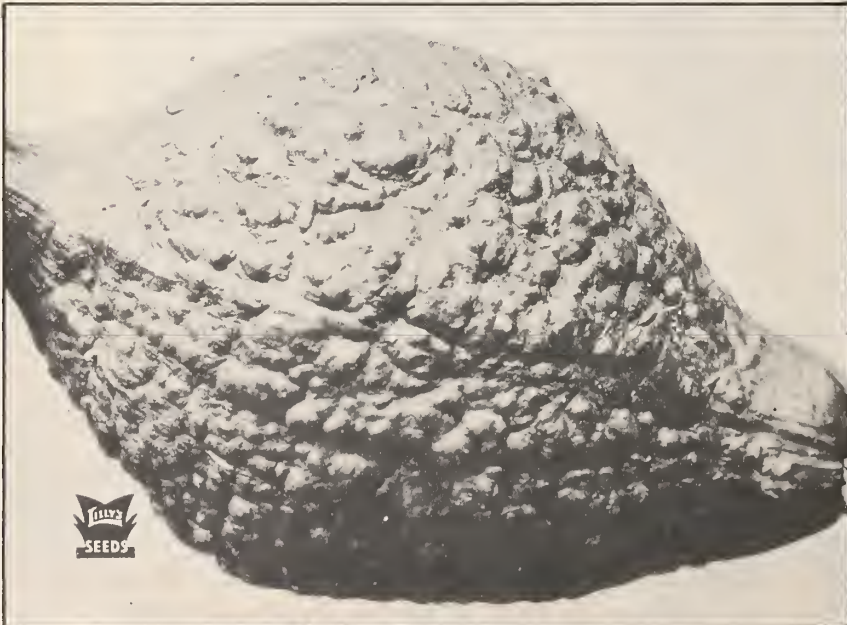
**TOMATO, GOLDEN HUSK**



**ZUCCHINI, ITALIAN SUMMER SQUASH**



**GIANT YELLOW STRAIGHTNECK**



**HUBBARD. A Splendid Winter Keeper.**



**EARLIANA, Puget Sound Special**



## 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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10

**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. Pkt. 5c Oz. 15c ¼ 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. Pkt. 5c Oz. 15c ¼ 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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10

### GROUND CHERRY (TOMATO)

**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. Pkt. 10c Oz. 80c ¼ Lb. \$2.25 Lb. \$6.00

For THYME see HERBS  
page 17

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

**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. Pkt. 10c Oz. 45c ¼ Lb. \$1.25 Lb. \$3.50

Certified Seed Oz. 55c ¼ Lb. \$1.50  
Lb. \$4.50

**Lilly'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.

**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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10

**Lilly's 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. Pkt. 5c Oz. 15c ¼ Lb. 40c Lb. \$1.10

**BOSTON MARROW**—A very productive, late fall variety, extensively used for can-

ning. 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. Pkt. 5c Oz. 15c ¼ Lb. 35c Lb. \$1.00

**GARDEN GUIDE**—Lilly's Garden Guide has been published since 1905. The present edition is the best ever, full of useful information for Pacific Coast garden growers and is used as a reference book by many schools. Lilly's Seed Packets tell how to get it.



**MARGLOBE.** Introduced by U. S. Dept. of Agriculture.

### TOMATOES

66 days from transplanting. Pkt. 5c Oz. 45c ¼ Lb. \$1.60 Lb. \$4.50

**NEW DWARF 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. Pkt. 5c Oz. 45c ¼ Lb. \$1.60 Lb. \$4.50

**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. Pkt. 10c Oz. 80c ¼ Lb. \$2.25 Lb. \$6.50

**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. Pkt. 10c Oz. 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. Pkt. 10c Oz. 90c ¼ Lb. \$2.50 Lb. \$7.00

See Us For Tomato Plants  
In Season





PURPLE TOP WHITE GLOBE

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.



PETROWSKI or ALASKA

## 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. Pkt. 5c Oz. 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. Pkt. 5c Oz. 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. Pkt. 5c Oz. 10c ¼ Lb. 25c Lb. 60c

**Lilly's PETROWSKI or ALASKA**—This is an extra early turnip of excellent quality. Roots round, somewhat flattened, indented at the tap-root; smooth, yellow. Flesh yellow, particularly sweet, fine-grained and tender. Tops are short and lie flat on the ground. 43 to 45 days. Pkt. 5c Oz. 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. Pkt. 5c Oz. 10c ¼ Lb. 25c Lb. 60c

## TOBACCO

**CONNECTICUT SEED LEAF**—Hardy, prolific and well suited to production on the Pacific Coast. Leaf is of choice texture and delightful flavor. Pkt. 10c ¼ Oz. 30c Oz. 90c ¼ Lb. \$2.65



PURPLE TOP STRAP LEAF



# FARM SEEDS

## MANGEL BEETS

**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; grows partly above the ground; skin deep orange; flesh yellow with white zones; very productive.

The varieties listed are all grown from Lilly's improved stocks and can be depended upon as being the finest available quality. They yield immense tonnage under favorable conditions. **Price Any Variety Lb. 40c 10 Lbs. \$3.50**

## 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. **Oz. 15c ¼ Lb. 35c Lb. \$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 1 to April 15. Price on application.

**Mail Orders** for any item listed in this book on which no price is shown may be sent us with every assurance that the lowest prevailing price will be charged. Send along some money, we will return the overage or bill you for any shortage.

## 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. **Oz. 10c ¼ Lb. 25c Lb. 70c**

**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. **Oz. 10c ¼ Lb. 20c Lb. 50c**

## PRICES ON FARM SEEDS

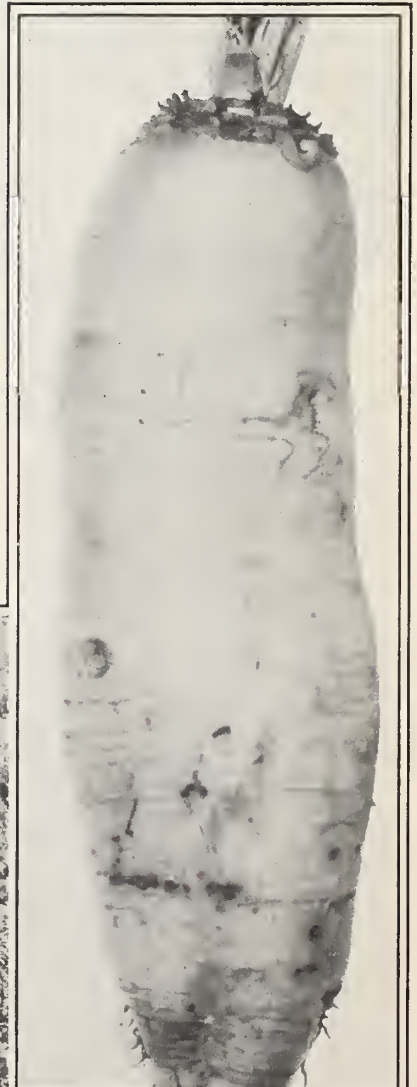
Because the value of farm seeds is apt to fluctuate greatly between the time this book is printed and the date on which you wish to buy we cannot print prices in this catalog. Get our prices before buying.



**DANISH SLUDSTRUP MANGEL**



**STOCK CARROT**



**BORTFELD TURNIP**



## SEED RYE

90 to 120 pounds per acre

**Lilly'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.

**Lilly'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.

## BUCKWHEAT

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.

## SEED WHEAT

80 to 120 pounds per acre

**Lilly'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.

**Lilly'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.

## 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.

## SUNFLOWER

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.

## SEED OATS

80 to 120 pounds per acre

**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.

**Lilly'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.

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

## SUDAN GRASS

*Andropogon sorghum*  
10 to 20 pounds per acre

An early maturing annual sorghum plant, requires warm weather. Thick seeding is advisable, otherwise the crop grows too rank and coarse. Important 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. See photo on opposite page.



BEARDLESS BARLEY



GOOD SEED OATS PROVES ITSELF AT HARVEST TIME

### SEED GRAIN TREATMENT

Experience has demonstrated time and time again that it pays to treat seed grains for smut and other possible seed-borne diseases.

We can supply Ceresan, Semesan, Copper Carbonate, Formaldehyde, etc.



ROSEN RYE

## SEED BARLEY

75 to 100 pounds per acre

**"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.

**BENN BEARDLESS**—A variety developed at O.A.C. that combines stiffness of straw, earliness and heavy yielding ability and is entirely beardless.

**WHITE HULLESS (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.

**HANNCHEN**—A two-row bearded variety that is said to be especially fine for brewing purposes. Matures medium early and yields well.

### GRAINS REQUIRE MINERALS

The mineral elements, phosphate and potash, control the protein content of grains and a movement is now under way providing for the legal grading of grains on a protein content basis. The increasing decline of the protein content of grains grown on lands that have become deficient in minerals due to continuous cropping without fertilizers is responsible for this action. By a new system of chemical soil analysis the lack of these can now be determined. Let us make such a test for you.





SUNFLOWER



EARLY AMBER CANE



SUDAN GRASS

**JAPANESE MILLET**

*Echinochloa crusgalli edulis*—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 forage that is especially fine for green feeding. Thrives in a moist climate and soil.

**FOXTAIL MILLETS**

*Chaetochloa italica*—20 to 30 pounds per acre

**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.

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

**HUNGARIAN**—At least a week earlier to mature than Golden and requires less moisture. Grows three feet tall, makes splendid hay.

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

**BROOMCORN MILLETS (Proso)**

*Panicum milaceum*—25 to 35 pounds per acre

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

**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.

**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. Should be planted in rows and cultivated like corn.

**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.

**SOY BEANS**

*Glycine hispida*  
30 to 50 lbs. per acre

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.

**PLANT LATE**

Do not plant the seeds of Millet, Cane, Soy Beans, or Sudan until late in the spring when all danger from frost is past and the soil is warm. Cold stunts the plants and rots the seed.



DWARF ESSEX RAPE



SOY BEANS



GOLDEN MILLET



JAPANESE MILLET





MINN. NO. 13 FIELD CORN

## FERTILIZE FARM CROPS

Now that prices on farm crops have stiffened and the great surplusses have been used up it seems certain that quality will again become a most important factor when it comes to marketing. High prices make buyers discriminating, they now insist on quality. Fertilizer of the right kind and in the right amounts, properly applied, will not only increase the yield but will materially improve the quality so that by its use you have a twofold means of profit. There is a Morcrop that is just right for any crop or soil condition. We would like the opportunity of advising you as to its use.



YELLOW CANADIAN WONDER FIELD PEAS

## FIELD CORN

8 to 12 pounds per acre

**Lilly's 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.

**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.

**Lilly's 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.

**Lilly's 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.

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

## 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 bi-sulphide, 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 bottom lands. 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.



GRAY OR COMMON VETCH





**PASTURE AND HAY ARE CHEAP FEEDS**

**Lilly'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.

**Lilly'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.

**Lilly'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.

**Lilly'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.



**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.

**SWEET VERNAL GRASS**

*Anthoxanthum odoratum*  
*20 to 25 pounds per acre*

A long-lived perennial grass growing in small dense tufts and reaching a height of 18 to 20 inches. While formerly used only in a limited way in meadow mixtures to impart fragrance to hay it has proven to be a splendid crop for pasture purposes on logged-off uplands infested with ferns. Because it starts very early in the spring and makes a rather tough sod it greatly retards fern growth which coupled with the repeated trampling from livestock soon controls ferns to a point where they are no longer a serious factor. It has the ability to thrive in the semi-shade of ferns and underbrush.

**TALL MEADOW OAT GRASS**

*Arrhenatherum elatius*  
*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.

**CHESS OR CHEAT**

*Bromus secalinus*  
*15 to 20 pounds per acre*

Under some conditions this annual grass of the Brome family is a splendid crop. It makes very good hay for horses, so much so that it is given preference in purchases made by the U. S. Army. Should be planted only on lands well supplied with moisture where it will reach a height of from 3 to 4 feet. For best quality hay it must be cut early, while still quite green in appearance and when the heads first appear. If allowed to become ripe the beards become objectionable.

**Other Grasses on Pages 34-35**

We can supply special Grass Seed Mixtures for any purpose on short notice.



**TALL MEADOW OAT GRASS**



## 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.

## 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.

## REED'S 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.

## 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.



TIMOTHY



RED TOP OR HERDS GRASS



A FIELD OF RYE GRASS FOR SEED

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

## 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.

## CRESTED WHEAT GRASS

*Agropyron cristatum*

10 to 15 pounds per acre

A semi-bunch grass of Russian origin that is strongly drought resistant and is now the most widely recommended pasture grass for the arid districts. It has a well developed root system which penetrates deeply and responds quickly to slight rainfall. It is palatable and nutritious and stands pasturing well, there is no danger from winter killing and the growth it makes is only limited by the amount of moisture available.

## 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.

## 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 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.



REED'S CANARY GRASS



## 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

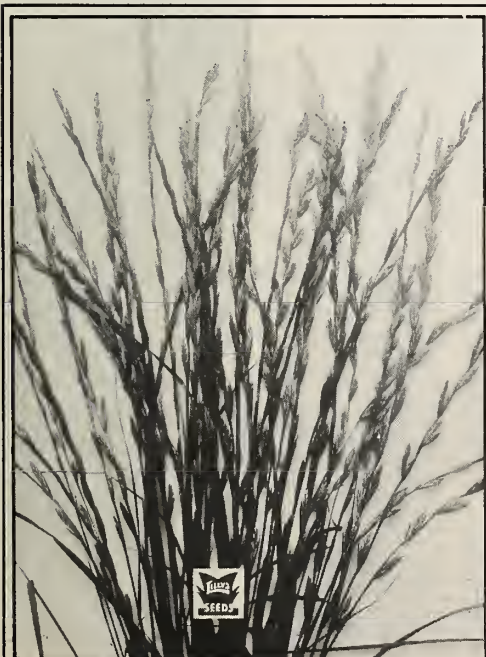
A valuable lawn and pasture grass that should have more generous recognition. It makes a fine, close-knit lawn of splendid color and succeeds well on our medium type soils. Spreads entirely by bunch expansion, has no surface or root creepers. It grows about 24 inches in height.

## DOMESTIC MIXED BENT

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.

**Bent Grasses** all require fertile soils containing much humus and an abundance of moisture in order to thrive. While they survive drought of quite long periods they never-the-less suffer greatly for it and recover slowly.



ENGLISH RYE GRASS

## 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.



ORCHARD GRASS

## KENTUCKY BLUE GRASS

*Poa pratensis*

20 to 25 pounds 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. Both the germination and early growth is slow for which reason it is best when used in mixtures.

## 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.

## 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.

## 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.

For Sudan Grass see page 30.



GOOD SEED INCREASES THE YIELD



MEADOW FESCUE





"Lilly's BEST" ALFALFA

## 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.

### STEM-ROT RESISTANT SWEET CLOVER

Western Oregon and Western Washington farmers will be interested in this strain of white blossom sweet clover which is entirely immune to stem-rot. It was developed at the Oregon Agricultural College and has been repeatedly tested on soils known to be infected and where the ordinary strain has failed and in each case it proved to be entirely immune. Only a small amount of seed is available this year.

### 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.

### GRUNDY COUNTY SWEET CLOVER

This is a white blossom strain which is nearly two weeks earlier than the ordinary sort and not quite as rank a grower. It is increasing in popularity principally on account of its earliness.

### INOCULATION FOR LEGUMES

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



ALFALFA IS AN IMPORTANT CROP ON DIVERSIFIED FARMS

## 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.

**CERTIFIED BLUE TAG CHILEAN**—A special strain of large growing common alfalfa, the seed of which is produced at a high altitude. Makes a very leafy well-branched growth, recovers quickly after cutting and has given very satisfactory results in the Pacific Coast States.

**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. The best Grimm alfalfa seed is now produced in Idaho and to assure

the consumer that he is getting the genuine article we feature the following grades, certified by the Idaho State Seed Commissioner:

**Idaho Fancy Blue Tag Grimm.** Purity 99.50% or better, sound, plump seed, free from noxious weeds, and having less than 8% discolored seeds.

**Idaho Choice Red Tag Grimm.** Purity 99.00% or better, sound, plump seed, free from noxious weeds, and having less than 13% discolored seeds.

**Idaho Yellow Tag Grimm.** Purity 97.50% or better, weight at least 59 lbs. per bushel. In this grade the State allows one per cent sweet clover and noxious (annual) weeds up to 27 per pound.

**COSSACK**—This is an exceptionally hardy alfalfa brought from Siberia. It is a heavy yielder as well as being cold and drought resistant. Very similar to Grimm but said to thrive better on the heavier types of soil. Our seed is Certified Blue Tag grade.

All the Alfalfa Seed listed here is offered with U. S. Verification as to origin.



WHITE BLOS. SWEET 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.

**ALSIKE CLOVER**

*Trifolium hybridum*  
8 to 10 pounds per acre

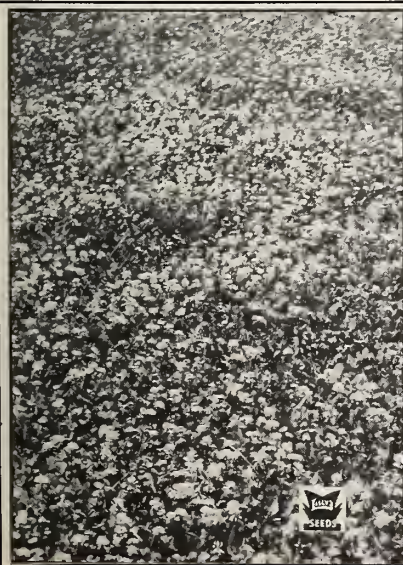
Most at home in northern latitudes or at high altitudes. It thrives best in a cool, moist climate and is used mostly in mixtures with timothy or other grasses. In such mixtures it improves the hay and increases the yield, Alsike Clover will endure overflow that would kill most crops, but is just as drought-resistant 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**.

Our **White Clover seed** is genuine imported Dutch seed, the best for Western conditions both for pastures and lawns. Fortunately you do not have to pay a premium for this seed.

**LADINO 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.

**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.

**Red Clover** when growing under good conditions is a long-lived perennial but due to the presence of Root Borers it is best to let fields remain only two years.

**ALSIKE CLOVER****A FIELD OF "LILLY'S BEST" RED CLOVER****TENNESSEE ANTHRACNOSE RESISTANT  
RED CLOVER**

A strain introduced from Tennessee, equal in every way to the local strains when grown here with the added advantage of being anthracnose resistant in the East. Farmers growing the crop for seed should plant this strain because of the active demand for this seed in the East.

**STRAWBERRY CLOVER**

*Trifolium fragiferum*  
6 to 10 pounds per acre

The most alkali tolerant of all legumes, makes a vining strawberry-like growth and reaches a height of 15 to 20 inches under favorable conditions. Adaptable only where moisture is available, and still in the experimental stage having only made a good showing in a few places. It yields seed very sparingly.

**SULLA**

*Hedysarum coronarium*  
8 to 10 pounds per acre

Sometimes called Sulla Clover this deep-rooting legume from the Mediterranean region has again come into promise in some sections. It seems to be adapted to deep, calcareous well-drained soils where moisture is more or less abundant. Makes a rank growth and while it will withstand light frosts it will not survive hard freezing weather which will probably limit its usefulness. We recommend its trial only in a limited way and believe that its chief possibility lies in its use as a soil-improving crop.



# FLOWER SEEDS

We believe people prefer good flower pictures to lengthy type descriptions. Everything listed in this section is pictured and to simplify your selection we give briefly most of the important information in the captions directly under each picture. First the Common or Catalog name is given, followed by the Botanical designation where necessary. The second line indicates the now most commonly accepted pronunciation of the name which is syllabized and an accent placed over the syllable that should be emphasized. Next is indicated whether the plant is annual, biennial or perennial following which the color is mentioned. In the

third line we indicate the principal uses for the plants or flowers.

The index on page 2 is divided into two sections: the first showing the common names used in this catalog, the second or Cross Reference Section lists some of the flowers under their botanical names to avoid confusion.

On the right hand page of each double spread we give the full botanical name and the balance of the descriptive matter that is important as well as the order number and prices.

Prices on larger bulk quantities than those given are gladly quoted on request.

## New Novelties Listed on Pages 3-4-5



**ABRONIA "Sand Verbena"**  
 Ab-roh'ni-a - Annual - Mixed Colors  
*Ground Cover, Rock Work, Hanging Baskets*



**AGERATUM "Floss Flower"**  
 Ah-jer'-ah-tum - Annual - Azure Blue  
*Color Masses, Edging, Beds and Borders*



**ANCHUSA "Alkanet"**  
 An-keu'-za - Annual - Gentian Blue  
*Cut Flowers, Color Masses, Bedding*



**ANEMONE "Wind Flower"**  
 An-em'on-nee - Perennial - Mixed Colors  
*Cut Flowers, Edging, Massing*



**ACROCLINIUM "Everlasting"**  
 Ak-roh-klyn'-i-um - Annual - Mixed  
*Winter Bouquets, Cut Flowers, Edging*



**ABRONIA**

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 ABRONIA UMBELLATA GRANDIFLORA Pkt. 10c ½ Oz. 25c**

**ACROCLINIUM**

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 ACROCLINIUM ROSEUM Pkt. 10c Oz. 30c**

**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 there is a halo at the base of the petals. Plants prefer a dry, sunny position. **No. 1236 DIMORPHOTHECA AURANTIACA, African Golden Daisy Pkt. 10c ¼ Oz. 40c**

**AGERATUM**

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 AGERATUM MEXICANUM, Little Dorrit Blue Pkt. 10c ¼ Oz. 30c**

**ANCHUSA**

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 ANCHUSA CAPENSIS Pkt. 10c ½ Oz. 25c**

**ANEMONE**

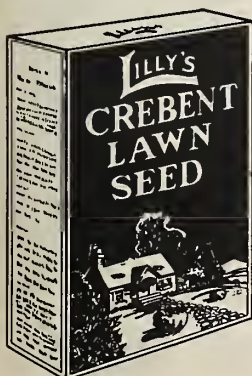
Low-growing, strong-stemmed plants with feathery foliage close to the ground. The flowers are very gay with bold contrasting markings, on 10-inch stems. They bloom early and are unexcelled for table decoration. Seed germinates slowly. Plants like partial shade. **No. 1174 ANEMONE CORONARIA Pkt. 10c ¼ Oz. 30c**

**ARABIS**

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 ARABIS ALPINA GRANDIFLORA Pkt. 10c ½ Oz. 35c**

**LAWN SEED**

It only takes a little money to buy the seed necessary to plant a good lawn compared to the cost of labor and fertilizer. A good mixture is best in the long run for most people. Not all grasses are in their prime at the same time, some are best in spring, others in summer, fall or winter so that with a mixed lawn if the mixture is properly made one variety automatically replaces another and the lawn makes a fine appearance the year round. See inside front cover.



Read About the New Novelties on Pages 3-4-5

Novelties are new things or distinct improvements on old varieties; for example, a new color, form or type possessing desirable features. If we list them you may depend on their being easy to grow.



**AFRICAN GOLDEN DAISY "Dimorphotheca"**  
Dy-mor-toi'-he-ca - Annual - Golden Orange  
Cut Flowers, Massing, Mixed Borders



**ARABIS "Rock Cross"**  
Air'-ah-bis - Perennial - White  
Rockeries, Edging, Color Masses





**SUNSHINE ASTER**

As'ter - Annual - Mixed Colors  
*Especially fine for table bouquets, by themselves or mixed*



**BLUE FLAX "Linum"**

Ly'num - Perennial - Sky Blue  
*Color Masses, Among Shrubbery, Borders*



**SINGLE ASTER**

As'ter - Annual - Mixed Colors  
*Much used by Florists for bouquets, very long-stemmed*



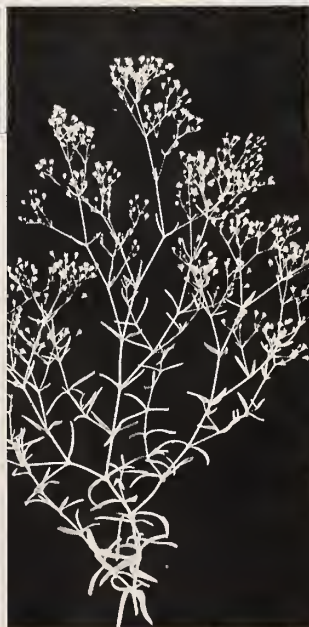
**BACHELOR'S BUTTON "Centaurea"**

Sen-tau-ree'-a - Annual - Mixed Colors  
*Cutting, Massing, Naturalizing*



**ARCTOTIS "Blue-Eyed Daisy"**

Ark-toh'-tis - Annual - Silvery White  
*Cut Flowers, Mixed Borders, Massing*



Perennial

**BABY'S BREATH "Gypsophila"**

Jip-sof'-il-a - White and Pink  
*Mixing with Boquets, Borders*

Annual





### ARCTOTIS

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**  
ARCTOTIS GRANDIS Pkt. 5c ¼ Oz. 25c

### ASTERS

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** Pkt. 10c ½ Oz. 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** Pkt. 10c 1/16 Oz. 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** Pkt. 5c ¼ Oz. 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** Pkt. 10c ¼ Oz. 40c

### LUCKY STRIKE ASTER COLLECTION

Wilt Resistant Crego Giants

A special purchase by Lilly's from the producer of five straight color varieties of the new "wilt disease" resistant strain of Crego Giants allows us to offer this special. A 15c packet each of Azure Blue—Cattleya, a fascinating orchid shade—Deep Rose—Peach Blossom, a lavender pink—and Shell Pink, all at the special price named below. These new Asters are both larger and fluffier than the old Crego Giants. This "wilt disease" resistant strain of Asters will bring this flower back to its former popularity because it is immune to wilt, even on diseased soil. Include this collection in your order. **LUCKY STRIKE ASTER COLLECTION 50c**

### BABY'S BREATH

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** Pkt. 10c Oz. 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** Pkt. 5c Oz. 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. 1228** Pkt. 10c Oz. 30c

### 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** CENTAUREA CYANUS, Bachelor's Button Pkt. 5c Oz. 25c

### 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** LINUM PERENNE, Blue Flax Pkt. 10c Oz. 40c

If you have houseplants such as ferns, etc., you will be glad to know that Morcrop Fertilizer Tablets used regularly will keep them in luxuriant growth. See inside back cover.



**ASTERS "Callistephus"**  
As'ter - Annual - Mixed Colors  
Cut Flowers, Massing, Mixed Borders



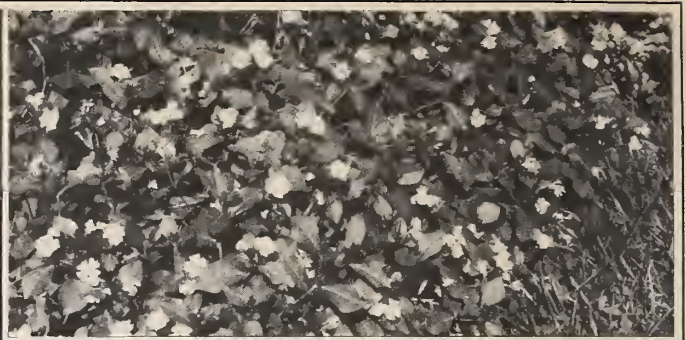
**CREGO GIANT ASTER**  
Those used in Lilly's Collection are Wilt Resistant  
Now you can grow this fine Aster without trouble





**BLUE LACE FLOWER "Didiscus"**

*Di-dis'-kus* - Annual - Blue  
*For Cutting, Massing and Mixed Borders*



**BROWALLIA "Amethyst"**

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



**BRACHYCOME "Swan River Daisy"**

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



**CANDYTUFT "Iberis"**

*Y-ber'-is* - Annual - Mixed Colors  
*Cut Flowers, Massing, Mixed Borders*



**CANNA "Indian Shot"**

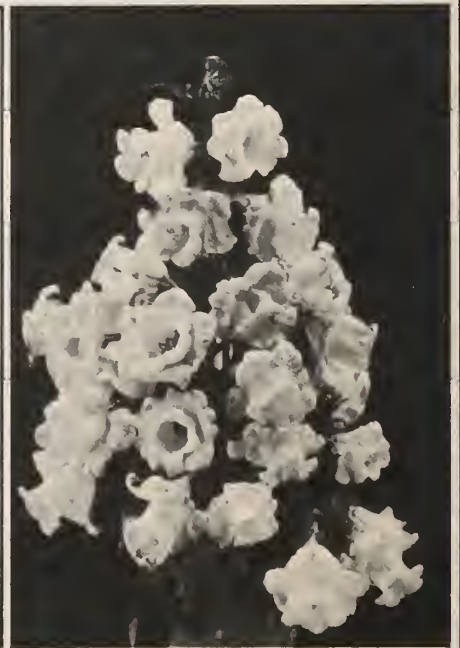
*Kan'-a* - Annual - Mixed Colors  
*Cutting, Beds, Backgrounds*



Single

**CANTERBURY BELLS "Campanula" Cup and Saucer**

*Kam-pan'-eu-la* - Biennial - Mixed  
*Beds, Mixed Borders, Cutting*





**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 DIDISCUS CAERULEA, Blue Lace Pkt. 10c ¼ Oz. 30c

**BRACHYCOME**

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 BRACHYCOME IBERIDIFOLIA Pkt. 10c ¼ Oz. 35c

**BROWALLIA**

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 BROWALLIA ELATA Pkt. 10c ¼ Oz. 35c

**CALENDULA**

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 Pkt. 5c Oz. 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 Pkt. 15c ½ Oz. 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 Pkt. 10c Oz. 35c

CALENDULA OFFICINALIS, Lemon Queen—Clean lemon yellow flowers. In every other respect it is like Orange King. No. 1212 Pkt. 10c Oz. 35c

**CALLIOPSIS**

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 CALLIOPSIS TINC-TORIA Pkt. 10c Oz. 30c

**CANDYTUFT**

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 IBERIS HYBRIDA, Candytuft Umbellata Pkt. 5c Oz. 25c

**CANNA**

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 CANNA INDICA, Crosy's Annual Hybrids Pkt. 10c ½ Oz. 35c

**CANTERBURY BELLS**

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 Pkt. 5c Oz. 40c

CAMPANULA MEDIUM CALYCANTHEMA—A Canterbury Bell with semi-double flowers, each bloom resembling a cup and saucer. No. 157 Pkt. 10c ¼ Oz. 30c

**CANARY BIRD VINE "Tropaeolum"**

Tro-pee'-o-lum - Annual - Canary Yellow  
Shade, Ornamental Screen

**CALLIOPSIS "Tickseed"**

Kali-op'-sis - Annual - Mixed Colors  
Cutting, Mixed Beds, Massing

**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 TROPAEOLUM CANARIENSE, Canary Bird Vine Pkt. 10c Oz. 40c



Radio  
New Novelty

**CALENDULA "Scotch or Pot Marigold"**

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

Double  
Flowered





**COLUMBINE "Aquilegia"**  
 Ak-wi-leej'-i-a - Perennial - Mixed Colors  
 Cutting, Bedding, Mixed Borders



**CHINESE WOOLFLOWER "Celosia"**  
 See-lo'-si-a - Annual - Red  
 Mixed Beds, Massing, Cut Flowers



**CHINESE LANTERN "Physalis"**  
 Fy'-sa-lis - Annual - Yellow  
 Winter Boquets when seed pods are red



**CELOSIA PLUMOSA "Feather Cockscomb"**  
 See-loh'-si-a - Annual - Mixed Colors  
 Massing, Cutting, Winter Bouquets

This is the  
**Golden Anniversary**  
 Year for Lilly's Seeds

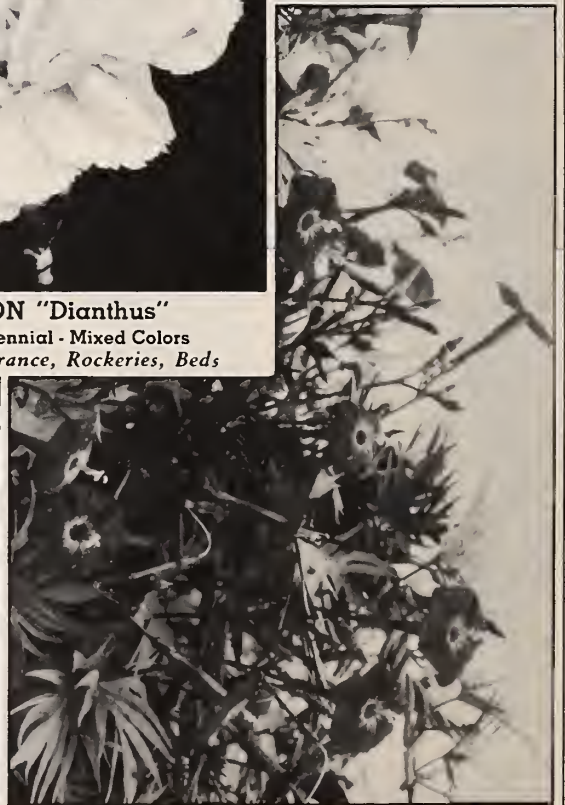


**CARNATION "Dianthus"**  
 Dy-an'-thus - Perennial - Mixed Colors  
 Cut Flowers, Fragrance, Rockeries, Beds

If you allow flowering plants to develop seeds they stop blooming. Snip off all fading flowers if you want the plants to keep on blooming. Plants look much better, too, if kept cleaned up.



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



**CARDINAL CLIMBER "Ipomoea"**  
 Ip-o-mee'-a - Annual - Cardinal Red  
 Shade, Ornamental Screen, Background



**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 IPOMOEA QUAMOCLIT HYBRIDA**, Cardinal Climber **Pkt. 10c ¼ Oz. 35c**

**CARNATION**

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 DIANTHUS CARYOPHYLLUS**, Carnation, Chabauds Everblooming **Pkt. 10c ¼ Oz. 30c**

**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 RICINUS SANGUINEUS**, Castor Bean **Pkt. 5c Oz. 20c**

**CELOSIA PLUMOSA**

Rather odd, picturesque garden plants having large, plume-like flower heads resembling ostrich feathers. Easily grown, three feet tall, can be dried for winter. **No. 119 CELOSIA PYRAMIDALIS PLUMOSA** **Pkt. 10c ½ Oz. 35c**

**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 CYNOGLOSSUM AMABILE**, Chinese Forget-Me-Not **Pkt. 5c Oz. 30c**

**CHINESE LANTERN**

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 PHYSALIS FRANCHETI**, Chinese Lantern Plant **Pkt. 10c ¼ Oz. 40c**

**CHINESE WOOLFLOWER**

A unique type of feathered 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 CELOSIA CHILDSII**, Chinese Woolflower **Pkt. 10c ½ Oz. 30c**

**CHRYSANTHEMUM**

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 CHRYSANTHEMUM CARINATUM TRICOLOR** **Pkt. 10c Oz. 40c**

**CLARKIA**

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. Aptly described as the flowering almond of the garden. **No. 1128 CLARKIA ELEGANS DOUBLE** **Pkt. 5c ½ Oz. 25c**

**COLUMBINE**

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 by all flower lovers. Especially suited for bouquets and for use among shrubbery. Likes partial shade and humus laden soil and responds generously to cultivation.

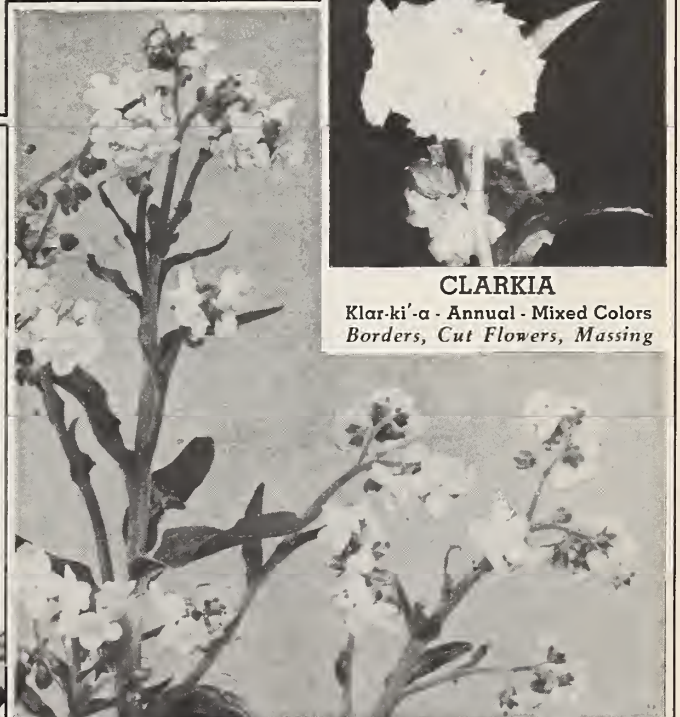
**No. 1177 AQUILEGIA**, Columbine, Long Spurred Hybrid **Pkt. 10c ½ Oz. 40c**

**CLARKIA**

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

**CASTOR BEAN "Ricinus"**

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

**CHINESE FORGET-ME-NOT "Cynoglossum"**

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





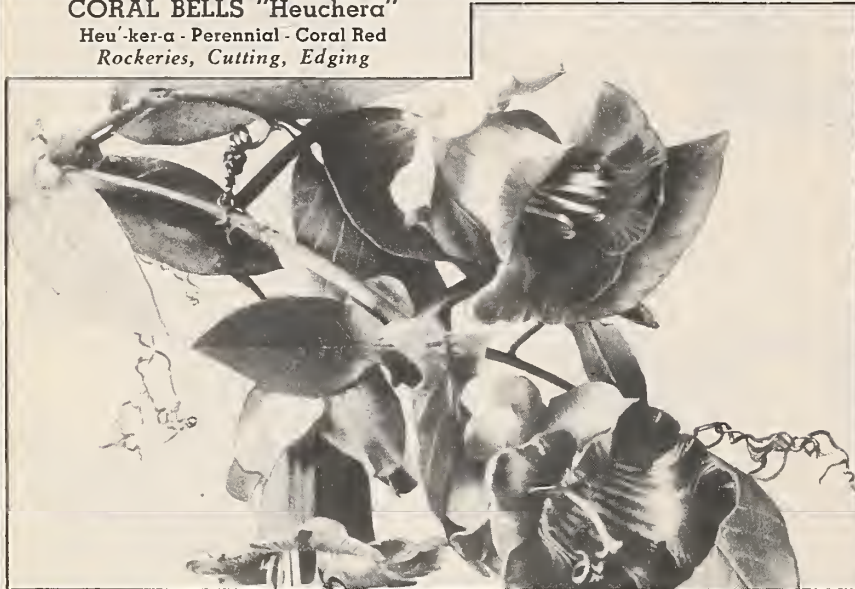
**CORAL BELLS "Heuchera"**  
Heu'-ker-a - Perennial - Coral Red  
*Rockerries, Cutting, Edging*



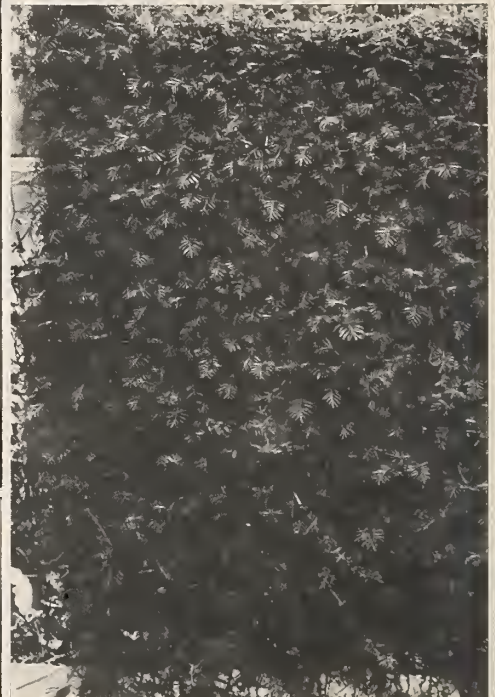
**COREOPSIS "Tickseed"**  
Kor-e-op'-sis - Perennial - Yellow  
*Cutting, Massing, Mixed Borders*



**DAHLIA**  
Dahl'-i-a - Annual - Mixed  
*Cutting, Massing, Mixed Borders*



**CUP AND SAUCER VINE "Cobaea"**  
Ko-bee'-a - Annual - Purple  
*Shade, Screen, Backgrounds*



**CYPRESS VINE "Ipomoea"**  
Ip-o-mee -a - Annual - Mixed Colors  
*Ornamental Screen, Shade, Background*



**ENGLISH DOUBLE DAISY "Bellis"**  
Bel'-lis - Perennial - Mixed Colors  
*Edging, Rockeries, Beds, Cutting*



**EVENING SCENTED STOCKS "Matthiola"**  
Mat-thi'-o-la - Annual - Pale Lilac  
*Grown Principally for Its Sweet Fragrance*



**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 HEUCHERA SANGUINEA SPLENDENS, Coral Bells Pkt. 25c 1/32 Oz. 60c**

**COREOPSIS**

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 COREOPSIS LANCEOLATA GRANDIFLORA Pkt. 10c 1/2 Oz. 35c**

**COSMOS**

**COSMEA BIPINNATA, Double Crested, Early Flowering**—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 Pkt. 15c 1/16 Oz. 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 Pkt. 5c 1/2 Oz. 25c**

**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 COBAEA SCANDENS, Cup and Saucer Vine Pkt. 10c 1/4 Oz. 35c**

**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 IPOMOEA QUAMOCLIT, Cypress Vine Pkt. 10c Oz. 40c**

**DAHLIA**

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



Crested

**COSMOS "Cosmea"**  
Kos'-mee-a - Annual - Mixed Colors  
Cutting, Massing, Backgrounds



Single

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



from the finest varieties. **No. 1203 DAHLIA VARIABILIS Pkt. 10c 1/4 Oz. 35c**

**DELPHINIUM**

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 DELPHINIUM ELATUM HYBRIDUM, BELLADONNA & BELLAMOSUM, Mixed Pkt. 10c 1/4 Oz. 40c**

**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 BELLIS PERENNIS, English Double Daisy Pkt. 10c 1/8 Oz. 25c**

**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 MATTHIOLA BICORNIS, Evening Scented Stocks Pkt. 5c Oz. 20c**

**EVERLASTING FLOWERS**

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 EVERLASTINGS, Mixed Varieties and Colors Pkt. 10c 1/2 Oz. 30c**





**FLOWERING TOBACCO "Nicotiana"**  
 Ni-koh-shi-ay'-na - Annual - Mixed Colors  
*Bedding, Fragrance*



**FORGET-ME-NOT "Myosotis"**  
 My-oh-soh'-tis - Perennial - Blue  
*Rockerries, Edging, Moist Places*



**FOUR O'CLOCK "Mirabilis"**  
 My-rab'-il-is - Annual - Mixed Colors  
*Beds, Borders, Fragrance*



Serves the dual purpose of supplying both humus and plant food. Apply 25 lbs. per 1000 sq. ft. several times each season.



**GARDEN HELIOTROPE "Valeriana"**  
 Va-lee-ri-ay'-na - Perennial - Mixed Colors  
*Cutting, Mixed Borders*



**GEUM "Avens"**  
 Gee'-um - Perennial - Mixed Colors  
*Bedding, Cutting, Mixed Borders*



**FOXGLOVE "Digitalis"**  
 Dij-i-tay'-lis - Perennial - Mixed Colors  
*Massing, Cutting, Mixed Borders*



**GERANIUM**  
 Jer-ay'-ni-um - Perennial - Mixed Colors  
*Bedding, Pot Plants, Cutting*



### 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 NICOTIANA AFFINIS HYBRIDA**, Flowering Tobacco **Pkt. 10c ½ Oz. 35c**

### 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 MYOSOTIS PALUSTRIS**, Forget-Me-Not **Pkt. 10c ½ Oz. 30c**

### 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 MIRABILIS JALAPA**, Four o'Clock **Pkt. 10c Oz. 25c**

### 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 DIGITALIS GLOXINOIDES**, Foxglove **Pkt. 10c ¼ Oz. 40c**

### GAILLARDIA

**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 Pkt. 10c ½ Oz. 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 Pkt. 5c ¼ Oz. 30c**

### 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 VALERIANA OFFICINALIS**, Garden Heliotrope **Pkt. 10c ¼ Oz. 30c**

### GERANIUM

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 GERANIUM ZONALE** **Pkt. 10c 1/16 Oz. 40c**

### 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 GEUM** **Pkt. 10c ¼ Oz. 35c**

### GODETIA

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 GODETIA**, Tall Double Azalea Flowered **Pkt. 5c ½ Oz. 35c**

Lawn Morcrop fertilizer is made for lawns only  
Makes and keeps grass green, saves water  
Apply lightly, but often with a Morcrop spreader



Below, Annual  
Double Gaillardia

**GODETIA "Satin Flower"**  
Go-dee'-shi-a - Annual - Mixed Colors  
Bedding, Cutting, Mixed Borders



**GAILLARDIA "Blanket Flower"**  
Gay-lar'-di-a - Mixed Colors  
Cutting, Massing, Mixed Borders

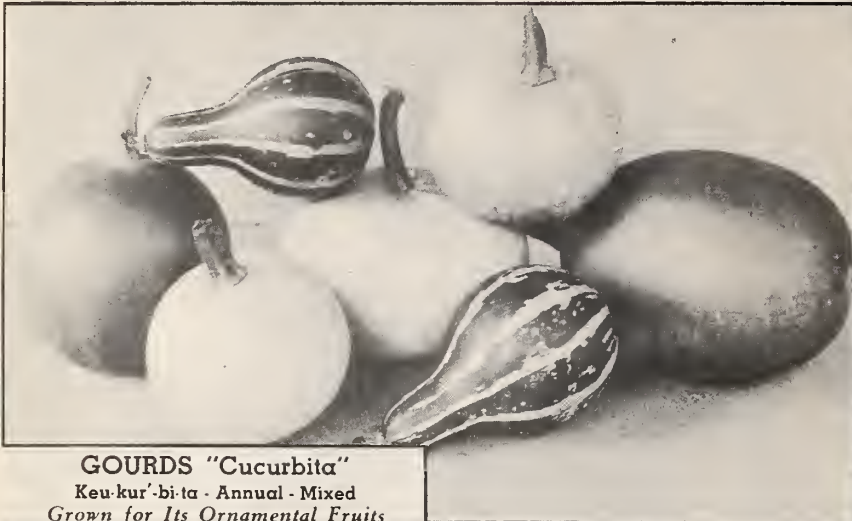




**GOLDEN ALYSSUM "Saxatile"**  
 Sax'-a-tile - Perennial - Golden Yellow  
 Rockeries, Cutting, Mixed Borders



**GOMPHRENA "Amaranth"**  
 Gom-free'-na - Annual - Mixed Colors  
 Edging, Cutting, Winter Bouquets



**GOURDS "Cucurbita"**  
 Keu-kur'-bi-ta - Annual - Mixed  
 Grown for Its Ornamental Fruits



**HELIOTROPE "Cherry Pie"**  
 Hee'-li-o-trope - Perennial - Mixed  
 Bedding, Pot Plant, Fragrance



**JACK AND THE BEANSTALK "Kudzu"**  
 Kud'-zoo - Annual - Purple  
 Shade, Screen, Trellises, Etc.



**HYACINTH BEAN "Dolichos"**  
 Dol'-i-kos - Annual - Mixed Colors  
 Shade, Screen, Arbors and Trellises



**ICE PLANT "Mesembryanthemum"**  
 Mes-em-bri-an'-the-mum - Annual - White  
 Ground Cover, Rockeries, Dry Places



## 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 ALYSSUM SAXATILE COMPACTUM**, Golden Alyssum **Pkt. 10c ¼ Oz. 30c**

## GOMPHRENA

Entirely different from every other everlasting flower. The blossoms resemble clover heads. ¾ 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 GOMPHRENA GLOBOSA** **Pkt. 10c Oz. 30c**

## GOURDS

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 CUCURBITA PEPO**, Gourds Ornamental Mixed **Pkt. 10c Oz. 25c**

## HELIOTROPE

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 HELIOTROPE** **Pkt. 10c ½ Oz. 30c**

## HOLLYHOCK

**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** **Pkt. 10c ¼ Oz. 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** **Pkt. 5c ½ Oz. 30c**

## HYACINTH BEAN

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 DOLICHOS LABLAB**, Hyacinth Bean Vine **Pkt. 10c Oz. 20c**

## ICE PLANT

A valuable plant for dry, sunny places, on banks, in the rockery, 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 MESEMBRYANTHEMUM CRYSTALLINUM**, Ice Plant **Pkt. 10c ¼ Oz. 25c**

## 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 KUDZU**, Jack and the Beanstalk **Pkt. 10c ¼ Oz. 25c**

### ANNUALS FOR CUTFLOWERS

Acroclinium	Lupin
African Golden Daisy	Marigold
Ageratum	Mignonette
Arctotis	Nasturtium
Aster	Nigella
Baby's Breath	Petunia
Blue Lace Flower	Phlox
Brachycome	Pinks
Calendula	Poppy California
Calliopsis	Poppy Shirley
Candytuft	Salpiglossis
Chrysanthemum	Scabiosa
Clarkia	Schizanthus
Cosmos	Strawflower
Gaillardia	Stocks
Gomphrena	Sweet Pea
Heliotrope	Sweet Sultan
Larkspur	Verbena



**SINGLE HOLLYHOCK**

Mixed Colors

*Blooms first year from seed*



**HOLLYHOCK "Althaea"**

Al'-thee-a - Mixed Colors

*Mixed Borders, Backgrounds, Massing*

### Flower Classification

In determining 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 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.





**JOSEPH'S COAT "Amaranthus"**  
*Am-ar-anth'-us* - Annual - Foliage Plant  
*Specimen Planting, Backgrounds, Etc.*



**LANTANA "Hybrids"**  
*Lan-ta'-na* - Perennial - Mixed  
*Massing, Cutting, Mixed Borders*



← **LOBELIA "Trailing"**  
*Loh-bee'li-a* - Annual - Blue  
*Hanging Baskets, Porch Boxes*



**LOBELIA "Dwarf"**  
*Loh-bee'li-a* - Annual - Blue  
*Edging, Massing, Specimen Planting*



**MATRICARIA "Feverfew"**  
*Mat-ri-ka'-ri-a* - Perennial - Mixed Colors  
*Mixed Borders, Massing, Cutting*



**LOVE LIES BLEEDING "Amaranthus"**  
*Am-ar-anth'-us* - Annual - Mixed  
*Specimen Planting, Color Masses, Etc.*



**LUPIN "Lupinus"**  
*Leu-py'-nus* - Annual - Mixed Colors  
*Cutting, Massing, Mixed Borders*



### 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** AMARANTHUS TRICOLOR SPLENDENS, Joseph's Coat **Pkt. 10c** ½ Oz. 25c

### 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** IMPATIENS BALSAMINA, Camelia Flowered Lady Slipper **Pkt. 5c** Oz. 25c

### LOBELIA

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 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** **Pkt. 10c** ¼ Oz. 35c

### LUPIN

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** LUPINUS HARTWEGI **Pkt. 10c** Oz. 25c



**LADY SLIPPER "Impatiens"**  
Im-pay'-shi-ens - Annual - Mixed Colors  
Specimen and Marginal Plantings

### MATRICARIA

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** MATRICARIA CAPENSIS **Pkt. 10c** ½ Oz. 40c

### 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** AMARANTHUS CAUDATUS **Pkt. 10c** Oz. 20c



**LARKSPUR "Double Stock Flowered"**  
Lark'-spur - Annual - Mixed Colors  
Cutting, Massing, Mixed Borders

### LARKSPUR

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** **Pkt. 5c** ½ Oz. 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** **Pkt. 15c** ¼ Oz. 35c

### LANTANA

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** LANTANA HYBRIDA **Pkt. 10c** ¼ Oz. 40c



**LARKSPUR "Los Angeles"**  
Delphinium Flowered Type  
Robust in Growth, Striking in Color





**MARIGOLD "Tagetes"**  
 Tah-gee'-teez - Annual - Mixed Colors  
*Massing, Cutting, Edging*



**MORNING GLORY "Ipomoea"**  
 Ip-o-mee'-a - Annual - Mixed Colors  
*Shade, Ground Cover, Arches, Trellises, Etc.*



**MONEY PLANT "Lunaria"**  
 Leu-nair'-i-a - Biennial - Purple  
*Grown for its Silver Dollar-like Seed Pods*



**MICHAELMAS DAISY "Aster"**  
 As'-ter - Perennial - Mixed Colors  
*Cutting, Specimen Clumps—Borders*



**MEXICAN FIREBUSH "Kochia"**  
 Kok'-ia - Annual - Foliage Plant  
*Specimen Planting, Hedges, Backgrounds*



**MOON FLOWER "Ipomoea"**  
 Ip-o-mee'-a - Annual - Rosy Lilac  
*Shade, Screen, Covering Trellises, Etc.*



**MIGNONETTE "Reseda"**  
 Re-see'-da - Annual - Red  
*Fragrance, Cutting, Bedding*



## MARIGOLD

TAGETES ERECTA, Marigold, Tall African—These old favorite, tree-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 Pkt. 10c ½ Oz. 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 Pkt. 5c ½ Oz. 30c**

MARIGOLD GUINEA GOLD—A new and distinct type of Marigold of graceful, pyramidal habit, 2 to 2½ feet tall, producing 30 to 40 semi-double, golden orange, carnation-like flowers 2½ inches across. "All America" 1st Gold Medal winner in 1933 and now one of the most popular garden flowers. **No. 1332 Pkt. 10c ½ Oz. 30c**

## 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 KOCHIA TRICHOLPHILLA, Mexican Firebush Pkt. 5c Oz. 20c**

## 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 flower a long time. **No. 1298 ASTER ALPINUS, Michaelmas Daisy Pkt. 10c 1/16 Oz. 30c**

## 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 RESEDA ODORATA, Sweet Mignonette Pkt. 5c Oz. 25c**

## 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 LUNARIA BIENNIS, Money Plant Pkt. 10c ½ Oz. 40c**

## MOON FLOWER

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 IPOMOEA BONA NOX, Moonflower Pkt. 10c Oz. 30c**

## 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 IPOMOEA IMPERIALIS, Japanese Giant Morning Glory Pkt. 5c Oz. 20c**

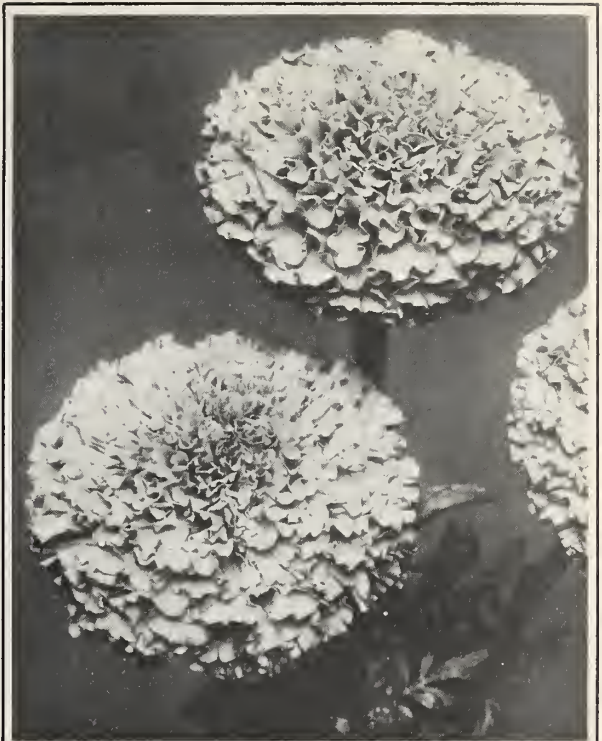
### DWARF PLANTS FOR EDGING FLOWER BEDS

Ageratum	Lobelia	Pansy
Brachycome	Marigold (French)	Sweet Alyssum
English Double Daisy	Nasturtium (Dwarf)	Viola
Forget-Me-Not	Nemesia	Virginian Stocks
Gomphrena	Nemophila	Zinnia, Pompon

### RAPID-GROWING VINES

Canary Bird Vine	Hyacinth Bean	Nasturtium (Tall)
Cardinal Climber	Jack and the Beanstalk	Scarlet Runner
Cup and Saucer Vine	Moon Flower	Sweet Peas
Cypress Vine	Morning Glory	Wild Cucumber

Flowers respond quickly to Morcrop Fertilizer



**TALL DOUBLE AFRICAN MARIGOLD**  
Annual - Mixed Orange and Yellows  
*Ideal Fall Flowers for Cutting and Garden Decoration*



**GUINEA GOLD MARIGOLD**  
The New Carnation Flowered Variety  
*Fine for Cutting, Beds and Fall Color*





**NEMOPHILA "Baby Eyes"**  
*Ne-mof'-il-a* - Annual - Mixed Colors  
*Edging, Floral Carpet Under Tall Plants*



**NEMESIA**  
*Ne-mee'-si-a* - Annual - Mixed Colors  
*Massing, Edging, Cutting*



**PERENNIAL PEAS "Lathyrus"**  
*Lath'-i-rus* - Perennial - Mixed Colors  
*Screen, Ground Cover, Cutting*



**NIGELLA "Love in a Mist"**  
*Ny-gel'-la* - Annual - Mixed Colors  
*Bedding, Specimen Planting, Seed Pods*

**Order Seeds Early**  
 Make a garden plan now and buy all the seeds you will need at once so that you have it on hand when the weather is right for gardening. Many seed crops were short last year, get yours early.



**DWARF NASTURTIUM "Tropaeolum"**  
*Tro-pee'-o-lum* - Annual - Mixed Colors  
*Very showy, free blooming, easily grown, Masses, Edging, Cutting*



**CLIMBING NASTURTIUM**  
 Mixed Colors  
*Fine for covering low fences, etc.*



## NASTURTIUM

**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 Pkt. 5c Oz. 15c ¼ Lb. 50c Lb. \$1.50**

**TROPAEOLUM LOBBIANUM**, Climbing 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 Pkt. 5c Oz. 15c ¼ 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 Pkt. 10c Oz. 35c**

## GLEAM HYBRIDS

Double Nasturtiums in Mixed Colors. Available this year for the first time. The color range is wide and well balanced, including glorious shades of salmon, golden yellow, orange scarlet, cerise, cream, maroon, crimson, etc. See page one for full description. **Pkt. 25c ¼ Oz. 60c**

## NASTURIUM COLLECTION

We offer a Special Collection of extra fine especially selected Nasturtiums, eight very colorful varieties; bright scarlet, sunflower yellow, deep crimson, terra-cotta, golden, purplish crimson, rosy scarlet, and blended especially for this offering. **AZTEC NASTURTIUM COLLECTION**—Tall or trailing sorts. **Price 50c**

## NEMESIA

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 NEMESIA STRUMOSA GRANDIFLORA Pkt. 10c 1/16 Oz. 30c**

## NEMOPHILA

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 NEMOPHILA INSIGNIS Pkt. 10c Oz. 25c**

## NIGELLA

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 NIGELLA DAMASCENA Pkt. 10c Oz. 25c**

## 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 LATHYRUS LATIFOLIUS, Perennial Peas Pkt. 10c Oz. 40c**

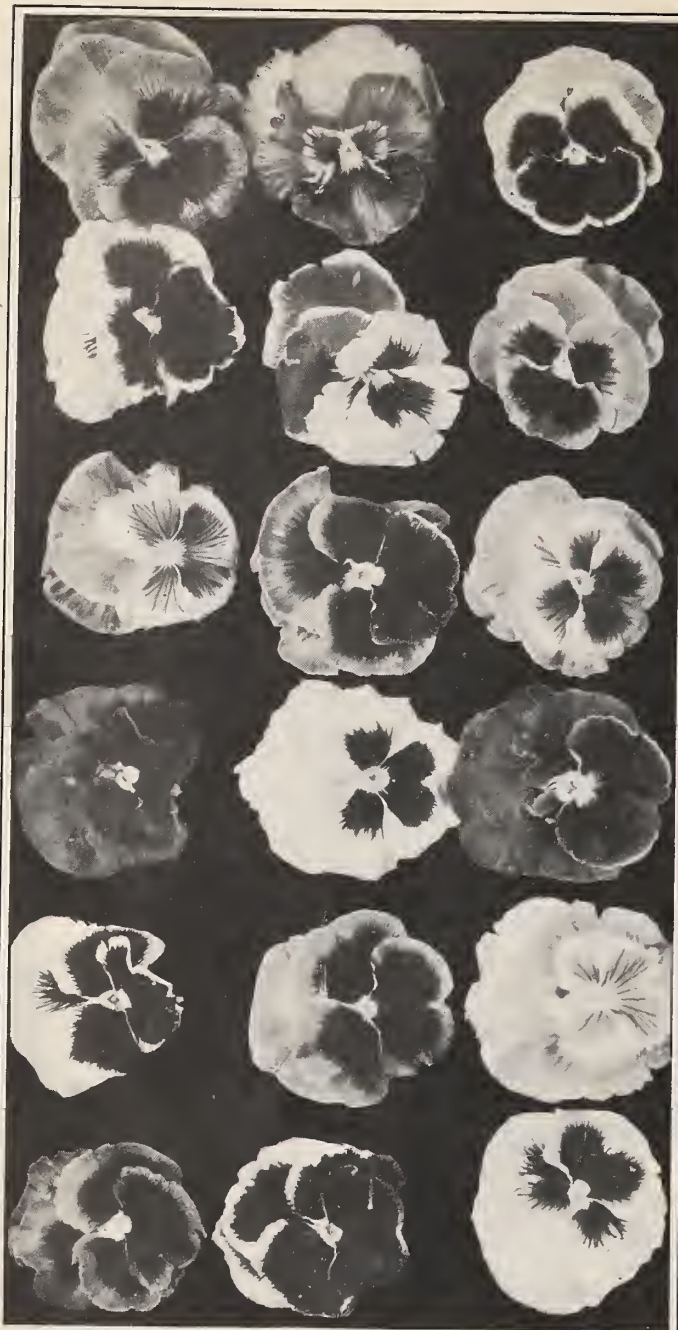
## PAINT BOOK COLLECTION

A special mixture of easily grown annual flowers for the Kiddies' garden plot. Named for Lilly's Garden Paint Book described on page 60. If you have Kiddies at your house include this packet with your seed order and get a Paint Book free. **No. 2003 PAINT BOOK COLLECTION 10c**



**DOUBLE NASTURTIUMS**  
Annual - Mixed Colors  
*The Famous Gleam Hybrids*





**STEELE'S PANSIES "Oregon Giant Mastodons"**  
*The largest, finest Pansies grown anywhere  
 Offered only as a Collection*



**GIANT FRENCH PANSY "Viola Tricolor"**  
*Vy'-o-la - Perennial - Mixed Colors  
 Bedding, Cutting, Edging*



**PETUNIA "Rose of Heaven"**  
*A deep rich carmine-rose color  
 Especially fine for Massing, and Accent points*



**SINGLE PETUNIA**  
*Pe-teu'-ni-a - Annual - Mixed Colors  
 Beds, Masses, Cutting, Window Boxes*



**PETUNIA "Ruffled Giants of California"**  
*Pe-teu'-ni-a - Annual - Mixed Colors  
 Striking flowers of immense size with unusual markings*



**PANSY**

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 Pkt. 10c 1/8 Oz. 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 Pkt. 10c 1/8 Oz. 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 Pkt. 5c 1/4 Oz. 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**

**PETUNIA**

PETUNIA, 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 Pkt. 5c 1/4 Oz. 30c**

PETUNIA, 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 Pkt. 15c 1/8 Oz. 60c**

PETUNIA, 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 Pkt. 25c 1/32 Oz. \$2.40**

PETUNIA, 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 Pkt. 25c 1/32 Oz. \$5.50**

PETUNIA 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 Pkt. 25c 1/16 Oz. \$4.25**

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

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

**PLANTS SUITABLE for WINTER BOUQUETS (Dried Flowers)**

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

Those prefixed \* are perennial.



**Lilly's COLOSSAL PANSY**  
Perennial - Mixed Colors  
*Great Size and a wide range of Colors and Markings*



**DOUBLE PETUNIAS**  
Tender Annuals - Mixed Colors  
*Mother Plants are Hand Pollenized*





**DOUBLE PINKS "Dianthus"**  
 Dy-anth'-us - Mixed Colors  
*Cutting, Fragrance, Edging, Bedding*



**ORIENTAL POPPY "Papaver"**  
 Pa-pay'-ver - Perennial - Orange-Red  
*Useful in Mixed Borders and as Specimen Plants*



**A GARDEN  
 PAINT BOOK  
 For the Children**

A sixteen-page book, each page with an outline tracing of a popular flower with full instructions for coloring with paints or crayons. Clever little verses make the book still more interesting. Makes the youngsters garden minded, keeps them busy and contented, solving the problem of giving them something instructive to do.

Free with Paint Book Collection of Flower Seeds for the Kiddies' Garden at 10 cents.



**ICELAND POPPY "Papaver Nudicaule"**  
 Pa-pay'-ver - Perennial - Mixed Colors  
*Used much for Naturalizing, Cutting, Rockeries*



**SHIRLEY POPPY "Papaver"**  
 Pa-pay'-ver - Annual - Mixed Colors  
*Bedding, Naturalizing, Mixed Borders*



**CALIFORNIA HYBRID POPPY "Eschscholtzia"**  
 E-skolt'-si-a - Annual - Mixed Colors  
*Naturalizing, Cutting, Bedding*



## PHLOX

See Pages 3-4-5 for New Novelties

**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 Pkt. 5c ¼ Oz. 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 Pkt. 10c ¼ Oz. 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 Pkt. 10c 1/16 Oz. 30c**

## PINKS

**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 2 inches across, with beautiful laciniated edges. **No. 288 Pkt. 5c Oz. 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 laciniated, the stems are long and sturdy. **No. 1150 Pkt: 10c ½ Oz. 40c**

## POPPY

**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 Pkt. 10c ½ Oz. 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 Pkt. 5c Oz. 25c**

**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 Pkt. 10c ½ Oz. 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 Pkt. 10c 1/16 Oz. 25c**

**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 Oz..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 Pkt. 5c Oz. 30c**



**PHLOX "Drummondi Grandiflora"**  
Flax - Mixed Colors  
Beds, Mixed Borders, Cutting, Massing



**SINGLE PINKS**  
Hardy Annuals - Mixed Colors and Markings  
Much improved over the old-fashioned sorts





**PORTULACA "Rose Moss"**  
Por-tu-lak'-a - Annual - Mixed Colors  
*Ground Cover, Rockeries, Dry Places*



**PRIMROSE "Primula"**  
Prim'-eu-la - Perennial - Mixed Colors  
*Rockeries, Perennial Borders, Edging*



**RED HOT POKER "Tritoma"**  
Tri-toh'-ma - Perennial - Mixed  
*Mixed Borders, Specimen Planting, Etc.*



**RHODANTHE "Everlasting"**  
Ro-dan'-thee - Annual - Mixed Colors  
*Winter Bouquets, Edging, Beds*

**GARDEN GUIDE FREE**  
Send in four empty Lilly's Seed Packets as instructed on the back of the packets for a free 80-page garden guide on Flowers and Vegetables. Contains planting charts and complete instructions and is illustrated so you can understand it.



**SCARLET FLAX "Linum"**  
Ly'-num - Annual - Scarlet  
*Color Masses, Marginal Planting*



**PYRETHRUM "Painted Daisy"**  
Py-ree'-thrum - Perennial - Mixed Colors  
*Cutting, Mixed Borders, Massing*



**SALVIA "Scarlet Sage"**  
Sal'-vi-a - Perennial - Scarlet  
*Massing, Mixed Beds, Cutting*



## PORTULACA

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 PORTULACA GRANDIFLORA**, Single Pkt. 10c ¼ Oz. 25c

## 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 PRIMULA VERIS**, Polyanthus Primrose Pkt. 10c 1/32 Oz. 25c

## RHODANTHE

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 RHODANTHE MACULATA** Pkt. 10c ½ Oz. 30c

## SALPIGLOSSIS

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 SALPIGLOSSIS VARIABILIS SUPERBISSIMA** Pkt. 5c ¼ Oz. 35c

## SALVIA

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 SALVIA SPLENDENS**, Early Flowering Pkt. 10c ¼ Oz. 40c

## SCABIOSA

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 SCABIOSA GRANDIFLORA**, Tall Double Pkt. 5c ½ Oz. 30c

## 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 LINUM GRANDIFLORUM RUBRUM**, Scarlet Flax Pkt. 10c Oz. 25c

### Cultivate Often

Cultivating the soil makes plant food available, conserves moisture and destroys weeds and pests.



**SCABIOSA "Mourning Bride"**  
Ska-bi-oh'-sa - Annual - Mixed Colors  
Cutting, Beds, Mixed Borders

## PYRETHRUM

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 PYRETHRUM ROSEUM HYBRIDUM** Pkt. 10c ¼ Oz. 30c

## 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 TRITOMA HYBRIDA**, Red Hot Poker Pkt. 10c ¼ Oz. 40c

## SCARLET RUNNER

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 PHASEOLUS MULTIFLORUS**, Scarlet Runner Bean Pkt. 5c ½ Lb. 25c Lb. 45c

### DROUGHT RESISTING ANNUALS

These bloom fairly well without much moisture once the plants are well established. Abronia—African Golden Daisy—Ageratum—Arctotis—Bachelor's Button—Brachycome—Browallia—Calendula—Galliopsis—Candytuft—Chinese Forgetmenot—Cosmos—Four O'Clock—Gaillardia—Hollyhock—Ice Plant—Larkspur—Marigold—Petunia—Pinks—Portulaca—Scabiosa—Snow on the Mountain—Verbena—Zinnia.

The best rule for depth in planting seeds is to cover them five times their smallest diameter in light soil but only three times this diameter in heavy soil.



**SCARLET RUNNER "Phaseolus"**  
Fa-see'-o-lus - Annual - Scarlet  
Shade, Arbors, Trellises, Food



**SALPIGLOSSIS "Painted Tongue"**  
Sal-pi-glos'-sis - Annual - Mixed  
Cutting, Mixed Borders, Beds





**SHASTA DAISY "Chrysanthemum"**  
*Kris-an'-the-mum - Perennial - White*  
*Cutting, Borders, Specimen Planting*



**STATICE "Thrift"**  
*Stat'-i-see - Perennial - Mixed*  
*Winter Bouquets, Cutting*



**STRAWFLOWER "Helichrysum"**  
*Hel-i-kris'-um - Annual - Mixed Colors*  
*Winter Bouquets, Beds, Borders*



**SNOW ON THE MOUNTAIN "Euphorbia"**  
*Eu-for'-bi-a - Annual - White*  
*White Masses, Ornamental Foliage*



**SIBERIAN WALLFLOWER "Cheiranthus"**  
*Ky-ran-th'-us - Perennial - Orange*  
*Color Masses, Edging, Cutting*



**SUNFLOWER "Helianthus"**  
*Hee-li-an'-thus - Annual - Yellow*  
*Backgrounds, Screen, Seed Heads*



Large  
Flowering



**STOCKS "Matthiola"**  
*Mat-thy'-o-la - Annual - Mixed Colors*  
*Beds, Cutting, Marginal Planting*

Ten  
Weeks



**SCHIZANTHUS**

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 SCHIZANTHUS HYBRIDUS GRANDIFLORUS Pkt. 10c ¼ Oz. 25c**

**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 CHRYSANTHEMUM MAXIMUM, Shasta Daisy Pkt. 10c ¼ Oz. 35c**

**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 CHEIRANTHUS ALIOLI, Siberian Wallflower Pkt. 10c Oz. 35c**

**SNAPDRAGON**

**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 Pkt. 5c ¼ Oz. 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 Pkt. 10c ¼ Oz. 25c**

**STRAWFLOWER**

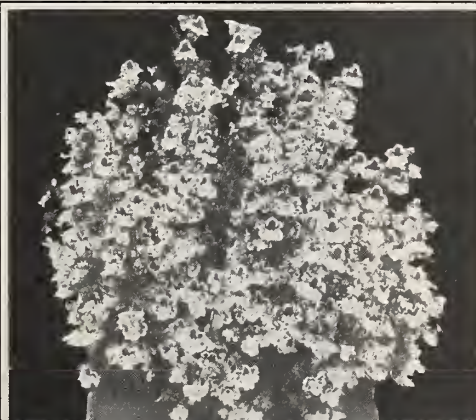
The most popular flower for drying and a very satisfactory garden plant. Blooms come in a wide range of pleasing colors, are densely double and have very stiff and straw-like petals. Plants branch freely and reach a height of 4 feet. **No. 1116 HELICHRYSUM MONSTROSUM, Strawflower Pkt. 5c ½ Oz. 35c**

**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 HELIANTHUS, Mammoth Russian, Sunflower Pkt. 5c Lb. 25c**

**PLANTS FOR PARTIAL SHADE**

- Anemone
- Blue Flax
- Canterbury Bells
- Columbine
- Coreopsis
- Delphinium
- English Double Daisy
- Forget-me-not
- Foxglove
- Matricaria
- Pansy
- Poppy Oriental
- Poppy Iceland
- Primrose
- Scarlet Flax
- Schizanthus
- Snapdragon
- Viola
- Violet



**SCHIZANTHUS "Butterfly Flower"**  
Skiz-an'-thus - Annual - Mixed Colors  
Bedding, Cutting, Pot Plants

Remember that fertility is of little value if the physical condition of your garden soil is not conducive to good plant growth. Gardens must be kept in good tilth or mechanical condition.

**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 EUPHORBIA VARIEGATA, Snow on the Mountain Pkt. 10c Oz. 35c**

**STATICE**

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 STATICE LATIFOLIA Pkt. 10c ½ Oz. 35c**

**STOCKS**

**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 Pkt. 10c ¼ Oz. 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 Pkt. 15c ¼ Oz. 50c**



**SNAPDRAGON**  
Dwf. Bedding Above  
Tall Below



**SNAPDRAGON "Antirrhinum"**  
An-tir-ry'-num - Perennial - Mixed  
Borders, Beds, Cutting, Edging



## EARLY FLOWERING SWEET PEAS

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. The Spencer variety listed on the opposite page are however recommended as being much more satisfactory for general outdoor planting in cool regions.



FLUFFY RUFFLED SWEET PEA

### Lilly'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. The collection has a total value of 70c and each variety is unexcelled in its color class. The price 50c

### 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. No. 1331 FLUFFY RUFFLED MIXED SWEET PEAS Packet 15c

#### CREAM

No. 1268 CANARY BIRD—Lovely, showy, large, deep-cream or Primrose-colored flowers arranged in fours on long stems. Pkt. 10c Oz. 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. Pkt. 10c Oz. 50c

#### CREAM PINK

No. 1320 SPRING SONG—Elegantly waved and frilled blooms of a charming rich cream-pink color. Always long stemmed. Pkt. 10c Oz. 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. Pkt. 10c Oz. 50c

#### ORANGE

No. 1317 BURPEE'S ORANGE—A clear pure orange self. It is most outstanding in every way. Pkt. 10c Oz. 50c

#### MIXED

No. 1279 SUNRISE MIXTURE—A complete blend of all colors. Pkt. 10c ½ Oz. 25c Oz. 40c ¼ Lb. \$1.20 Lb. \$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. Pkt. 10c Oz. 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. Pkt. 10c Oz. 50c

#### CERISE

No. 1314 ILLUMINATION—Glowing salmon-cerise, blooms with a suffusion of bright orange. A wonderful, appealing color. Long-stemmed sprays with 4 artistic flowers. Pkt. 10c Oz. 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. Pkt. 10c Oz. 50c

#### LAVENDER

No. 1316 PRINCESS—A lovely shade of soft lavender with an elusive sheen of mauve. Large and well waved. Pkt. 10c Oz. 50c

#### BLUE

No. 1313 BLUE BIRD—This magnificent color is always greatly admired for its richness and purity. Pkt. 10c Oz. 50c



EARLY FLOWERING SWEET PEA



## GIANT SPENCER SWEET PEAS

## WHITE

No. 1324 GIANT WHITE — We consider this the best black-seeded white variety. Of graceful form and pure color. Pkt. 10c Oz. 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. Pkt. 5c Oz. 25c

## CREAM

No. 1227 FLORDALE FAIRY — The long-stemmed sprays carry four blooms each. A lovely fine old ivory tint. Pkt. 5c Oz. 30c

## LIGHT PINK

No. 1329 SUPREME—This ranks as one of the finest clear pinks. It is a soft, exquisite, delicate color. Pkt. 10c Oz. 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 on a fine long stem. Pkt. 10c Oz. 30c

## CREAM PINK

No. 1230 MARY PICKFORD — Dainty and charming sprays of bright cream-pink blooms suffused with salmon. Pkt. 5c Oz. 25c

No. 1328 MISS CALIFORNIA—An artistic tone of cream-pink with a hue of salmon, a wonderful color combination. Pkt. 10c Oz. 30c

## SALMON

No. 1194 BARBARA — Glistening pure salmon blooms of exquisite texture. The color is best if slightly shaded. Pkt. 10c Oz. 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. Strong growing and free blooming. Pkt. 10c Oz. 30c

## SCARLET CERISE

No. 1323 FIRE—The name suggests the burning color of this new fine variety, scintillating flaming scarlet-cerise-red. Pkt. 10c Oz. 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. Pkt. 10c Oz. 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. Pkt. 5c Oz. 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. Pkt. 10c Oz. 30c

## CRIMSON

No. 1225 CRIMSON KING—In our opinion this is the finest of all true crimson-colored Sweet Peas. Pkt. 5c Oz. 25c

## ROSE

No. 1189 SUNSET—Dark rich rose with a distinct halo of luminous yellow toward the base of the standard. Pkt. 10c Oz. 30c

## LAVENDER

No. 1232 POWERSCOURT—Many gardeners' choice as the best pure lavender of medium color intensity. Pkt. 5c Oz. 25c

No. 1276 WEMBLEY—This distinguishes itself from other lavers by its silvery plumbago sheen. Pkt. 10c Oz. 30c

## LIGHT BLUE

No. 1325 GLEN EAGLES—Beautiful light silvery blue flowers arranged in fours on a fine long and strong stem. Pkt. 10c Oz. 30c

## BLUE

No. 1228 FORDHOOK BLUE — A charming rich azure or light violet-blue color. It has color, size, and vigor. Pkt. 5c Oz. 25c

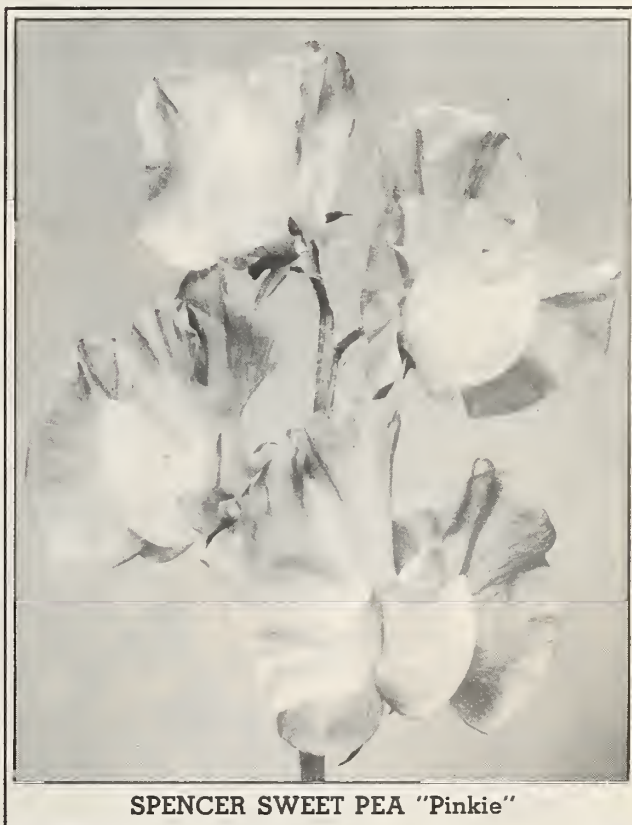
## PICOTEE

No. 1330 YOUTH—This outstanding variety shows a beautiful pink picotee edge on a pure white ground. Pkt. 10c Oz. 30c

## SWEET PEA CULTURE

It should be remembered that Sweet Peas require cool, moist weather during their early growth and a rich humus laden soil and that perfection is reached only where these requisites are supplied. Plant the seeds early, they will stand fall or midwinter planting. See to it that the soil is fertile and contains much humus from decayed sod, leaves, lawn clippings, peat moss, etc., dug in to a depth of 1½ to 2 feet.

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. They are the Giant Spencer or Orchid-flowering type sometimes called summer blooming. All the Sweet Pea seed listed is grown by Burpee.



SPENCER SWEET PEA "Pinkie"

## Lilly's SPECIAL MIXED

No. 1007 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, longstemmed flower-sprays for cutting. Pkt. 5c Oz. 25c · ¼ Lb. 75c Lb. \$2.25

## Lilly's SPENCER SWEET PEA 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





**SWEET LAVENDER "Lavandula"**  
Lah-van'-deu-la - Perennial - Lavender  
Fragrance, Drying, Cut Flowers



**WILD CUCUMBER "Echinocystis"**  
E-ky-noh-sis'-tis - Annual - White  
Shade, Covering Arbors and Trellises



**VERBENA**  
Vur-bee'-na - Annual - Mixed Colors  
Cutting, Ground Cover, Beds, Fragrance



**SWEET WILLIAM "Dianthus"**  
Dy-an'-thus - Perennial - Mixed Colors  
Cutting, Massing, Mixed Borders



**VIOLET "Viola Odorata"**  
Vy'-o-la - Perennial - Violet  
Beds, Edging, Cutting



**VIOLA "Tufted Pansies"**  
Vy'-o-la - Perennial - Mixed Colors  
Rockeries, Edging, Cutting



**WALLFLOWER "Cheiranthus"**  
Ky-ran-th'-us - Perennial - Mixed  
Beds, Cutting, Fragrance



**SWEET ALYSSUM**  
Al-is'-um - Annual - White  
Edging, Beds, Floral Carpet



### 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** ALYSSUM COMPACTUM RECTUM, Little Gem **Pkt. 5c Oz. 40c**

### 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** LAVANDULA VERA, Sweet Lavender **Pkt. 10c Oz. 35c**

### 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** CENTAUREA IMPERIALIS, Sweet Sultan **Pkt. 5c ½ Oz. 40c**

### 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** DIANTHUS BARBATUS, Single Sweet William **Pkt. 10c Oz. 25c**

This sort produces fine, large heads of double flowers. The plants are robust and very prolific. The colors are extremely varied. **No. 27** DIANTHUS BARBATUS, Double Sweet William **Pkt. 10c ½ Oz. 35c**

### VERBENA

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** VERBENA HYBRIDA GRANDIFLORA **Pkt. 10c ¼ Oz. 30c**

### VIOLA

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** VIOLA CORNUTA **Pkt. 10c ¼ Oz. 35c**

### 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** VIOLA ODORATA, Large, Single Violet. **Pkt. 10c 1/16 30c**

### 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** MALCOMIA, Virginia Stocks **Pkt. 10c Oz. 30c**

### 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** CHEIRANTHUS CHEIRI, Single Wallflower **Pkt. 10c Oz. 40c**

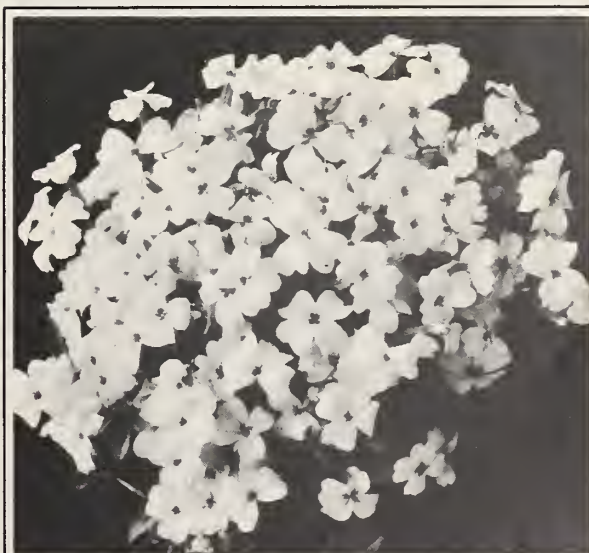


**SWEET SULTAN "Centaurea"**  
Sen-tau-ree'-a - Annual - Mixed Colors  
Cut Flowers, Massing, Fragrance

### 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** ECHINO CYSTIS LOBATA, Wild Cucumber **Pkt. 10c ½ Oz. 30c**

Peat Moss is the best commercial form of Garden Humus. Read about it on page 72.



**VIRGINIAN STOCKS "Malcomia"**  
Mal-coh'-mi-a - Annual - Mixed Colors  
Edging, Beds, Cutting, Floral Carpet





**WISTARIA**

Wis-tair'-i-a - Perennial - Mixed Colors  
*Specimen Planting, Shade*



**XERANTHEMUM "Immortelle"**

Zer-an'-thee-mum - Annual - Mixed Colors  
*Beds, Cutting, Winter Bouquets*



**DOUBLE GIANT ZINNIA**

Zin'-ni-a - Annual - Mixed Colors  
*Very showy in the garden and unusually fine for Cutting*



**POMPON OR LILLIPUT ZINNIA**

Mixed Colors - Very Desirable  
*Their tiny size adapts them for Cutting*



**QUILLED OR CACTUS FLOWERED ZINNIA**

Mixed both in Color and Form  
*For making unusual bouquets and garden display*



**HUMUS FOR YOUR GARDEN**

The most important material in garden soil is humus. It holds moisture and helps to make plant food available. Peat moss is the cheapest and most satisfactory commercial material.



## 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 Pkt. 5c ½ Oz. 15c Oz. 25c ¼ Lb. 75c Lb. \$2.25**

## WISTARIA

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 WISTARIA SINESIS Pkt. 10c ½ Oz. 40c**

## XERANTHEMUM

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 XERANTHEMUM ANNUUM Pkt. 10c ¼ Oz. 25c**

## TALL MIXED ZINNIAS

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 ZINNIA, Tall Large Flowered Mixed. Pkt. 5c ¼ Oz. 35c**

## POMPON ZINNIAS

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. **No. 1310 ZINNIA, LILLIPUT, Double Pompon, Mixed Pkt. 10c ¼ Oz. 30c**

## CACTUS ZINNIAS

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. Mixed colors. **No. 1164 ZINNIA PLENISSIMA, Quilled or Cactus Flowered. Pkt. 10c ¼ Oz. 35c**

## DOUBLE GIANT ZINNIAS

A choice mixture of the finest and most brilliant colors, 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. **No. 933 ZINNIA ROBUSTA, Double Giant Mixed Pkt. 10c ¼ Oz. 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 **Pkt. 10c ¼ Oz. 25c**

## DAHLIA FLOWERED ZINNIAS

A flower of exceptional merit, now world-famous. In formation the broad petals are closely imbricated and double,

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 DAHLIA FLOWERED ZINNIAS, Gold Medal Strain. Pkt. 10c ¼ Oz. 35c**

**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.

Any above variety **Pkt. 15c ¼ Oz. 55c**

## GOLD MEDAL ZINNIA COLLECTION

### BODGER'S DAHLIA FLOWERED STRAIN

If you want a riotous mixture of gay and unusual Zinnia colors you can certainly get it from this collection. By special arrangement Bodger was induced to blend many colors into this mixture which are yet too rare to be sold as distinct colors. All are of enormous size and of the most perfect type, the seed being selected only from the most vigorous free-flowering plants. All of the varieties listed above are also included. **Price 50c**



**DAHLIA FLOWERED ZINNIA**  
 Bodger's Gold Medal Strain  
*The Finest and Largest Zinnias Grown*



# SWEDISH PEAT MOSS FOR YOUR GARDEN

Beautiful gardens and lawns are easy to make with **Swedish Peat Moss**. It is a great aid in properly conditioning any type of soil. Then too, because it is light, fluffy and porous, it absorbs as much as 13½ parts of water per part of peat moss. Consequently it retains soil moisture for a much longer period of time, keeping your garden and lawn fresh and green.



**Swedish Peat Moss** has many advantages that will save you money, time in application, and produce better results. Every bale is vacuum cleaned, thus eliminating excessive dust, fiber

and foreign material. **Swedish Peat Moss'** higher water-absorbing capacity improves your garden and at the same time cuts your water bill because it keeps the



soil moist longer. It shreds easily from the bale and is ready for immediate use. It does not cake and does not require breaking, grinding or shredding. **Swedish Peat Moss** contains more bushels per standard bale, giving you more for your money. Leading authorities state that the saving on water consumption alone more than pays for the cost of the Peat Moss.

**Swedish Peat Moss** may be used in the planting of any type of flowers in your garden. Mix it thoroughly in the top three or four inches of the soil when setting out the plants and then use it as a mulch for the remainder of the season. For seed beds or when planting seeds in flats, cover the ground for about ½ to ¼ inch.

For sandy soils **Swedish Peat Moss** holds the moisture that is so essential. In hard, tight soils it tends to loosen up the ground and aids the plants to get a firmer rooting. It stores the essential chemical elements so vital to plant life where the roots can get at them and thus get full benefit from the plant food you make available. As a mulch it conserves the moisture content of the soil and has the added advantage of practically eliminating the weeding and cultivating operations.

Every Bale of  
**Swedish Peat Moss**  
Is Thoroughly  
Inspected



Insist that Every  
Package Has This  
Swedish Seal of  
Quality On It



Again we wish to urge you to make your purchases of Seeds early this season. The extended drought of 1934 resulted in a much smaller crop of seeds in many instances with the usual result that when the good lots of seed are sold it will probably be necessary to serve late comers with lower quality stocks.

See Page TWO for Index

# MAKE OUR STORE YOUR GARDEN HEADQUARTERS

We aim to have a complete stock and a wide selection of gardeners supplies and will appreciate your coming in and looking over our offerings. We will gladly get for you anything we do not happen to have. Our service to you is limited only by our knowledge of your requirements and our purpose is to offer you only the best values. In addition to Lilly's Seeds and Morcrop Fertilizer we have many other standard lines of merchandise that enjoy an equally high measure of public confidence.

## PREVENT ROOT MAGGOTS ON YOUR VEGETABLES

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 Lilly's Maggotbait 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. Maggotbait is a preventative not a cure and has as its active property an odor which serves as a repellent to the fly responsible for Root Maggots which are hatched from eggs deposited by the parent fly at the time the plants first break through the ground. **Trial Package 10c 1-Pound Carton 25c 25-Pound Bag \$2.25**



## 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. **Pkt. 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. **Pkt. 10c**

**BAVARIAN BIRD SEED**—A mixture of first quality seed, fine for Roller Canaries. Packed in a pour spout carton. **Pkt. (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. **Pkt. 10c**

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

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

We also have Cuttlebone, Niger, Maw, and all varieties of seeds for birds.

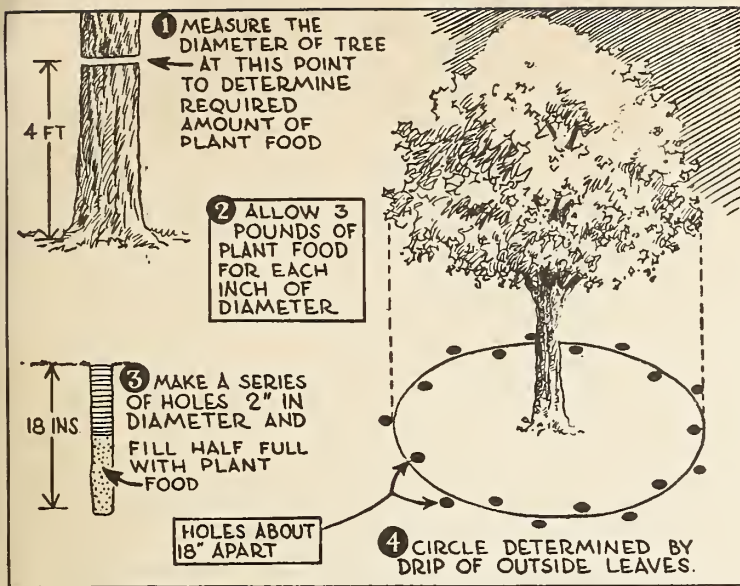




# PLANT FOOD

Combining the knowledge of exactly what is required in the way of plant foods for your crops with the correct use of them as to time and manner of application is now possible even for the small gardener, for a system of soil diagnosis has been developed by the scientists of the Michigan Agricultural College, so that the deficiencies of Nitrogen, Phosphorous, Potash, Lime, Iron, Manganese, etc., can be accurately determined by chemical analysis. This test is very inexpensive and its accuracy depends mostly on the soil chemist's ability to properly diagnose the results of the test and his knowledge of the foods required by the various crops. The manufacturers of Morcrop Fertilizers are glad to have their chemist make such tests free for users of Morcrop.

The elements most likely to be lacking in garden soils are Nitrogen, Phosphates and Potash and these are supplied in their most desirable forms in Morcrop Fertilizers of which there are several different kinds. Elements of lesser importance like Lime, Sulphur, Iron, etc., are also contained in Morcrop and only occasionally need be considered separately.



When fertilizing trees and shrubs you can save time and work by following the above suggestions. Use MORCROP.

## FLOWER GARDENS

Nothing else will produce for you such substantial sustained growth in your flower garden as Garden Morcrop. It combines all the desired essentials and meets all the requirements of the modern scientific garden plant food. Serves both as a fertilizer and a compost, supplying more units of plant food (properly balanced and available) and organic matter (moisture retaining material) than any other complete fertilizer now offered. Saves water bills and reduces labor because less cultivation is necessary. Use it this year and have a garden every one will admire. Packed in 35c and 65c cartons and in 25 lb., 50 lb. and 100 lb. sacks.



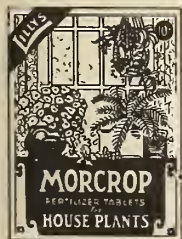
## ROW CROPS

For general farm and garden use where frequent cultivation is practiced to conserve soil moisture Lux Morcrop supplies every need. High enough in nitrogen to produce a vigorous growth and properly balanced as to phosphates and potash to provide the substance to carry crops to maturity. If your potatoes have been small, your berries inclined to be seedy, and your truck or vegetable crops have lacked that punch along toward the end of the season, which you know is necessary to get the finest quality, then you should begin using Lux Morcrop. Packed in 25 lb., 50 lb. and 100 lb. bags, it is rich in plant food, containing 5% nitrogen, 6% phosphates and 8% potash, and is prepared in perfect mechanical condition so that it feeds readily thru any type of fertilizer distributor.



When feeding plants spread MORCROP around each plant as shown. Work it into the soil, and water freely.

## HOUSE PLANTS



The great convenience of odorless, quickly available fertilizer in handy tablet form for house plants is appreciated by many a housewife. Morcrop Tablets are

packed in 10c, 25c and \$1.00 sizes and are useful for fertilizing window boxes, pool plants, etc.

To make soil tests properly requires not only an outfit and a thorough knowledge of soil chemistry but a practical understanding of crop requirements and soil deficiencies.

There is a  
**MORCROP FERTILIZER**  
for every crop requirement





BODGER'S NEW DOUBLE  
NASTURTIUMS. SEE PAGE 1



1885 GOLDEN ANNIVERSARY 1935



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