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# Aristocratic SEEDS



*Spring  
Catalog  
1940*

**DIANTHUS  
LACINIATUS  
SPLENDENS**

1538. Something for the rock garden that blooms all summer? Something for a different, more colorful border? An unusual cut flower? This charming little *Dianthus* answers all the above questions perfectly.

Plants are dwarf and bushy, seldom over 8 in. high; flowers measure up to 2 inches in diameter, are borne on 5- to 6-inch stems and as many as two dozen are open at the same time. Color is a brilliant crimson, with a large, white eye and each petal is edged with white. Strongly sweet scented and bloom almost continuously well into October. Start indoors or sow outdoors as early as the ground can be worked. Pkt., 25c; 5 pkts., \$1.00.

**BECKERT SEED & BULB CO.**  
PHONE ATLANTIC 1129  
502 LIBERTY AVE. PITTSBURGH, PA.

# New Flower Varieties

## THAT WILL ADD SPARKLE TO YOUR GARDEN



Ageratum, Midget Blue

### PETUNIA, Nana Compacta Violet Blue

2485. A grand new color in the Nana Compacta group. Rich violet with bright blue cast, about as near to a true dark blue Petunia as we have seen. Plants are uniformly compact in growth with fine dark foliage nearly covered with flowers. Pkt., 25c; 5 for \$1.00.

### PETUNIA

#### Miniature Betsy Ross

2486. We know this superb Petunia will be welcomed by all who have seen or grown Martha Washington. Plants scarcely 10 in. high branching to form a ball effect. Flowers are medium size, about 2½ inches in diameter and well ruffled. The coloring is most distinctive and charming, alternate stripes of white and red with deep red open throats. A suitable subject for borders or window boxes. Pkt., 50c.



Doronicum Caucasicum

### AGERATUM, Midget Blue

577. Awarded the Silver Medal in All-America Trials last year (seed was short and could not be offered for sale) and first in the list of awards this year. Plants are very dwarf, seldom over 3 inches high. Foliage is much smaller than is usual for Ageratum and is practically covered by a succession of small true Ageratum-blue flowers. This is really the first Ageratum that grows uniformly dwarf from seed making it ideal for edging or window boxes. Pkt., 25c; 5 for \$1.00.

### AGERATUM, Fairy Pink

572. Until the advent of this charming pink Ageratum, pink flowers for edging or border were hard to find. Plants are very dwarf and compact, scarcely exceeding 6 inches in height when full grown. They commence to bloom when only 2 inches high and continue until heavy frost. Flowers are a delightful soft salmon-rose-pink, a very unusual and pleasing shade. Pkt., 25c.



Single Chinese Aster

### Single Chinese Aster

With a charm all their own the single Asters make ideal cut flowers. Plants are well branched and about 2 feet high; flowers are 2½ to 3 inches in diameter, with flat petals, closely placed.

854 Carmine-Rose. 855 Bright Scarlet.

852 Dark Blue. 853 Light Blue.

Each, Pkt., 15c; 4 pkts., 50c.

### DORONICUM, Caucasicum PH

1583. An ideal hardy perennial to plant with Darwin Tulips, as it blooms at the same time, yielding a wealth of yellow daisy-like blooms on long stems. Foliage is heart shaped, leathery and dark green; plants dwarf and mound shaped, bearing flowers well above the foliage. Pkt., 50c.

### BALSAM, Dwarf Double Torch

960. Not since the introduction of Guinea Gold Marigold in 1933 have we been so enthusiastic about a flower as we are about this charming Balsam. Scarcely 10 inches high, it is literally smothered with vivid vermilion, roselike blooms, and best of all it is not one of those particular flowers; it grows equally well in full sun or partial shade, may be started indoors early or sown out-of-doors in May and even at date of writing this, October 20th, is still in bloom. Truly a flower for every garden. Pkt., 25c; 5 for \$1.00.

Balsam



# 1940 FLOWER NOVELTIES

## **Aquilegia, Long-Spurred, Crimson Star**

737. The most striking Columbine we have seen. Petals are deep crimson with pure white spurs. Plants are slightly shorter than the rest of the Long-Spurred Columbines but stems are long enough for cutting. Pkt., 50c.

## **Centaurea Cyanus, Jubilee Gem**

1245. Award of Merit, All-America Selections, 1937. A dwarf, bushy form of *Centaurea Cyanus* suitable for rock gardens. Plants of rounded shape, bearing dark blue, medium-sized flowers. Just as hardy and easy to grow as the tall variety. Pkt., 25c.

## **Cosmos, Early Sensation**

1405. Award of Merit, All-America Selections, 1936. A distinct acquisition of *Cosmos* as the flowers are fully as large as any of the Giant types. They bloom at the same time as the early blooming sorts. Plants have very heavy foliage and grow about 4 feet tall. Pkt., 25c.

## **Cuphea, Firefly**

1475. An entirely new plant for the flower garden, somewhat mindful of Scarlet Sage but more free flowering. Plants are erect and bushy, about 10 inches high. Flowers are relatively small but very freely produced and fiery cerise in color. Blooms in about 12 weeks from sowing seed. Pkt., 25c.

## **Cynoglossum, Firmament**

1287. Bright indigo-blue flowers like Forget-me-nots. Bushy plants about 18 inches tall. Blooms all summer and makes nice cut flowers. Pkt., 25c.

## **Dianthus Laciniatus Splendens**

1538. The most striking *Dianthus* ever offered. Plants are dwarf and compact, generally about 8 inches tall, and bear large single brilliant crimson flowers with a showy white eye. Strongly sweet-scented, stems long enough for cutting and its abundance of blooms make this variety almost indispensable for the garden. A hardy annual; seed may be sown as soon as the ground can be prepared in the spring. Pkt., 25c.

## **Hollyhock, Annual, Indian Spring**

1910. New annual *Hollyhock* that blooms in less than 5 months from seed. Shades of pink, semi-double and nicely frilled. Pkt., 25c.

## **Linaria Maroccana, Fairy Bouquet**

2054. One of the daintiest of garden flowers. Plants are dwarf and compact, 10 to 12 inches high and bear 20 to 30 spikes of miniature snapdragon blooms. Colors include all the delightful pastel shades. Pkt., 25c.

## **Morning Glory, Scarlett O'Hara**

2273. The 1939 Gold Medal winner and justly so; not since the introduction of Golden Gleam *Nasturtiums* have the judges of the All-America selections been as enthusiastic about a new flower. Quick growing and early flowering, *Scarlett O'Hara* is ideal for covering fences and trellises. Flowers are about 4 inches in diameter and deep rosy crimson in color. Pkt., 25c.

## **Nemesia Suttoni**

Always in evidence and a center of attraction at the big flower shows throughout the country. *Nemesia* is either not sufficiently known or else neglected as an outdoor flowering plant. It somewhat resembles snapdragons but with finer foliage and smaller and more graceful flowers. *Nemesia* is very easy to grow, requiring only a sunny location and an average soil.

2331 *Suttoni Rose*. 2333 *Suttoni Orange*. 2330 *Suttoni Mixed*. 2332 *Suttoni Blue*. 2334 *Suttoni Scarlet*. Each, pkt., 20c.

## **Nicotiana, Dwarf White**

2356. *Nicotiana* has ever been a favorite in the garden because of its delightful fragrance. Unfortunately the plants have heretofore been too large and coarse looking for the smaller gardens. We have finally found this charming dwarf form that is suitable for all purposes. Plants are scarcely 15 inches high and bear pure white flowers with the same delightful fragrance as the old type. Pkt., 25c.

## **Shakespeare's Pansies**

2407. This delightful little Pansy exactly answers the description of the Pansy of Shakespeare's time, as given in Gerarde's *Herbal* published in 1597. Apparently lost for centuries, it cropped up in California 4 years ago and has been cared for ever since until now we are able to offer the seed to discriminating gardeners. Flowers somewhat resemble *Violas* but are much more graceful and colorful in appearance. Very easy to grow from seed and will bloom the first year if sown early. Pkt., 25c.

## **Petunia, Hollywood Star**

2465 *Silver Medal*, 1939. This lovely new *Petunia* offers more than just a new color. The flowers consist of a 5-pointed star as compared to the conventional round shape. Color is a rich lively rose with an amber throat and flowers are borne so profusely that hardly any of the foliage is visible. Just as strong and vigorous growing as the older types. Pkt., 25c.

## **Petunia, Topaz Rose**

2484. A really outstanding color in *Petunias*. There are many good pink *Petunias*, but none quite so striking as *Topaz Rose*. Blooms are slightly larger than *Rosy Morn* and deep velvety rose with almost imperceptible flecks of gold, which intensifies the color. Throat is clear topaz. Pkt., 25c.

## **Phlox Gigantea, Salmon Glory**

2504. Pure salmon-pink with distinct creamy white eye. This variety has the largest individual florets of any of the *Phlox*. Plants are strong and bushy in growth and not inclined to straggle. Pkt., 25c.

## **Scabiosa, Imperial Giants Blue Moon**

2703. So different from the older types of *Scabiosa* that it would be hard to recognize at first glance. The old pin-cushion is entirely gone from the center, being replaced by broad, waxy petals, which makes a much larger bloom. Color is a rich lavender-blue, equally effective indoors or out. Pkt., 25c.

## **Scabiosa, Rosette**

2708. A fine new color in *Scabiosa*, that with *Loveliness* and *Peach-blossom* makes 3 superb pink *Scabiosas*. Beautiful deep rose suffused with salmon. Flowers are extra large and borne on long stiff stems. Pkt., 15c.

## **Stock, Double Giant Column, Gardenia**

2818. The purest white *Stock* ever introduced. Produces but one giant spike per plant. Individual florets are full double, 2 to 2¼ inches in diameter, closely grouped on the top 13 to 14 inches of the 3-foot stem. *Gardenia* is definitely one of the best cut flower subjects of today. Pkt., \$1.00.

## **Tithonia Speciosa, Fireball**

3024. We feel sure that *Tithonia Fireball* will prove to be one of the most striking flowers we have ever introduced to Pittsburgh. Tall, stately plants surmounted with flowers as dazzling as a ball of fire. Plants grow 7 to 8 feet tall (they may be topped at 5 feet if desired) with woolly, grayish green foliage clear to the base. Flowers measure 4 to 5 inches across and are the most intense orange-scarlet imaginable in dazzling contrast to the clear yellow center. Seed should be started indoors in early March as it requires about 200 days to bring into bloom. End your garden in a blaze of glory with *Tithonia Fireball*. Pkt., 25c.

## **Zinnia Fantasy, Rosalie**

3192. Two years ago we first offered *Zinnia Fantasy*, *Star Dust*, a delightful shade of yellow, and now as a fit companion for *Star Dust*, we offer *Rosalie*. Plants are same type of growth as *Star Dust*, and bear the same shaggy, graceful flowers, but fascinating intense rose in color. Pkt., 25c.

# Beckert Seed and Bulb Company's Choicest Lawn Mixtures

Your home deserves a lawn of smooth, velvety texture which will remain a deep emerald-green through the spring, summer and fall; a lawn that will bring out all the beauties of your shrubbery, trees and gardens, and provide the most appropriate setting for the house itself. Such a lawn is possible only by sowing the highest quality lawn mixtures that have been carefully tested time and again to prove their dependability.

## B. S. & B. Co. Lawn Mixture

While our Evergreen Lawn Mixture surpasses by far the general run of Lawn Mixtures, we find there is a demand for a still better mixture. To meet this demand we have experimented with various formulas until we have developed a mixture which produces a lawn that compares favorably with the finest Bent Grasses but which at the same time does not require the special care and attention that Bent lawns require.

B. S. & B. Co. Lawn Mixture is composed of only the finest, thoroughly re-cleaned domestic and imported grasses in the proper proportions to produce a deep, springy, long lasting turf. Sow at the rate of one pound to 250 square feet.

Price: 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50; 10 lbs., \$4.75; 25 lbs., \$11.00; 100 lbs., \$42.00, postage or express extra.

## Terrace Lawn Mixture

Terrace Mixture is, as the name implies, a special mixture for slopes and terraces. It is made up from a number of deep rooting, drought-resisting grasses, and once established makes a thick, long lasting turf.

Price: 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.50; 100 lbs., \$43.00, postage or express extra.

## Evergreen Lawn Mixture

Our Evergreen Lawn Mixture represents the utmost in quality Lawn Mixtures. The different grasses used are all extra re-cleaned seeds and are selected for their value in producing a lawn of fine-leaved, dwarf growing grasses.

Carefully tested for germination and purity, this mixture cannot be surpassed for quick and lasting results. On soil which has been properly prepared, Evergreen Lawn Mixture will produce a close, vigorous, velvety turf remaining green throughout the season. One pound will sow 250 square feet.

Price: 1 lb., 50c; 2 lbs., 95c; 5 lbs., \$2.10; 10 lbs., \$4.00; 25 lbs., \$9.25; 100 lbs., \$35.00, postage or express extra.

## Shady Lawn Mixture

A carefully blended mixture of those varieties of grasses whose natural habitat is shaded places. The best lawn seed to plant under trees and on the shaded sides of walls and buildings. Makes a thick, dense lawn where other grasses will not thrive.

Price: 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.50; 100 lbs., \$43.00, postage or express extra.

## How to Care for Your Lawn

Nothing will add to the appearance and, for that matter, actually enhance the value of your home to such a degree as a well-made, well-kept lawn. It makes the most appropriate setting for trees, shrubs and flowers, and helps to make a house "home."

**SOIL.** The soil for a fine lawn requires a very thorough preparation as the physical composition cannot be materially changed once the lawn is established. The ideal lawn soil is well drained, well fertilized and heavy enough to hold moisture without becoming soggy.

Raw subsoil exposed in grading should be covered or replaced by at least 8 inches of good top soil.

**FLORIDA HUMUS** is excellent material for making new lawns or repairing old ones. Florida Humus is 91.25% organic matter (humus) and contains better than 3½ per cent nitrogen, therefore it combines in one material the advantage of both peat moss and a fertilizer. 100 lbs., \$3.25; 200 lbs., \$5.50, delivered in Pittsburgh.

**FERTILIZING.** Thoroughly rotted barnyard manure is the best fertilizer to mix with the soil before making a lawn, but unfortunately it is very difficult to obtain. Fresh manure is invariably full of weed seeds and should not be used. Pulverized sheep manure is an ideal lawn fertilizer. Apply at the rate of 100 pounds per 1000 square feet and as an additional fertilizer apply bone meal, 50 pounds per 1000 square feet. Sheep manure and bone meal are best applied after spading and raked in. If barnyard manure is used, it should be dug in.

**PREPARATION.** Spade or plow as deeply as soil conditions permit; then rake roughly to fill in hollow spaces, removing all rubbish, coarse lumps and stones. At this stage, particularly if much grading or filling has been necessary, allow the ground to settle for a week or ten days before the final fine raking. This will also give weed seeds, that have been brought to the surface, a chance to sprout so that they will be killed by the final raking.

**CHOICE OF SEED.** High grade dependable lawn mixtures will, as a rule, give better results than the separate grasses alone. B. S. & B. Co. Lawn Mixture contains one variety that sprouts quickly, one variety that makes dense lateral roots, another that is deep rooting, and still another because of its ability to withstand drought. Our other mixtures, Evergreen, Shadyland and Terrace, are made with the same care and will be found to be the best in the market for their particular purposes.

**SEEDING.** To insure a thick, even stand sow plenty of seed, 1 pound for each 250 square feet or an excessive quantity will do no harm. The best way to be sure of sowing seed evenly is to divide it in half and go over the plot twice, making the second sowing at right angles to the first.

**COVERING THE SEED.** The seeds in our lawn mixtures are very fine and should be covered lightly, in fact rolling with a medium weight roller to press the seed into the soil is the best method.

**WATERING.** It is often necessary in dry weather to water the lawn. This should be done in the late afternoon or evening to prevent scalding and a thorough soaking twice a week is better than nightly light sprinkling.

**MOWING.** Frequent mowings will help to produce a fine thick turf. Do not set the blades too close to the ground in hot weather.

**ROLLING.** All lawns should be rolled in the spring to bring the roots in firm contact with the soil and to level out bumps and hollows that have appeared over winter. An occasional rolling in the summer is also beneficial.

**FEEDING.** All lawns, new and old, require a top dressing or feeding in spring and fall, and we know of no better fertilizer to use for this purpose than bone meal, applied at the rate of 50 pounds per 1000 square feet. For summer feeding use one-half the above quantity and water thoroughly after applying.

**RESEEDING.** Reseed lightly in the spring and fall, even on well established turfs. Large bare spots should be dug up, well fertilized and reseeded, while small bare spots need only be scratched deeply with a steel rake so as to make a fine seedbed.

**THE USE OF LIME.** We are well aware of the fact that many authorities do not recommend the use of lime on lawns. However, our experience has been that lawns that are limed every two to three years seem to withstand both cold and heat better than the unlimed lawns.



John W. Fornof, Pres.

# Aristocratic Seeds

Again for 1940, as in years past, we offer you one of the finest selections of seeds to be found anywhere. Seeds that have all been especially grown for us; seeds scientifically grown in localities best suited to each particular variety; seeds that have been harvested, cleaned and tested with painstaking care; seeds in which we take a personal interest until they have produced their crops for you. Have a better garden this year by sowing B. S. & B. CO.'S "ARISTOCRATIC" SEEDS.



Douglas Earl, V. Pres.

## Miscellaneous Grasses

As a rule mixtures are better than separate varieties of grasses, as two or more varieties when properly blended will withstand adverse weather conditions better than a single variety. For exceptional soil conditions, it is sometimes necessary to draw up formulas.

We list below the various grasses used for lawns, hay and pastures, together with short descriptions of the uses of each. All have been specially grown, cleaned and re-cleaned, and conform with the Pure Seed Laws of the various States.

Prices subject to market changes.

**Creeping Bent, Seaside** (*Agrostis stolonifera maritima*). A true Creeping Bent of remarkable purity. Makes a thick, dense turf on heavy, sour soils, and is unexcelled for fine lawns and putting greens. Lb., \$1.25; 10 lbs., \$11.00; 100 lbs., \$95.00.

**Creeping Bent, European** (*Agrostis stolonifera*). Largely used for fine lawns and putting greens. Does well on wet, sour soils. Lb., \$1.25; 10 lbs., \$11.00; 100 lbs., \$95.00.

**Crested Dog's Tail** (*Cynosurus cristatus*). A fine leaved grass that does well on hard, dry soil and in shady places. Should be used only in mixtures with other varieties. Lb., 65c; 10 lbs., \$6.00; 100 lbs., \$55.00.

**Kentucky Blue Grass** (*Poa pratensis*). One of our finest lawn seeds, and also useful for hay and pasture. Particularly adapted for rich limestone soil, but will do well on any rich soil. Lb., 55c; 10 lbs., \$5.00; 100 lbs., \$40.00.

**Orchard Grass** (*Dactylis glomerata*). A hardy, quick-growing grass that gives a large yield of excellent hay, and may be cut several times during the season. Not recommended for lawn use. Lb., 50c; 10 lbs., \$4.00; 100 lbs., \$35.00.

**Red Fescue, Chewing's** (*Festuca rubra*). Of particular value for sandy or gravelly soils, also does well in shade. Spreads by underground stems. Lb., \$1.25; 10 lbs., \$11.00; 100 lbs., \$95.00.

**Red Top, Fancy Re-cleaned** (*Agrostis alba*). One of the "Bent" grasses which spread by creeping roots, but makes a rather loose turf when used alone. Especially valuable on acid soils. Fine for lawns, meadows and pastures. We offer only fancy quality, re-cleaned seed. Lb., 50c; 10 lbs., \$4.00; 100 lbs., \$35.00.

**Rough Stalked Meadow** (*Poa trivialis*). One of the finest grasses for shady places. Leaves flat and light green, very dwarf growing. Does best on medium soils. Lb., 75c; 10 lbs., \$7.00; 100 lbs., \$65.00.

**Rye Grass, Perennial, Pacey's Imported** (*Lolium perenne*). A very rapid grower and used as a nurse crop in mixtures. Excellent for quick lawns and pastures, but not long lasting. Does well on all moist soils. Lb., 45c; 10 lbs., \$3.50; 100 lbs., \$30.00.

**Timothy** (*Phleum pratense*). The most widely grown and profitable hay grass. Its nutritive value is increased by sowing one of the clovers or Red Top with it. If sown alone 15 pounds per acre. Not recommended for fine lawns. Write for prices.

## Clovers

**White Dutch Clover**. Our grass seed mixtures do not contain White Dutch Clover, as it does not mix well with grass seeds, which are lighter in weight. However, White Dutch Clover has a definite place in lawns, as it produces a quick sod and helps to feed the other grasses. Unless a very heavy seeding is required, as for poor soils, 1 lb. per 2000 square feet is sufficient. 1/4 lb., 35c; 1/2 lb., 65c; lb., \$1.25.

**Alfalfa**. Purest Northwestern grown seed only. The most valuable hay crop and soil enricher. Requires well-drained, limestone soil and should be inoculated with Nitragin. Sow in spring or late summer, 20 lbs. per acre.

**Alsike**. Excellent hay Clover, thriving on poorly drained and slightly acid soils. Sow in early spring, 6 to 8 lbs. per acre.

**Medium Red**. The old standby and one of the most valuable for hay, pasture, and green manure. Thrives best on well-drained, sweet soil. Sow 10 to 15 lbs. per acre.

**White Sweet Clover**. Biennial; makes good hay and forage; thrives on poorer soil than any other Clover and is considered the greatest of all soil enrichers. For hay, sow 12 to 15 lbs. per acre.

**Nitragin**. For best results all clovers should be inoculated before sowing.

Write for prices.

**NON-WARRANTY.** In accordance with the general custom in the Seed Trade, the Beckert Seed and Bulb Company gives no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants it sells, and will not be in any way responsible for the crop. If purchaser does not accept goods on these terms, they are to be returned at once.

## BECKERT SEED AND BULB COMPANY

502 LIBERTY AVENUE

PITTSBURGH, PENNA.

Phone ATlantic 1129

# Beckert Seed and Bulb Company's



Artichoke

## Artichoke

(Artischoke)

One of the vegetable aristocrats and well worth growing if you care for something "different." Edible portion is the large, thistle-like head. If started indoors very early will bear first year. Same culture as for cabbage, and as Artichokes are perennial, plant where they need not be disturbed.

**LARGE GREEN GLOBE.** The standard variety. Pkt., 25c; 1/2 oz., 50c; oz., 90c.

## Asparagus Seed

(Spargel)

An Asparagus bed can be started either from seed or roots. Sow seed early in the spring, 3/4 inch deep, in rows 1 1/2 feet apart; thin out the plants to 6 inches apart. Transplant following season as given under roots.

**One ounce of seed will sow 50 feet of row.**

**Washington Rustproof.** A new rust-resisting,

heavy-producing Asparagus from the U. S. Department of Agriculture. Of rapid growth, large size, and very tender. Pkt., 10c; oz., 25c; 1/4 lb., 75c.

## Asparagus Roots

An Asparagus bed is permanent, so that much care should be taken with its preparation. The bed should be on well-drained ground, heavily manured and spaded 1 1/2 to 2 feet deep. Place roots in trenches 1 to 1 1/2 feet deep and cover with 3 inches of soil. As the shoots come up, pull in soil from the sides from time to time until bed is level.

No Asparagus should be picked until the third year and then only sparingly. The bed should not be cut over after the first week in July, as the roots must have some time to store up strength for the following year. Top-dress each fall with manure, which should be dug in early the next spring.

**Washington Rustproof.** 2-yr. roots. Bundle of 50, \$1.25; 2.00 per 100; \$15.00 per 1000.

If wanted by parcel post, add 15c per 100.

## Beans—Dwarf or Bush (Bohnen)

Bean seed should not be sown until danger from frost is past. Sow in rows 1 1/2 to 2 feet apart, dropping the seeds 4 inches apart, and covering 2 inches deep. Cultivate frequently and do not work around the plants while they are wet, lest they "rust." Pick the pods before they are fully developed and the plants will produce several good pickings.

For a continuous supply, make successive sowings every 2 weeks up to mid-July. Plenty of pulverized sheep manure and watering in the dry spells will greatly increase the yield. Apply water to the soil between the rows, not to the foliage.

**One quart of Beans will plant 100 feet of row.**

If wanted by parcel post, add 8c per pt., 10c per qt.

## Green Podded Bush Beans

**Asgrow Valentine.** A pure bred stringless strain of Black Valentine. Just as hardy, just as prolific, just as fine flavored, but without the strings. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**Burpee's Stringless Green Pod.** Early. Bushes are of strong, vigorous growth and very prolific. Pods are round and thick, averaging about 5 inches in length. Stringless at all stages. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**BOUNTIFUL.** A remarkably prolific and continuous bearer, and largely grown for first crop in both home and market gardens. Long, flat, but thick, light green pods. Our strain is absolutely stringless. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**Full Measure.** An early sort that will produce amazing crops on good soil. Very long, round, dark green, stringless pods of fine quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**Giant Stringless Green-Pod.** Medium early. Tall, bushy growth and very productive. Pods are round, dark green, average 6 inches in length and always free from strings. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**Keeney's Stringless Refugee.** Late. Stringless at all stages of growth. Heavily outyields the earlier varieties. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00.

**Tendergreen.** New, early, round-podded variety. 6 1/2 to 7-inch, light green pods of excellent quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

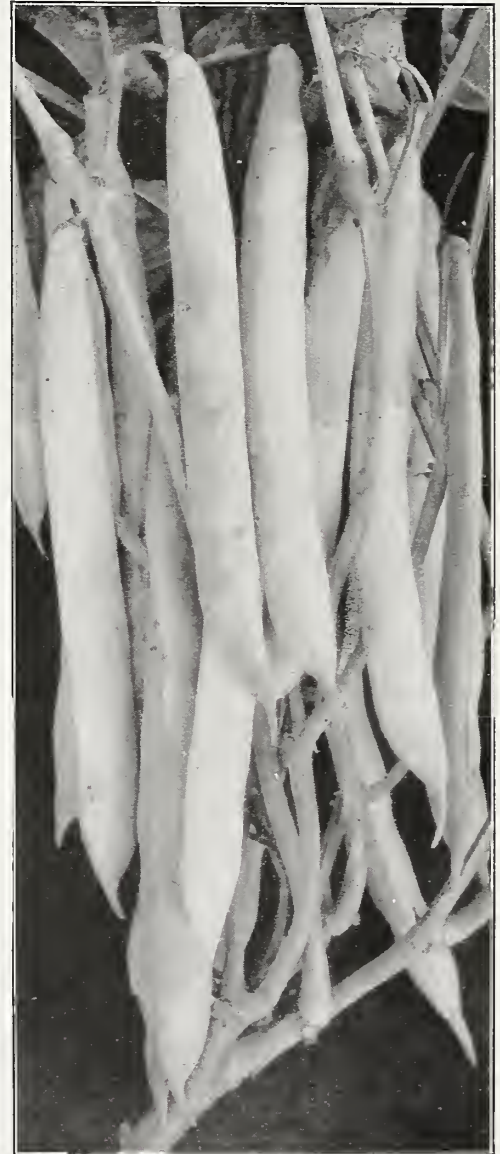
**Forcing Bean, Masterpiece.** The best Bean for forcing in frames or greenhouses. Pods 7 inches long, straight, flat and attractive. Pkt., 25c; pt., 75c; qt., \$1.50.

## Yellow Podded Bush Beans

**SURE CROP STRINGLESS WAX.** Bears a profusion of attractive golden yellow pods 6 inches long, flat but thick, meaty and absolutely stringless at all stages. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**Round Pod Brittle Wax.** Early and very productive on good soils, bearing long, golden yellow pods, brittle and stringless at all stages. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$10.00.

**Pencil Pod Black Wax.** A prolific bearer of long, slender, round, light yellow pods. Medium in season; and of excellent quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.



Bountiful Bean

# Choicest Vegetable Seeds



Kentucky Wonder Pole Beans

## Bush Lima Beans

More hardy than the pole varieties and therefore may be planted earlier. Make rows 2 feet apart and plant the Beans, eyes down, every 2 to 3 inches. Cover about 2 inches deep. Thin to 6 inches.

One quart of Bush Lima Beans will sow 100 feet of row.

If wanted by parcel post, add 8c per pt., 10c per qt.

**Burpee's Improved.** Bears the largest pods and beans. Medium early. Pkt., 10c; pt., 40c; qt., 70c; 4 qts., \$2.50; bu., \$12.00.

**FORDHOOK.** The standard of excellence for Lima Beans. Plants are strong, bushy and very productive. Beans are large and plump and the finest eating quality. Pkt., 10c; pt., 40c; qt., 70c; 4 qts., \$2.50; bu., \$12.00.

**Wood's Prolific.** Beans and pods are small but are borne so profusely that large crops can be harvested from small areas. Pkt., 10c; pt., 40c; qt., 75c.

## Pole Lima Beans

Pole Lima Beans are more prolific than the Bush Lima Beans, but are not so hardy and therefore cannot be planted as early. About the end of May set out stout poles 8 to 10 feet long, in hills 3 to 3½ feet apart each way. Plant 6 to 8 beans in each hill, eyes down, and cover with 2 inches of soil. When the plants have made 2 true leaves, thin out to 3 plants to a hill.

One quart of Pole Lima Beans will sow 150 hills.

**GIANT-PODDED or DETROIT MAMMOTH.** The largest-podded Pole Lima. Pods 7 inches long and borne in clusters of from six to eight. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.50; bu., \$12.00.

**EARLY LEVIATHAN.** Earliest of the Pole Limas and prolific, bearing large pods usually containing 5 large flat Beans of excellent quality. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.50; bu., \$12.00.

**King of the Garden.** Vigorous and immensely productive, large pods with 4 or 5 flat Beans of good quality. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.50; bu., \$12.00.

## Pole Snap Beans

**Horticultural or Speckled Cranberry.** Short, light green pods, streaked with red. Excellent both as a snap and shell Bean. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.25; bu., \$10.50.

**Lazy Wife.** A prolific, late-maturing sort, bearing green pods of medium size, stringless, thick and meaty. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.25; bu., \$11.00.

**KENTUCKY WONDER or OLD HOMESTEAD.** Light green pods of good size, tender and stringless, hang in clusters from top to bottom of the vine. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**Kentucky Wonder Wax.** Just as reliable and the same high quality as Green Kentucky Wonder but pods are yellow. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.50; bu., \$11.00.

**Scarlet Runner.** Clusters of brilliant scarlet flowers; large Beans of fine flavor used like Limas. Pkt., 15c; pt., 40c; qt., 75c.

**DREER'S GOLDEN CLUSTER WAX.** An early, yellow-podded sort of exceptional quality. It bears attractive, long, flat pods. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.50; bu., \$11.00.

**Asparagus or Yard Long.** Beans have a distinct asparagus flavor. Pkt., 25c.

## Dwarf Shell Beans

**Broad Windsor.** Genuine English Broad Beans to be shelled and eaten as Limas. Pkt., 15c; pt., 50c; qt., 90c.

**Dwarf Horticultural.** Stringless and useful as a "snap-short" when young. Both pods and seeds splashed with red when ripe. Excellent for baking. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.25; bu., \$9.00.

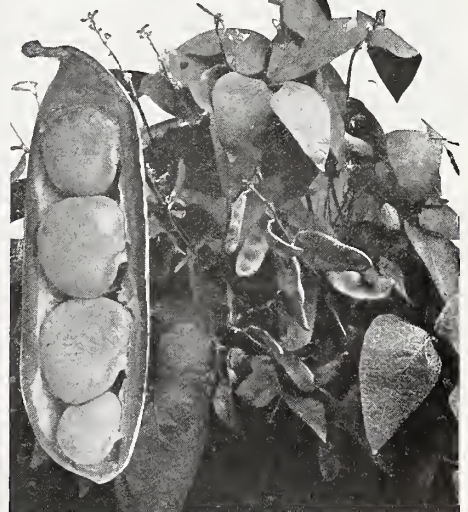
**WHITE KIDNEY.** Seed large, white and kidney-shaped. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

**White Marrowfat.** Produces large, round, white Beans of exceptional cooking quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

## Nitragin

Garden-wise gardeners inoculate all Beans with Nitragin before planting to insure better crops. **Garden size, 10c**—enough to inoculate 4 pounds of peas or beans.

Fordhook Bush Lima Beans





Crosby Egyptian Beet

## Garden Beets

(Roten Rube)

Beets are easily the favorite of all root crops. Best results are obtained in well-drained, loamy soil, although any soil will do if it is deeply dug and cultivated frequently. Sow as early as the ground can be prepared, in rows 1½ feet apart, 1 inch deep, pressing the soil down firmly over the seed. When large enough to use as Beet greens, thin out to 2 inches apart.

One ounce of seed will sow 50 feet of drill.

**CROSBY'S EGYPTIAN, SPECIAL STRAIN.** No finer strain is grown than the stock we offer of this largely used Beet. It is of rapid growth, with small tops, the roots taking on their deep turnip shape at an early stage; flesh blood-red and of fine quality. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**EARLY WONDER SPECIAL.** A handsome early Beet of deeper turnip shape than Crosby's Egyptian. Recommended for both market and home gardens. Flesh blood-red, tender and of good flavor. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Perfected Detroit.** A very superior strain of Detroit Dark Red. Roots are slightly smaller but much deeper red in color. Fine grained and very sweet. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Detroit Dark Red.** An ideal main crop Beet, universally planted. Large, globe-shaped roots, sweet, fine grained, and dark red in color. Pkt., 10c; oz., 20c; ¼ lb., 60c.

## Mangel or Stock Beets

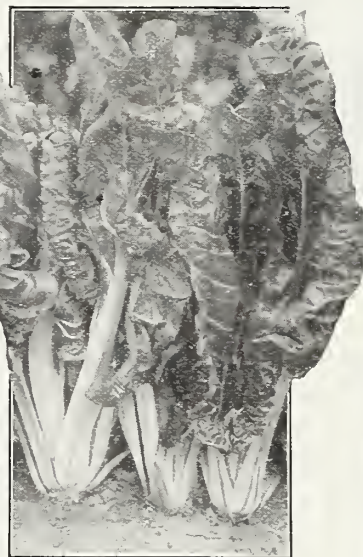
(Mangel Wurzel)

Excellent food for cattle or chickens during the winter when other green food is not available. Sow in May or June, in rows 1½ feet apart, 5 to 6 pounds of seed per acre. Thin to stand 12 to 15 inches apart and cultivate frequently.

**Golden Tankard.** An enormous yielder; flesh and skin deep yellow. Oz., 10c; ¼ lb., 25c; lb., 60c.

**Giant Sludstrup.** Reddish yellow, long oval shape. Food value higher than any other Mangel. Oz., 10c; ¼ lb., 25c; lb., 60c.

**MAMMOTH LONG RED.** Grows to an immense size, roots often weighing to 35 pounds. Oz., 10c; ¼ lb., 25c; lb., 60c.



Swiss Chard

## Swiss Chard

A most satisfactory vegetable for the small garden. A short row is sufficient to supply greens all summer, and if not cut too close, additional leaves will come up from the roots. Use same culture as for Beets and for best results thin out to at least 4 inches between plants.

One ounce of seed will sow 50 feet of drill.

**GIANT LUCULLUS.** Large, dark green, thickly crumpled leaves with white midrib which may be used the same as asparagus. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**GREEN LYON.** A handsome dark green Swiss Chard with smoother leaves than Lucullus. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Perpetual Summer (Spinach Beet).** Similar to Swiss Chard, bears all summer. Pkt., 10c; oz., 25c; ¼ lb., 75c.

## Broccoli

(Spargel-Kohl)

Quite similar to cauliflower but will produce fine heads in localities where cauliflower cannot be successfully grown. Same culture as cabbage.

**Early Green Sprouting Improved.** A most delicious new variety, bearing loosely arranged heads, somewhat similar to cauliflower. Both flower heads and stalks of heads are edible, having a distinctive flavor. Flower heads are light green in color and ready for the table 60 days from time of sowing. Pkt., 15c; ½ oz., 35c; oz., 60c.

**Broccoli White Cape.** Pure white heads. Pkt., 25c; ½ oz., 40c.

## Brussels Sprouts

(Rosen-Kohl)

A delicious and easily grown fall vegetable, and one of the few that may be enjoyed in late fall after frost has killed the less hardy kinds. Produces miniature cabbage heads at the base of each leaf. Use same cultural directions as for the late cabbage, and when the sprouts commence to form, break off the lower leaves.

**Long Island Half Dwarf.** Covered with tender sprouts of good flavor. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10.



Long Island Improved Brussels Sprouts





Copenhagen Market Cabbage

## CABBAGE (Kraut)

To grow good Cabbage, a fairly rich soil and plenty of moisture are required. Apply an abundance of manure or other fertilizer high in humus and nitrogen.

For early crop, start the seed in a hotbed or seed flat indoors in January or February, transplanting to another bed or flat when the second pair of leaves appear; harden the plants off and set them out in the garden as soon as frosts are past. For second-early crop, sow in March or April and set out in May; for late crop, sow in May and transplant in July. Set Cabbage in rows  $2\frac{1}{2}$  to 3 feet apart and space the plants  $1\frac{1}{2}$  to 2 feet in the rows. One ounce of seed will produce 3000 plants.

### Early Varieties

**Allhead Early.** Very large-heading strain of Early Summer. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.50.

**CHARLESTON or LARGE WAKEFIELD.** A week later than Jersey Wakefield; heads larger, thicker and less pointed. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; lb., \$3.00.

**Copenhagen Market.** The standard early round-headed Cabbage for market, maturing with Jersey Wakefield and outyielding any other early sort. Heads large, deep, and solid. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$2.75.

**Early Jersey Wakefield.** Selected strain. Long the favorite early sort for home and market. Small pointed heads; the finest quality. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$2.75.

**EARLY SUMMER.** Good sized, round flat heads following the Wakefields. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.50.

**Enkhuizen Glory.** Round, deep heads a little larger than Copenhagen. Does well on poor soils. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$3.00.

**Golden Acre.** A splendid new extra early Cabbage of the Copenhagen Market type. Heads perfectly round and hard, with few outer leaves. Can be set close together. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$4.00.

### Chinese Celery Cabbage

Chinese Cabbage has all the good qualities of both cabbage and lettuce, with a flavor all its own.

Heads are oblong in shape and self-blanching. Sow in July or early August, in rows 2 feet apart, and thin or transplant to 1 foot apart in the rows.

One ounce of seed will sow 150 feet of row.

**Pe-Tsai.** Heads narrow and very tall. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25.

Semesan will prevent club root on Cabbage and give stronger germination if applied to the seed before planting 2-oz. can, 35c.

### Midseason and Late

**All Seasons or Succession.** Large, flat heads; good for both second-early and late crops. An excellent keeper. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.75.

**Danish Ballhead Short Stem.** Select Danish seed. The leading Cabbage for late markets. Very solid, medium sized, round heads of excellent keeping quality. Short stem. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$2.75.

**Select Late Flat Dutch.** A superior strain of this popular "kraut" Cabbage. Sure heading and of largest size. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.50.

**HOLLANDER YELLOWS RESISTANT.** A hard-heading, productive, yellows-resistant Cabbage. Highly recommended for infested fields. Pkt., 15c;  $\frac{1}{2}$  oz., 35c; oz., 60c.

**Penn State Danish Ballhead.** A superior blight-resistant strain of Danish Ballhead with short stem. Heads are very solid and almost globular in shape. Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c;  $\frac{1}{4}$  lb., \$1.60; lb., \$4.50.

**Savoy, Perfection Drumhead.** Large, flat heads with dark green, crinkled leaves. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.75.

**Savoy, Extra Early.** An early maturing strain of the popular curly or savoy-leaved cabbage. Heads uniform in shape. Pkt., 10c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$4.00.

**Mammoth Rock Red.** The standard Red Cabbage. Heads large, flat and solid. Productive and reliable. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$3.00.



Chinese Cabbage



Penn State Ballhead Cabbage



## Carrots

(Gelben Ruben)

Deep, light, sandy soil will produce smooth, shapely Carrots, while a heavier clay will grow firmer and better colored roots. For early crop, sow the short-rooted varieties from the first to the middle of April, in rows 12 inches apart, and cover about 1/2 inch deep. For main crop, sow up to the middle of June in rows 15 to 18 inches apart. Thin out the plants to stand 3 to 4 inches apart. One ounce of seed will sow 100 feet of row.

**CHANTENAY IMPROVED.** Slightly tapered, blunt-rooted variety, the earliest of the large Carrots. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**Danvers Half-Long.** Roots average 6 to 8 inches long, tapering to a blunt point. Productive and a good keeper. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**French Forcing or Early Short Horn.** Small, round, reddish orange roots of fine flavor. Pkt., 10c; oz., 25c; 1/4 lb., 65c.

**Guerande or Oxheart.** Roots short and blunt, 3 to 4 inches in diameter and about four inches long. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**Long Orange.** Rich orange; long, tapering roots; fine for stock feeding. A heavy yielder on deep soils. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**Nantes, Improved.** Long cylindrical roots, 1 to 1 1/2 inches in diameter. Pure orange-scarlet in color with practically no core. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**White Belgian.** Pkt., 10c; oz., 20c; 1/4 lb., 60c.

## Cauliflower

(Blumenkohl)

Best heads are grown in rich, moist soil and in cool weather, so it is usually grown as an early spring or fall crop. Culture is the same as for cabbage.

**SUPER SNOWBALL.** The finest strain of Snowball Cauliflower ever offered. Sure heading and of superb quality. Pkt., 50c; 1/4 oz., \$1.50; oz., \$4.00.

**SPECIAL EARLY SNOWBALL.** Compact plants with few outer leaves and large, solid, snowy white heads. Pkt., 25c; 1/4 oz., \$1.00; oz., \$2.50.

**Danish Dry Weather.** A little larger and later than Snowball. Pkt., 25c; 1/4 oz., \$1.00; oz., \$2.50.

## Celery

(Sellerie)

For early crops sow the seed in the hotbed by the middle of February, transplanting later to a cold frame and setting out in the garden in late May, 6 inches apart, in trenches about 10 inches wide, 6 inches deep and 4 feet apart. For late Celery, sow in March or April and transplant to trenches in late June or July. As the plants attain full size, gradually draw up earth on both sides to blanch them and bring out the flavor.

One ounce of seed will produce 5000 plants.

**WHITE PLUME.** The earliest variety. The inner stalks turn white without blanching. Pkt., 10c; 1/2 oz., 30c; oz., 50c; 1/4 lb., \$1.50.

**GOLDEN PLUME or WONDERFUL.** A new Celery of great value. Hardy, grows quicker and attains a larger size than Golden Self-Blanching, which it otherwise resembles. Pkt., 15c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.50.

**Golden Self-Blanching.** A fine early maturing variety of dwarf, stocky growth, with heavy golden yellow heart. Blanches easily. Pkt., 10c; 1/2 oz., 30c; oz., 60c; 1/4 lb., \$1.75.

**Fordhook Emperor.** A dwarf Winter Celery with very thick, heavy stalks. Leads all in flavor. Pkt., 10c; 1/2 oz., 25c; oz., 50c; 1/4 lb., \$1.50.

**Winter Queen.** Medium tall Winter Celery. Leaves green, heavy and with solid heart. Pkt., 10c; 1/2 oz., 25c; oz., 50c.

**Standard Bearer.** A red or rose-tinted variety of excellent flavor. Strong, sturdy growth and easily blanched. Pkt., 25c; 1/2 oz., 55c; oz., \$1.00.

**Giant Pascal.** Stalks are large and thick with a distinct nutty flavor. Pkt., 10c; 1/2 oz., 30c; oz., 60c; 1/4 lb., \$1.75.

### IMPORTED ENGLISH CELERY

Sutton's Giant Solid White and Giant Solid Pink. Pkt., 50c.

## Cardoon

Cardoon has large grayish leaves with thick stalks which are blanched and cooked like Asparagus. Plants should not be closer than 18 inches apart. Blanch with straw in August. Pkt., 15c; oz., 50c.

# Cucumbers

(Gurken)

Cucumbers thrive best in a rich, warm, loamy soil, and planting should be delayed until settled warm weather. Make hills about 4 feet apart each way and thoroughly mix into the soil well-rotted manure to a depth of 6 inches or more. Scatter 12 to 15 seeds to a hill and cover 1 inch deep; thin out to 3 or 4 of the strongest plants after danger of insects is over.

One ounce of seed will plant about 50 hills.

**Supreme Green.** Plants are very vigorous, with rich, dark green foliage and are very resistant to blights. Fruits are uniform, usually 8 to 10 inches long, and the darkest green we have seen in Cucumbers. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**DAVIS PERFECT.** (White Spine.) One of the most popular Cucumbers. Fruits are dark green, long and tapering to both ends. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Longfellow.** (White Spine.) A wonderful new Cucumber, 10 to 12 inches long. Fruits are medium thick, tapering slightly to both ends. Resistant to blight and drought. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Early Fortune.** (White Spine.) Fruits are rich, dark green, about 8 inches long, and contain but comparatively few seeds. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**EVERGREEN WHITE SPINE.** (White Spine.) Similar to Davis Perfect but larger and longer. A fine main crop variety. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Forcing White Spine.** Special dark green strain of White Spine for forcing. Fruits long and symmetrical. Pkt., 25c; ½ oz., 75c; oz., \$1.25.

**Improved Long Green.** (Black Spine.) Vines very vigorous and disease resistant. Fruits long and slightly tapering. Good for either slicing or pickles. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Japanese Climbing.** (Black Spine.) A climbing variety that can be used on fences or trellises where space is limited. Fruits of excellent quality. Pkt., 10c; oz., 25c; ¼ lb., 75c.

## English Frame Varieties

A distinct type especially selected for forcing. We offer the finest English varieties.

**Improved Telegraph, Covent Garden, Rochford's Market.** Each, pkt., 50c.

## Pickling Varieties

**Chicago Pickling.** (Black Spine.) Vigorous, disease-resistant vines. Very prolific and bears uniform blunt-ended fruits. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Green Prolific or Boston Pickle.** (Black Spine.) The best variety to use for small pickles. Vines are vigorous and productive. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Jersey Pickle.** (Black Spine.) Somewhat similar to Boston Pickle, but a little larger. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**West India Gherkin.** Fruits about 2 inches long and 1 inch thick, covered with small spines, generally used for very small pickles. Pkt., 10c; oz., 25c; ¼ lb., 75c.

# Cress

(Garten Kresse)

**Extra Curled or Pepper Grass.** An appetizing salad, growing rapidly in any garden soil. Pkt., 10c; oz., 15c; ¼ lb., 35c.

**Water Cress.** The true "Water Cress." Easily raised from seed in in your own garden in any moist location. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75.



Water Cress

# Celeriac

(Knoll-Sellerie)

**Giant Smooth Prague.** Same culture as Celery. Leaves are not edible. Bulbous roots are used as flavoring in soups and salads. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20.

# Chicory

(Cichorien)

One ounce of seed will sow 200 feet of drill.

**Witloof, Special Strain.** (French Endive.) Sow in early spring in rows 1½ feet apart and thin to 4 inches. Lift the roots in the fall and bury them in light soil in a warm cellar. The new growth, ready in a month, makes a delectable salad. Pkt., 15c; oz., 40c; ¼ lb., \$1.20.

**Large-Rooted Magdeburg.** Grown for its roots, which are dried, ground, and used as a substitute for coffee. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Catalogna.** A delicacy from Italy for jaded appetites. Plants when young resemble a very narrow leaved Dandelion and may be used for greens or blanched and used for salads. As the plant ages it sends out tender shoots about ½ inch thick, which are cut when 6 inches long, making an excellent substitute for Asparagus. Pkt., 15c; ½ oz., 35c; oz., 60c.

# Collards

(Blaeterkohl)

A tall loose-leaved cabbage much prized in the South as boiling greens. Same culture as cabbage.

**True Georgia.** Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.25.

# Corn Salad

(Steichsalat)

One ounce of seed will sow 200 feet of drill.

Sow in September for fall salad, or protect over winter for spring use.

**Large-Leaved.** Large, round, deep green leaves, forming a dense rosette. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.00.

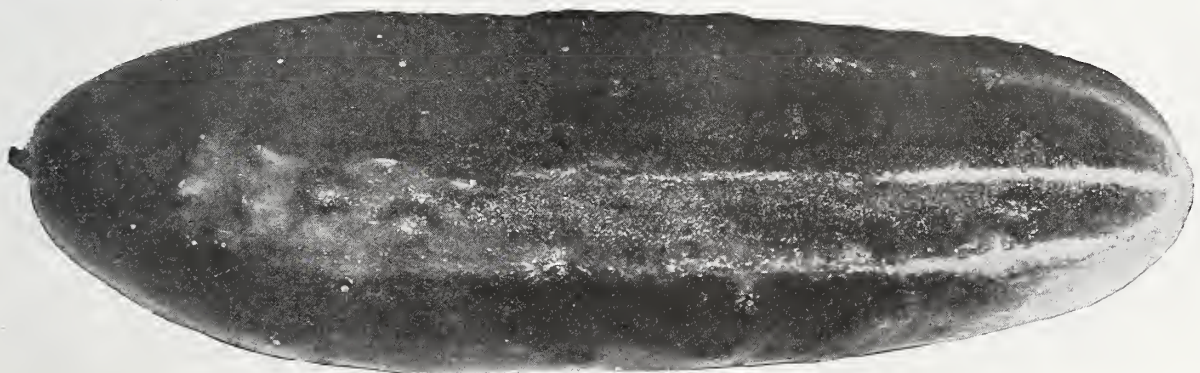
# Dandelion

(Loewenzahn)

Sow in early spring in rows 15 inches apart, and thin to 4 inches.

One ounce of seed will sow 200 feet of drill.

**Improved Thick-Leaf.** Pkt., 15c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.50.



Supreme Green Cucumber

# Sweet Corn (Mais)

Sweet Corn is a favorite crop in most American gardens, and one of the easiest to grow. A deeply dug, moderately rich, well-drained soil will give best results. Wait until soil and weather are warm before sowing; the middle of May is generally safe for the yellow varieties and 2 weeks later for the whites.

Sow in rows  $2\frac{1}{2}$  to 3 feet apart; scatter seeds 3 to 4 inches apart and cover 2 inches deep, later thinning out to 1 foot apart in the rows. Corn is also grown in hills 3 feet apart each way for horse cultivation, leaving 3 strong plants in each hill. Frequent shallow cultivation is important—more necessary with Corn, perhaps, than with any other garden crop.

For succession, make sowings every 10 days up to July 15th. To insure good pollination and well-filled ears, grow Corn in several short rows, side by side, rather than in one long row.

One quart of seed will plant 200 hills.

If wanted by parcel post, add 8c per pt., 10c per qt.

## White Varieties

**Early Mayflower.** The earliest white Sweet Corn of good size; ears 6 to 7 inches long, with 10 or 12 rows; prolific; good quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Howling Mob.** The leading white, second-early. Productive and of extra fine quality. Ears 9 to 10 inches long with 14 rows. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**EARLY MAMMOTH.** Ears 10 to 12 inches long, 16 or 18 rowed; large, white grains; very sweet. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Stowell's Evergreen.** The good old standard. Rich and sweet in flavor; remains tender long. Ears 7 to 8 inches long, and 12 or 14-rowed. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Late Mammoth.** Largest of all; ears 12 inches long and 18 or 20 rowed, but very sweet and tender. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Country Gentleman.** Sweet, tender, milky grains on small cob; zig-zag rowed ears about 10 inches long. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

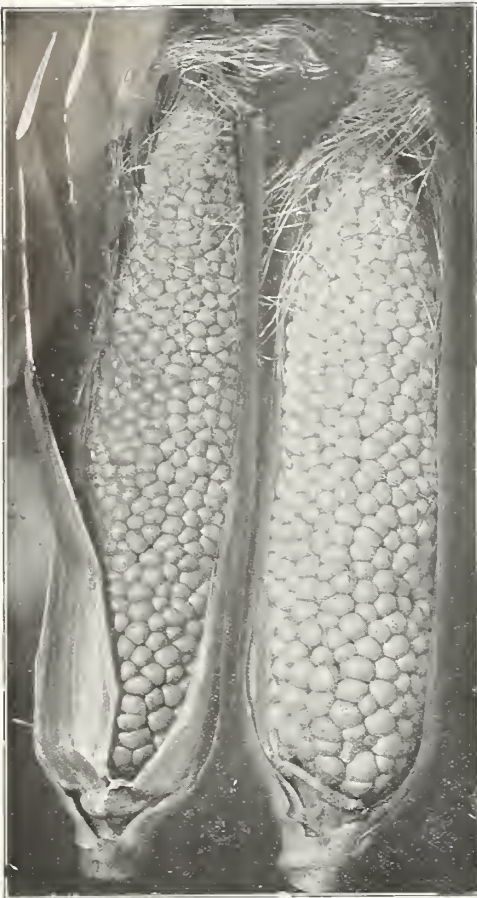
**Black Mexican.** A medium early, small-eared sort with purplish black grains of very rich flavor. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

## Hybrid Sweet Corn

**Golden Cross Bantam.** The original and best of the cross Corns. Ears 7 to 8 inches long, 10- to 12-rowed. Pkt., 15c; pt., 40c; qt., 75c.

**Early Bantam P-39.** Ears  $7\frac{1}{2}$  inches long, 10 to 14-rowed. About 78 days to maturity. Pkt., 15c; pt., 40c; qt., 75c.

**Whipcross P-39.** Ears  $7\frac{1}{2}$  inches long, 12- to 14-rowed. About 84 days to maturity. Pkt., 15c; pt., 40c; qt., 75c.



Yellow Country Gentleman Sweet Corn

## Yellow Varieties

**WHIPPLE'S EARLY YELLOW.** A superb new early yellow Sweet Corn. Ears are 7 to 8 inches long and 12- to 14-rowed. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Golden Bantam.** A universal favorite. May be planted as early as May 1st. Dwarf growing; matures in 60 days; ears 5 to 6 inches long with 8 rows of broad, yellow kernels of unsurpassed flavor. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**BARDEN'S WONDER BANTAM.** The best selection from the old favorite Golden Bantam. Retaining all of the sweetness and rich flavor of that variety it produces ears 3 inches longer and a little larger in diameter. Prolific, extra early, ideal in size. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

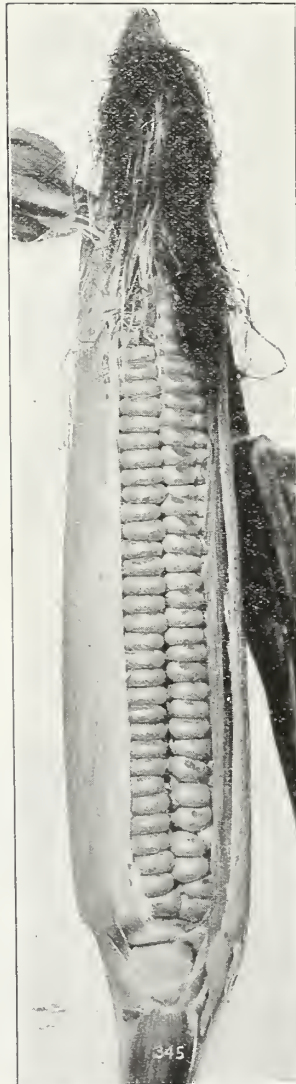
**Golden Evergreen.** About one week later than Golden Bantam. Tapering ears of good size, with 12 or 14 rows of deep yellow kernels. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Golden Giant.** One of the finest yellow Corns. Second early in season; ears are 7 to 8 inches long and 12- to 14-rowed. Kernels are rich golden yellow, of medium size and excellent quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$8.00.

**Yellow Country Gentleman.** The yellow counterpart of the old white shoe peg or Country Gentleman. The latest yellow Sweet Corn, medium-sized ears of finest quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.00; bu., \$9.00.

## Pop Corn

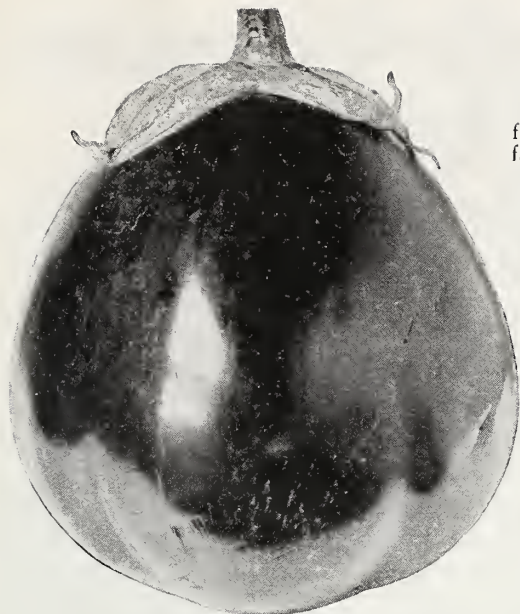
**White Pearl.** Pure white. Pkt., 10c; pt., 30c; qt., 60c; 2 qts., \$1.00.



Golden Bantam Sweet Corn



Whipple's Early Yellow Sweet Corn



Black Beauty Eggplant

## Eggplant

(Eierpfanze)

Sow the seed in hotbed or indoors in early March. When the plants are 3 inches high transplant to small pots, and later on to larger pots. Set them out in the garden late in May, about 3 feet apart each way.

One ounce of seed will produce 1000 plants.

**Black Beauty.** Early; fruits large and almost black. Pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.

**New York Improved Purple.** Large, smooth, dark purple fruits; prolific. Pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.25.



Carentan Leek

# Endive

(Endivie)

Endive is one of the most tasty and healthful salads and can be had in late summer and fall when lettuce is hard to get. For early use, sow in April in shallow drills 1 1/2 feet apart. Blanch by gathering the leaves together over the center and tie with a string.

One ounce of seed will sow 100 feet of drill.

**Broad-Leaved Batavian (Escarolle).** Fleshy leaves, not fringed, used largely for soups and stews. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**Green Curled Ruffec.** Large plants with finely fringed and curled tender green leaves. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**Large Green Curled.** The standard variety. Hardy; blanches golden white. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**PANCALIER.** Strong grower with heavily curled, deep green leaves. Ribs are slightly tinted rose. Blanches easily. Pkt., 10c; oz., 20c; 1/4 lb., 60c.



Broad Leaf Batavian Endive

## Kale (Blatterkohl)

The flavor of Kale is improved by frost, so that it is generally sown for late crop. Sow in May or June and transplant later to rows 2 to 2 1/2 feet apart, and cultivate like cabbage. For early spring crop, sow in September and protect over winter.

One ounce of seed will sow 300 feet of drill.

**Dwarf Green Curled Scotch.** Hardy, low-growing and bushy, with tender, curly, deep green leaves. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**DWARF SIBERIAN.** Leaves broad and not so curly as the Scotch. Extremely hardy. This variety is sometimes called "Sprouts." Pkt., 10c; oz., 20c; 1/4 lb., 60c.

**Dwarf Blue Curled Scotch.** Leaves are very heavily curled and rich bluish green in color. Plants are short, stocky, and very hardy. Pkt., 10c; oz., 20c; 1/4 lb., 60c.

## Horseradish Roots

**Maliner Kren.** The best variety. Disease-resistant and a quick grower. 50c per doz.; \$2.50 per 100; \$15.00 per 1000.



White Vienna Kohl-rabi

## Kohl-rabi

Kohl-rabi or Turnip-rooted Cabbage, develops best in cool weather but may be had all season if grown in deep, moist soil. Sow at intervals from April to early August, in rows 15 inches apart, thin to 5 inches. Use when 1 1/2 to 2 in. in diameter.

1 oz. of seed sows 250 ft. of drill.

**Early White Vienna.** The earliest variety. Leaves small; flesh white and tender. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00.

**Early Purple Vienna.** Skin is purple and flesh white; fine flavored. Pkt., 10c; 1/2 oz., 20c; oz., 35c; 1/4 lb., \$1.00.

## Leek (Lauch)

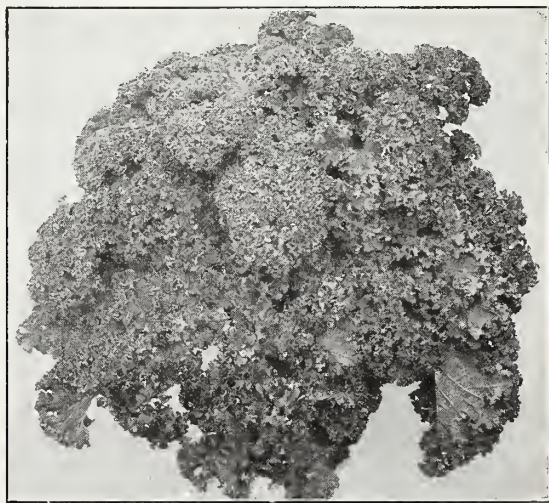
Leeks do not form bulbs, but the thick stalks have a mild onion flavor and are fine for flavoring stews or salads. Grow the same as onions, in deep, rich soil, and as they develop draw the soil up about the stems to blanch them.

1 oz. of seed sows 100 ft. of drill.

**Walton's Giant Exhibition.** An improved giant strain, imported from England. Largest size and finest quality. Pkt., 25c; oz., 50c.

**Giant Carentan.** Hardy; blanches pure white; thick stem, mild flavor. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.

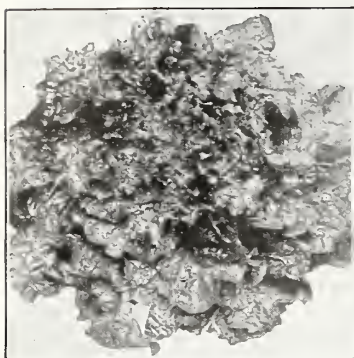
**Large American Flag.** A popular large variety of good quality. Pkt., 10c; oz., 35c; 1/4 lb., \$1.00.



Blue Curled Scotch Kale

# Beckert Seed and Bulb Company

## Healthful Lettuce (Salat)



Black Seeded Simpson Lettuce



White Boston Lettuce



New York Lettuce

Dig the soil deeply for Lettuce, using plenty of manure or nitrogenous fertilizer, and adding sand or humus if the soil is heavy. For a very early crop, start seed indoors or in a hot-bed in early March, thinning or transplanting the seedlings as soon as they are large enough to handle; harden them off and set them out in the garden in early April.

The first sowing outdoors may be made as soon as the ground is fit. Make the rows 15 to 18 inches apart and thin the plants out as they develop, so that they eventually stand 10 to 12 inches apart.

One ounce of seed will sow 150 feet of drill.

### Loose Leaf or Cutting

#### DEER TONGUE LETTUCE

This is one of the finest Lettuces we know. Leaves are arrow-shaped and grow in tight bunches so that the center leaves are blanched to a golden yellow in deep contrast to the rich, dark green of the outer leaves.

Deer Tongue has a flavor all its own, entirely distinct from any other Lettuce. It really has the flavor of Lettuce instead of the dressing used on it.

Deer Tongue is quite hardy and may be planted early in the spring. It also stands hot weather well and the leaves remain crisp and tender even after the plant starts to shoot to seed.

All in all it is an ideal home garden Lettuce and will be taken up by the commercial growers when seed becomes more plentiful.

Pkt., 25c; 1/2 oz., 60c; oz., \$1.00.

**Black-Seeded Simpson.** Large, bushy plants with attractively crumpled and fringed light green leaves. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.25.

**Early Curled Simpson.** Broad, crumpled, yellowish green leaves of fine quality. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.25.

**GRAND RAPIDS.** One of the best loose-leaf Lettuces for extra early planting. Handsome plants, with large, crisp curled and fringed leaves. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.25.

**THE MORSE.** Outer leaves light green; inner leaves blanched light yellow. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50.

### Mustard (Senf)

Mustard has grown popular both as a salad and for greens. Sow in spring, and every 2 weeks up to July, in shallow drills 1 to 1 1/2 feet apart. Use the leaves when young, before flower buds appear.

One ounce of seed will sow 75 feet of drill.

**Fordhook Fancy.** Dark green, heavily fringed leaves. Finest quality and slow to shoot to seed. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

**GIANT SOUTHERN CURLED.** Grows 2 1/2 feet tall; leaves broad, mild and tender when young. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

**Florida Broad Leaf.** Light green leaves with white ribs. Of agreeable flavor when cooked like spinach. Pkt., 10c; oz., 15c; 1/4 lb., 35c.

**White London.** Leaves used for salads when young; the seed for flavoring pickles. Pkt., 10c; oz., 20c; 1/4 lb., 45c.

### Cabbage or Butterhead

**BIG BOSTON.** Early. Large, solid heads; outer leaves deep green with brownish edges; inner leaves light yellow. Largely grown for market. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.75.

**Mammoth Black-Seeded Butter.** Late. Big heads with broad, crumpled leaves; always tender and of fine quality. Pkt., 10c; oz., 20c; 1/4 lb., 65c; lb., \$2.00.

**May King Early.** Fine for the first sowing. Medium sized heads, blanching to golden yellow in the heart; tender, finest quality. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50.

**Mignonette.** One of the good things reserved for those who "grow their own." Too small to be useful for market, this is we believe the sweetest and crispest lettuce. Heads medium brown on the outside, pure yellow inside. Pkt., 10c; oz., 25c; 1/4 lb., 75c; lb., \$2.50.

**WHITE BOSTON.** A new superior strain of Big Boston, without the red tinge on edge of leaves. Heads large and solid and sure heading even under adverse conditions. Pkt., 10c; oz., 25c; 1/4 lb., 60c; lb., \$1.75.

### Crisphead, or Ice Lettuce

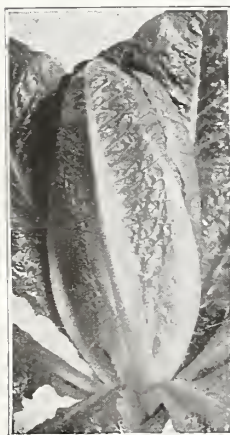
**Brown Curled or Chartiers.** Medium size. Leaves medium brown and finely curled at the edges. Loosely folded heads, fine quality. Pkt., 10c; oz., 30c; 1/4 lb., \$1.00; lb., \$2.50.

**Iceberg.** All of the Crisphead Lettuces are good in warm weather. Iceberg is the earliest of the class and makes very large solid heads of crisp, incurved, light green leaves. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50.

**IMPROVED HANSON.** Loose heads of crumpled light green leaves. A reliable summer Lettuce for home gardens. Pkt., 10c; oz., 20c; 1/4 lb., 60c; lb., \$1.50.

**NEW YORK or WONDERFUL.** The well-known "California Ice Lettuce." Solid heads; dark green with yellowish white center; very crisp and sweet. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.

**Trianon Self-Folding Cos or Romaine.** Tall and erect growing, with long, narrow, spoon-shaped leaves, blanched by tying together at the top. Thrives in warm weather. Pkt., 10c; oz., 25c; 1/4 lb., 80c; lb., \$2.00.



Trianon Cos Lettuce



Fordhook Fancy Mustard

# 502 Liberty Avenue, Pittsburgh, Penna.

## Onions (Zweibel)

A fine, prepared, mellow soil, well fertilized, is needed to grow good, large Onions from seed. As early in the spring as the ground can be worked, sow the seed in drills 15 inches apart and cover  $\frac{1}{2}$  inch deep. When the seedlings are 3 to 4 inches high, thin or transplant them to stand about 3 inches apart. For extra large Onions, start the seed in the hotbed in late February or March and transplant to the garden in April.

One ounce of seed will sow 100 feet of drill.

**Ailsa Craig.** The largest of all Onions; grown for exhibition. Globe shape; straw-yellow. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$4.00.

**Gigantic Gibraltar.** Very similar to Ailsa Craig. Strong grower with mild sweet flesh. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; lb., \$4.00.

**Large Red Wethersfield.** Very large, flattened, purplish red bulbs. An excellent keeper. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.50.

**Prizetaker.** Globe-shaped, with golden brown skin and mild, crisp, sweet, white flesh. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

**SOUTHPORT WHITE GLOBE.** A very handsome, pure white-skinned Onion of large size and true globe shape. Fine shipper and keeper. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$3.00.

**SOUTHPORT YELLOW GLOBE.** Larger than Danvers and more uniformly globe-shaped. One of the handsomest, best selling and best keeping Onions. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.50.

**White Bunch.** Quick growing; mild flavored. Extensively sown for green Onions. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$3.00.

**White Portugal or Silverskin.** Large, flat bulbs with silvery white skin and mild flesh. Grown largely for green Onions. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c;  $\frac{1}{4}$  lb., \$1.25; lb., \$3.00.

**Yellow Globe Danvers.** Handsome globe-shaped bulbs of good size, with brownish yellow skin and crisp, firm, white flesh. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.50.

**Onion Sets** White. Qt., 30c; pk., \$2.00.  
Yellow. Qt., 25c; pk., \$1.75.

If wanted by parcel post, add 10c per quart.

## Muskmelon (Melone)

Muskmelons or Cantaloupes require a warm, rich soil. Prepare hills 6 feet apart by digging in rotted manure to a depth of 8 to 10 inches and cover with fine soil. Sow 10 to 12 seeds in each hill, in late May, and, after danger of insects is over, reduce to 3 or 4 plants in a hill.

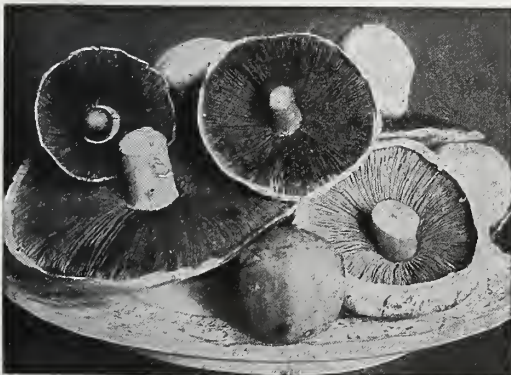
One ounce of seed will plant about 50 hills.

**Extra Early Hackensack.** Large; flattened at the ends and deeply ribbed; flesh green. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Gold-Lined Rocky Ford.** Medium-sized, round, closely netted melons with thick, sweet, green flesh, tinged with yellow around the small seed cavity. Late. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Hearts of Gold.** A large early melon of excellent quality. Flesh is thick, pink, and very finely flavored. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**Netted Gem.** Small, round, heavily netted, with green flesh of superb quality. Late. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.



Mushrooms

**Tip Top.** Large, ribbed fruits with thick orange flesh of finest quality. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

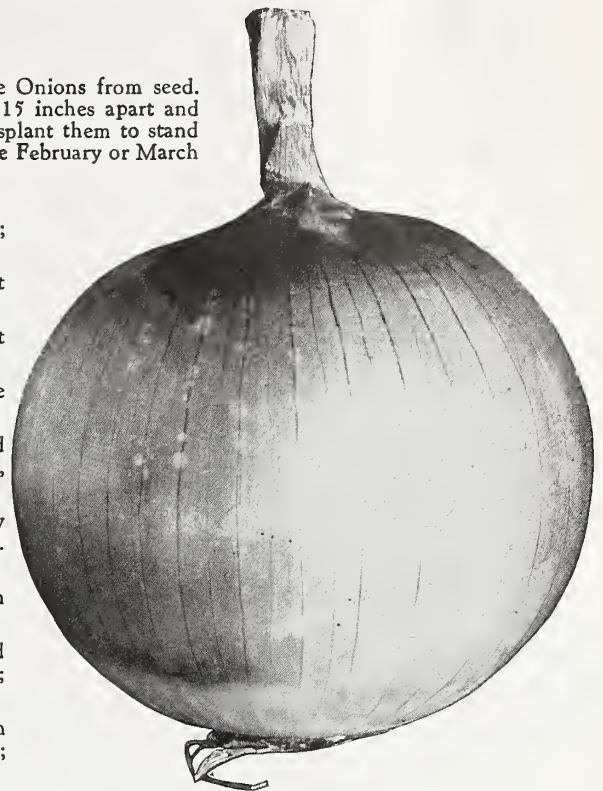
**Honey Dew.** Too well known to need description. Can be successfully grown in this section if started indoors in berry boxes or square pieces of sod so that the roots need not be disturbed in transplanting. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

## Mushroom Spawn

Mushrooms are easy to grow in a cellar or a disused shed and may also be propagated in the lawn around the home. Full directions are included with each order.

**Brick,** 30c, (postpaid, 40c); 10 bricks, \$2.50; 50 bricks, \$10.50; 100 bricks, \$20.00.

**Bottle Spawn.** \$1.25, postpaid.



Ailsa Craig Onion

## Watermelon (Wasser-Melone)

Use same culture as for Muskmelons but make the hills 8 to 10 feet apart and use weaker sprays for insect control.

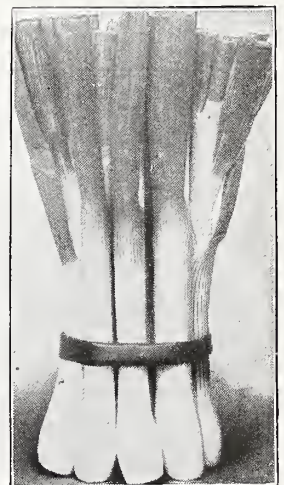
One ounce of seed will plant about 40 hills.

**ALABAMA SWEET.** Long, dark green; flesh red. A good shipper. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**Early Fordhook.** Extra early and will mature large, round melons in this section. Skin dark green; flesh scarlet, of excellent quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**KLECKLEY SWEETS.** The sweetest variety. Long, dark green, with crisp, red flesh. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**Citron, Red-Seeded.** Flesh thick and white; used for preserving. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c.



White Bunch Onion

## Parsley (Peterselie)

Sow in early spring in rows 1 foot apart and cover firmly  $\frac{1}{4}$  inch deep; thin out to 6 inches. The seed is slow and irregular in sprouting and may be hastened by soaking it in warm water several hours before sowing.

One ounce of seed will sow 200 feet of drill.

**CHAMPION MOSS CURLED.** Crimped and curled leaves, rich dark green. Vigorous. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

**Dwarf Extra Curled.** Compact in growth, with beautiful, densely curled leaves, bright emerald-green. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

**Plain-Leaved.** Taller and more strongly flavored than the curled sorts. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

**Hamburg Parsnip-Rooted.** Grown for its roots which are shaped like short, broad parsnips and are used for flavoring. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

## Parsnips (Pastinake)

Parsnips require a deeply dug but not necessarily rich soil. The largest and smoothest roots are grown in light, mellow soil, free from stones. Fresh manure causes rough and mis-shapen roots.

The seed should be sown as early as the ground is fit—never later than mid-May. Make the rows  $1\frac{1}{2}$  feet apart and cover the seed about  $\frac{1}{2}$  inch deep. Thin out the plants to stand 4 to 5 inches apart. Give frequent deep cultivation.

One ounce of seed will sow 100 feet of row.

**Hollow Crown.** Long, smooth, white roots of excellent table quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

**Lisbonais.** Similar to Hollow Crown but white and smooth skinned. Fine quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

## Rhubarb (Rhabarber)

Sow in early spring in rows  $1\frac{1}{2}$  feet apart, covering an inch deep. Thin out to 6 inches. In the fall, transplant to deep, rich soil, spacing the plants 3 to 5 feet apart each way, and mulch well with manure.

One ounce of seed will sow 150 feet of drill.

**Victoria.** The most popular variety. Large, tender, juicy stalks. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 80c.

### RHUBARB ROOTS

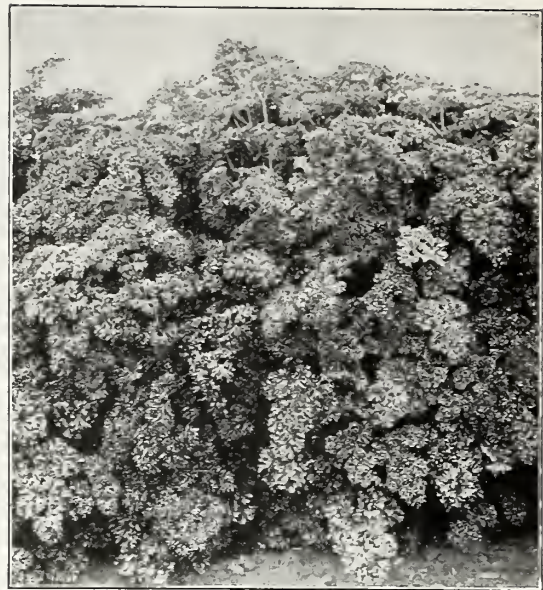
The quickest way to have Rhubarb is to plant clumps. If large clumps are planted, some stalks may be pulled the first year. Plant roots 3 to 5 feet apart in well-manured ground, cultivate frequently and cut off seed stalks as soon as they appear. After the ground is frozen, mulch with straw manure.

Our roots are strictly first quality from transplanted seedlings, all new roots and not the old woody clumps so often offered.

**Strong Roots.** 15c each; \$1.50 per doz.

**Clumps.** 25c each; \$2.75 per doz.

**Extra Large Clumps.** 50c each; \$5.00 per doz.



Champion Moss Curled Parsley

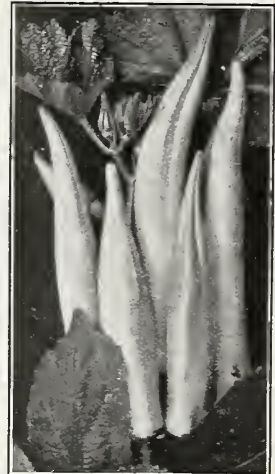
## Okra (Ocher)

Sow in rich, warm soil, about the middle of May, in drills 3 feet apart and cover an inch deep. Thin to  $1\frac{1}{2}$  feet. A fine vegetable for the home garden. The tender pods are delicious boiled and creamed and are also largely used to add flavor and substance to soups and stews.

One ounce of seed will sow 30 feet of drill.

**Long Green Pod.** Pods long, green and abundantly produced. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

**White Velvet.** Long, smooth, almost white pods. Pick when young and tender. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c.

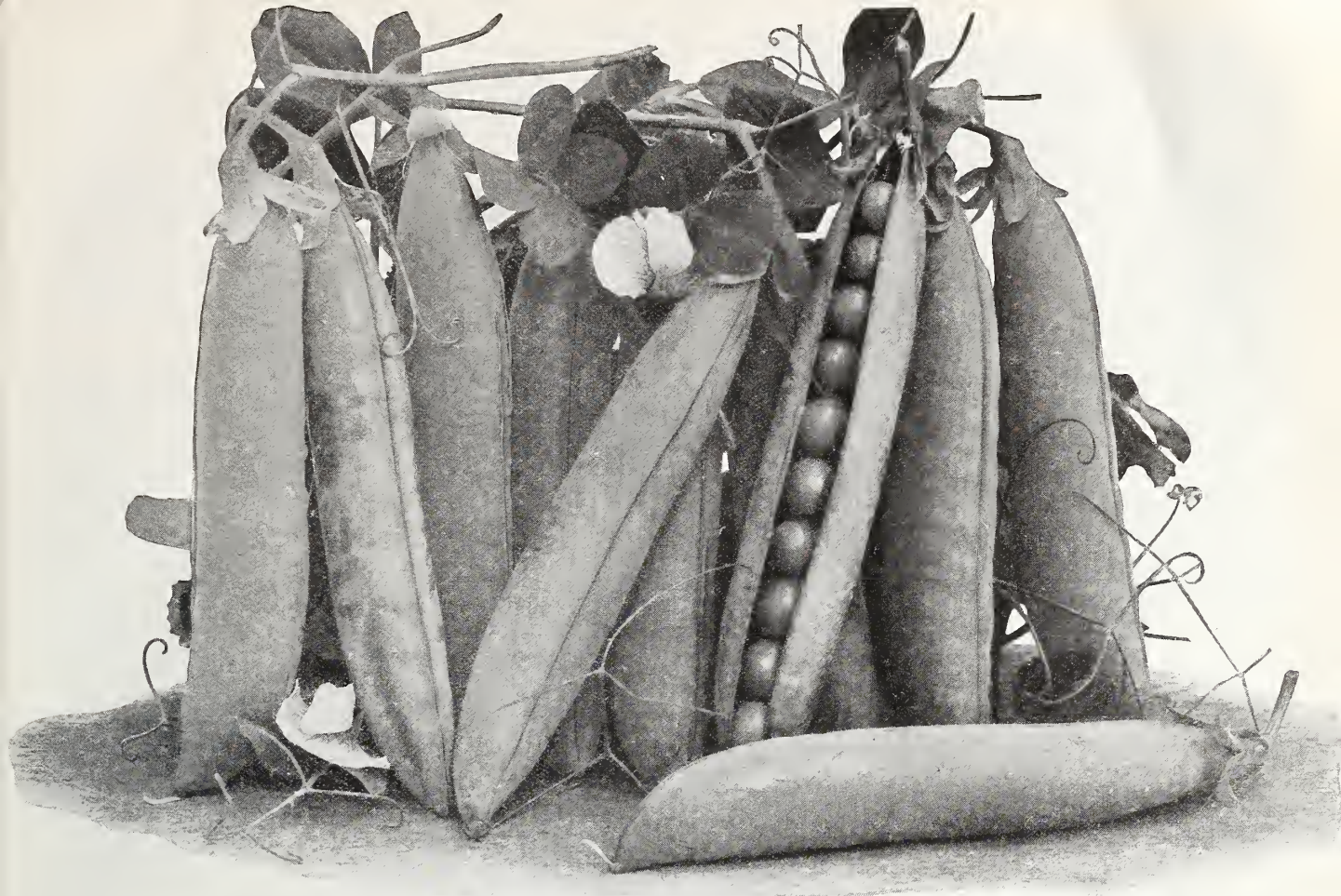


White Velvet Okra



Hollow Crown Parsnip





President Wilson Peas

## Garden Peas (Erbsen)

There are two classes of Peas, the smooth-seeded kinds, which are very hardy and may be planted as early in the spring as the ground can be prepared, and the wrinkled Peas, which are less hardy but much better in quality. Wrinkled Peas should not be sown much before mid-April.

Sow in drills about 3 feet apart and 3 inches deep. Tall-growing kinds may be grown in double rows, allowing 6 inches of space between in which to place brush or trellis to support the vines.

By planting 1 or 2 varieties of smooth-seeded Peas as early as possible and then a selection of wrinkled sorts that will mature in succession, a constant supply of tender green Peas may be had. Varieties are listed in the order in which they mature.

One quart of Peas will sow 100 feet of row.

If wanted by parcel post, add 8c per pint, 10c per quart.

### Earliest Varieties

**Extra Early Alaska.** The standard extra early Pea. Very productive and fine flavored. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**BRITISH LION.** Vines are very strong and grow 3 feet high. Pods average nearly 4 inches long, are dark green in color and well filled with Peas of finest quality. Not quite so early as Early Eight Weeks but yields much heavier. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$12.00.

**Early Eight Weeks.** Quickest maturing Pea in cultivation. Grows 15 inches high and bears a fine crop of good sized pods with large, tender Peas. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**World's Record.** A fine strain of Gradus or Prosperity and so superior to that variety that we have eliminated it from our list. Vines strong and vigorous, 3 feet tall and loaded with 4-inch pods. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**LAXTONIAN.** The finest in quality of the early Peas, and the largest podded. Vines 1½ feet high; pods 4 inches long, well filled. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**President Wilson.** One of the finest Peas we have seen and with a flavor surpassed by none. Plants are half-dwarf and do not require staking. Pods are dark green, 4½ to 5 inches long and contain 8 to 10 peas. Pods are borne on upper half of plants and so are easily picked. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**HUNDREDFOLD.** Similar to Laxtonian but not quite so tall. Very prolific and of the finest quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**Little Marvel.** Grows 15 inches high and bears several good pickings of 3½-inch pods, packed full of large, deep green peas of splendid quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

### PEAS—Main Crop

**POTLATCH.** A heavy yielding, high quality, main crop dwarf Pea. One of the best for home gardens. Vines 2 feet tall; pods 5 inches long, containing 8 to 10 large Peas. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**Boston Unrivaled or Improved Telephone.** Reliable and productive; vines 4 feet high; long, broad, light green pods. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**Alderman.** Robust strain of Telephone with dark green pods and vines. Pods are 4 to 5 inches long and usually contain nine large Peas of finest quality. Pkt., 10c; pt., 30c; qt., 60c; 4 qts., \$2.25; bu., \$10.00.

**Champion of England.** One of the sweetest Peas in existence but very late. Vines grow 4 to 6 feet tall and are very productive. Pkt., 10c; pt., 35c; qt., 65c; 4 qts., \$2.40; bu., \$12.00.

**Mammoth-Podded Sugar.** The half-grown pods of this type are delicious prepared for the table like snap beans. Pkt., 10c; pt., 40c; qt., 80c; 4 qts., \$3.00.



California Wonder Pepper

## Sweet Peppers

(Pfeffer)

Light, warm, mellow soil is best for Peppers. The seed should be started indoors or in the hot-bed early in March. Give the young plants plenty of heat and moisture, transplanting to paper pots when 3 inches high, and setting them out in the garden late in May.

One ounce of seed will produce 1000 plants.

**Neapolitan.** Extra early and prolific; fruits 3 inches long and rather narrow; mild. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25.

**RUBY KING or World Beater.** Always mild and sweet. Fruits thick-fleshed, 4 inches long, tapering to a blunt point. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25.

**Pimiento (Crimson Beauty).** Medium size and bluntly cone-shaped, perfectly smooth, very thick-fleshed and sweet as an apple. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25.

**Bullnose or Large Bell.** Good sized, square fruits; usually quite strong in flavor. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25.

**HARRIS' EARLY GIANT.** The earliest of the extremely large-fruited Peppers. Fruits fairly long and almost as large in diameter as Chinese Giant, with thick, meaty flesh and fine, mild flavor. Pkt., 10c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.40.

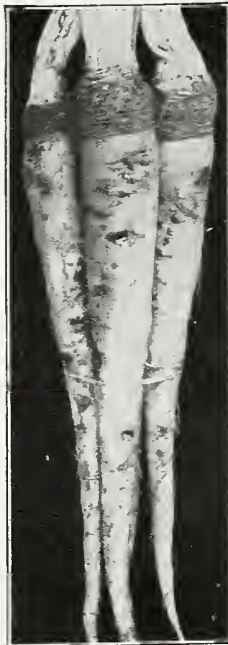
**Chinese Giant.** Fruits average 5 inches long and 4½ inches in diameter; thick fleshed and sweet. Pkt., 10c; ½ oz., 35c; oz., 70c; ¼ lb., \$1.75.

**Golden Queen.** Large, deep golden yellow fruits. Flesh is thick and mild. Ornamental as well as useful. Pkt., 10c; ½ oz., 35c; oz., 70c; ¼ lb., \$1.75.

**Squash or Tomato-Shaped.** Small, round, thick-fleshed, sweet flavored. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.25.

### California Wonder

The finest and largest Sweet Pepper. Plants grow strong and upright and bear 6 to 8 large smooth fruits with extra thick flesh. Fruits keep in good condition for a long time after picking. Pkt., 15c; ½ oz., 40c; oz., 75c.



Salsify

## Small Hot Peppers

**Anaheim Red Chili.** Prolific. Fruits very hot and pungent. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40.

**Large Red Cayenne.** Large hot peppers, 1 inch in diameter at the stem end, tapering to a point, about 4 inches long. Pkt., 10c; ½ oz., 40c; oz., 75c.

**Long Yellow Hungarian.** Long yellow fruits turning red at maturity. Very hot. Pkt., 10c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.00.

**Large Red Cherry.** Very pungent. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.40.

**Rainbow Wax.** Like Yellow Hungarian but shorter and thicker. Pkt., 10c; ½ oz., 40c; oz., 75c.

## Pumpkin (Grosse-Kurbis)

Sow in May in well-enriched hills 8 to 10 feet apart each way, or sow with corn, dropping a few seeds in every third or fourth hill.

One ounce of seed for 25 hills, 4 pounds for an acre.

**Connecticut Field.** Large, heavy, oblong in shape, with orange skin and orange-yellow flesh. Productive. Pkt., 10c; oz., 15c; ¼ lb., 40c.

**Cushaw Green Striped.** Creamy white, striped with green. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**LARGE CHEESE.** Large and flat, with creamy buff skin and yellow flesh. Good quality. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**KING OF THE MAMMOTH or Potiron.** Grows to an enormous size (often 100 pounds in weight.) Skin salmon-orange; yellow, coarse. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Small Sugar.** Small, round, bright orange, with fine grained, sweet, yellow flesh. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Winter Luxury or Pie Squash.** Sweetest of all Pumpkins. Medium size; round, with yellow skin and flesh. Pkt., 10c; oz., 20c; ¼ lb., 60c.

## Salsify

(Oyster Plant) (Haferwurzel)

A wholesome and delicious vegetable that will grow in any good garden soil. The name Vegetable Oyster is given it, owing to the flavor of the roots. Sow early in drills 15 inches apart and 1 inch deep, thinning out to 2 inches apart in the row. Take the roots up late in the fall and store in a cool, moist place.

One ounce of seed will sow 50 feet of drill.

**Mammoth Sandwich Island.** Large roots of superior quality and flavor. Pkt., 10c; oz., 30c; ¼ lb., \$1.00.



King of the Mammoth Pumpkin

Pepper, Tomato, Eggplant, and Cabbage plants are carried in stock in May and June.

# Radishes

(Rettig)

Crispy freshness is more essential to the good tasting qualities of the Radish than to any other vegetable root and the freshest roots are, of course, those pulled from your own garden.

**SOW SEED** thinly not more than 1 inch deep in drills from 12 to 15 inches apart and thin out to stand 2 or more inches apart, according to variety.

An ounce of seed will sow 100 feet of row.

## Spring Radishes

**THREE WEEKS FORCING.** Three Weeks Forcing Radish is just as the name implies, a Radish that is ready for the table in 3 weeks from sowing. The tops are very small and the roots medium size, bright scarlet in color and the finest quality imaginable. Plant a row in your garden and surprise your friends. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**SCARLET BUTTON or NON PLUS ULTRA.** Small, round, bright red roots; crisp and tender; ready for the table in 3 weeks from sowing. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Special Early Scarlet Globe.** Larger and deeper in shape than Scarlet Button, but a few days later. An ideal forcing Radish and very popular outdoors also. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**French Breakfast.** One of the most attractive and at the same time most delicious Radishes. Roots are olive shaped, 1½ to 2 inches long and bright scarlet with a pure white tip, almost irresistible when prepared for the table. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**CINCINNATI MARKET.** Smooth, slender roots 4 to 5 inches long, bright scarlet with white tip. Brittle and tender; excellent for forcing and outdoors. Pkt., 10c; oz., 20c; ¼ lb., 50c.



Scarlet Globe Radish



French Breakfast Radish

**SPRING RADISHES—Continued**  
**Crimson Giant.** Globe-shaped; a little later than Early Scarlet Globe; grows nearly twice as large and remains in good condition much longer. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**WHITE ICICLE.** Handsome, long, white roots of splendid quality, withstanding hot weather well and remaining in good condition a long time. Pkt., 10c; oz., 20c; ¼ lb., 50c.

## Summer Radishes

These grow well in hot weather and may be sown in May and June for summer use. They grow more slowly but attain a larger size than the early Radishes.

**Chartier's Improved.** Crisp, tender and mild, even in the hottest weather.

Long, smooth roots; rose shading to white at tip. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**WHITE STRASSBURG.** Roots 5 inches long and 1½ inches thick. Skin and flesh pure white. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Giant Stuttgart.** The largest and latest of this class. Elongated globe shape; pure white. Pkt., 10c; oz., 20c; ¼ lb., 50c.

## Winter Radishes

The Winter Radishes mature best in the cool fall months, attain a very large size and may be stored in boxes of sand in a cool cellar for use during winter. Sow in July or August.

**LONG BLACK SPANISH.** Grows 6 inches long and 2 inches broad. Grayish black skin and crisp, pungent, white flesh. The best keeper. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**Round Black Spanish.** Round in shape but otherwise similar to the preceding. Pkt., 10c; oz., 20c; ¼ lb., 50c.

**White Chinese or Celestial.** Cylindrical, often 12 inches long and 5 inches in diameter. Skin and flesh white. Pkt., 10c; oz., 20c; ¼ lb., 50c.



White Icicle Radish

# Beckert Seed and Bulb Company

## Healthful Spinach (Spinat)



Fornof's Green Gold Spinach

Spinach is one of the most healthful and at the same time one of the most easily grown vegetables and by judicious planning and planting may be had fresh from your own garden in all but the winter months. While true Spinach is primarily a cool weather crop, some varieties have been developed that stand up well in hot weather, and the New Zealand Spinach (*Tetragonia expansa*) actually grows best in the hot, dry months.

Make the first sowing as early in the spring as the ground can be prepared, in shallow drills 15 to 18 inches apart. For fall use, sow in August and September. Late sowings, protected with straw, will provide Spinach in winter and early spring.

One ounce of seed will sow 100 feet of drill.

**FORNOF'S GREEN GOLD.** A moneymaker for gardeners. Only a few days later than Bloomsdale, it remains in picking condition for a much longer time. Plants set close to the ground, making a rosette of thick, dark green, heavily crumpled leaves. Oz., 10c; ¼ lb., 25c; lb., 65c.

**Reselected Bloomsdale Savoy.** A quick-growing, productive sort with attractively crumpled leaves; hardy, requiring cool weather. Oz., 10c; ¼ lb., 25c; lb., 65c.

**King of Denmark.** Stands longer before going to seed than any other true Spinach. Vigorous and productive, with heavy, dark green, slightly crumpled leaves of good quality. Oz., 10c; ¼ lb., 25c; lb., 65c.

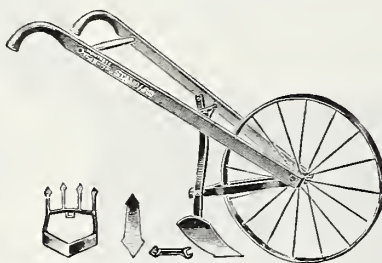
**JULIANA.** Rich dark green, deeply crumpled leaves. Stands 2 weeks longer than Long Season before shooting to seed. Oz., 10c; ¼ lb., 25c; lb., 65c.

**Triumph.** A vigorous, productive strain with heavy, crinkled leaves; long standing. Oz., 10c; ¼ lb., 25c; lb., 65c.

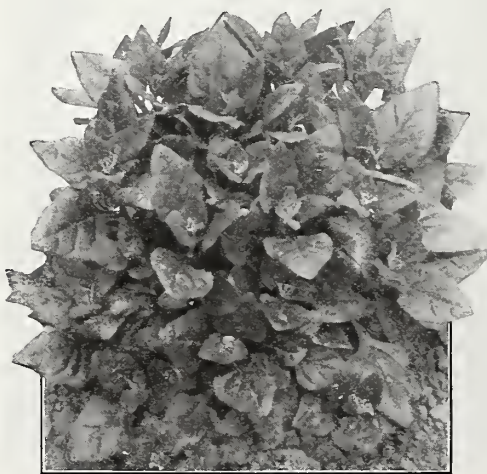
**Perpetual Summer.** Similar to Swiss Chard but bears all summer. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**VICTORIA.** Long season type of extra-fine quality, compact in growth and long standing. Oz., 10c; ¼ lb., 25c; lb., 65c.

**New Zealand.** A distinct type, making large bushy plants of which the young leaves and tips are used and may be cut every few days. It thrives in hot weather and furnishes quantities of fine greens all summer. Sow seed in early spring, in rows 2 to 3 feet apart. Soak the seed for several hours before planting to hasten germination. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.00.



No. 20 — Single High Wheel Cultivator. A handy and efficient cultivator. The handles can be instantly adjusted to suit the operator's height, or to regulate the depth of cultivation. \$5.00.



New Zealand Spinach

# 502 Liberty Avenue, Pittsburgh, Penna.

## Squash

(Kuerbis)

Plant the bush kinds in well-drained ground, enriched with rotted manure, in hills 5 feet apart each way; the winter kinds 10 to 12 feet apart each way.

One ounce of seed for 25 hills; 3 to 4 pounds per acre.

### Summer Varieties

**ACORN.** Small, dark green, acorn-shaped fruits, usually 6 inches long and 4 inches wide. Fine flavor; ripens early and at the same time is a good winter keeper. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**ZUCCHINI (True Italian Vegetable Marrow).** Imported strain of Cocozelle; dark green, almost black in color. Fruits are blunt ended and generally somewhat fluted. Plants are short and bushy with very heavy leaves protecting the fruits from the sun. Pkt., 10c; oz., 35c; ¼ lb., \$1.00.

**Green Striped Italian.** An improved strain of Cocozelle, darker green, shorter and more uniform shape. Very productive. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**Lagenaria (New Guinea Bean).** Vigorous climbing variety; fruits edible when young, attain a length of 4 to 6 feet when mature. Pkt., 15c; oz., 75c.

**Long Island White Bush.** Earlier and less scalloped than Mammoth White Bush. Pkt., 10c; oz., 20c; ¼ lb., 60c.

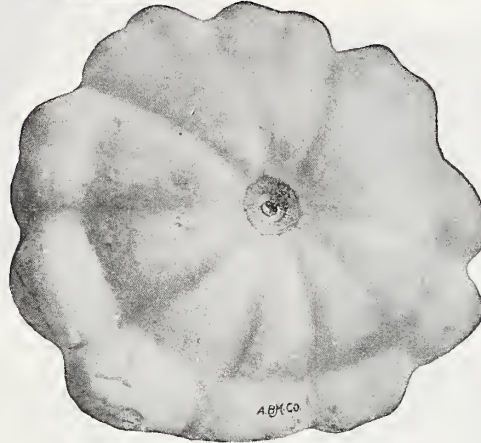
**Mammoth White Bush.** Fruits 10 to 12 inches across, of uniform shape, flattened, scalloped; pure white in color. Pkt., 10c; oz., 20c; ¼ lb., 60c.

**White Vegetable Marrow.** Similar to Cocozelle but larger and later. Skin light green; flesh white. Pkt., 10c; oz., 20c; ¼ lb., 60c.

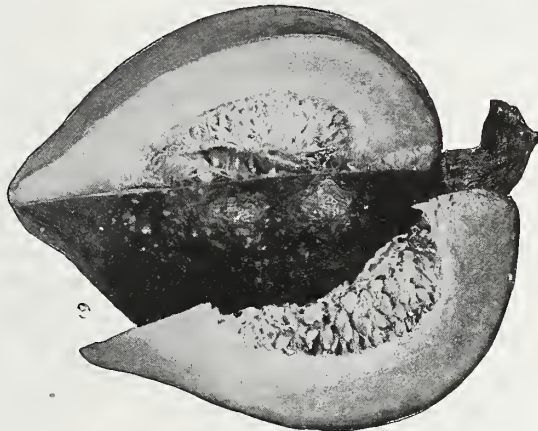
**Yellow Summer Straightneck.** Golden yellow, thickly warted and of fine flavor. One of the best Squashes for the home garden. Pkt., 10c; oz., 20c; ¼ lb., 60c.



Yellow Straightneck Squash



Mammoth White Bush Squash



Acorn Squash

### Winter Varieties

**Boston Marrow.** Similar in size and shape to improved Hubbard, with lemon-yellow skin and yellow flesh; rich and sweet. Extra fine keeper. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Hubbard, Blue.** A new variety of Hubbard Squash. Skin is blue; flesh is orange-yellow and even finer in flavor and texture

than the other Hubbards. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**Hubbard, Golden.** Same as Hubbard Improved, but skin is deep orange-yellow. Pkt., 10c; oz., 25c; ¼ lb., 75c.

**HUBBARD, IMPROVED.** The old favorite. Fruits large; skin dark green; flesh yellow and tender. Pkt., 10c; oz., 25c; ¼ lb., 75c.

### Garden Stakes

Stakes are a necessity for the well kept garden. We list here a few of the most popular lengths and sizes; complete listing will be found on page 58.

**Bamboo, Green.** Same thickness tip to butt. ¼ in. diameter.

	Doz.	100	1000
1½ ft. ....	\$0.15	\$0.50	\$3.00
2 ft. ....	.15	.60	3.75
2½ ft. ....	.20	.75	4.50
3 ft. ....	.20	.90	5.50
4 ft. ....	.25	1.25	7.00
5 ft. ....	.30	1.50	10.00

**Wood, Light, Round.** Tapering, painted green.

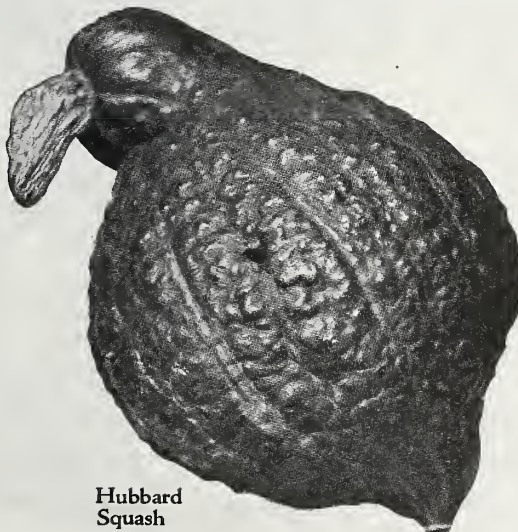
	Doz.	100
1½ ft. ....	\$0.30	\$ 2.00
2 ft. ....	.50	3.50
3 ft. ....	.85	6.00
4 ft. ....	1.25	9.00
5 ft. ....	1.75	12.50

**Bamboo, Extra Heavy.** ⅜ to ½ inch diameter.

	Doz.	100
4 ft. ....	\$0.60	\$ 4.00
6 ft. ....	1.00	6.00
8 ft. ....	1.25	7.00

**Wood, Heavy, Round.** Tapering, painted green.

	Doz.	100
3 ft. ....	\$1.50	\$10.00
4 ft. ....	2.00	13.00
5 ft. ....	2.50	17.00
6 ft. ....	3.25	20.00



Hubbard Squash

# Tomatoes

(Liebesapfel)

Sow the seed in late February or early March, in the hotbed or a box indoors placed in a sunny window. When the plants are 2 to 3 inches high, transplant them to other boxes or paper pots, and transplant again, if possible, when about 6 inches high, to make them stocky and stimulate root growth. Set the plants in the garden, 3 to 4 feet apart in late May. A rich, moist, loamy soil is best for Tomatoes. An occasional application of nitrate of soda will push the young plants along rapidly. Sow 3 or 4 different varieties in order to have a succession of fruit all summer. Supporting the plants with stakes or trellis will increase the yield.

One ounce of seed will produce about 2000 plants.

**Beauty.** A favorite large, pink or purple-fruited, main crop variety. Productive. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.50.

**Bonny Best.** Large, solid, deep scarlet fruits of superb quality. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.50.

**BREAK O' DAY.** Bright scarlet and about 10 days earlier than Marglobe, which it greatly resembles. Pkt., 10c; 1/2 oz., 40c; oz., 75c.

**Dwarf Stone.** Fruits large and bright scarlet, like Stone but plants are dwarf in growth. Quality excellent. Pkt., 10c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$1.75.

**PENN STATE EARLIANA.** The old standard extra early, bred to modern requirements. Fruits larger and borne over a longer period. Pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$1.75.

**Globe, Livingston's.** Medium large, productive under all conditions; one of the finest in quality. Fruits distinctly globe-shaped, purplish pink, solid, sweet and mild in flavor. Pkt., 10c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$1.75.

**John Baer.** Follows right after Earliana; more solid, globe-shaped and of better quality. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.60.

**JUNE PINK.** Similar in every way to Earliana except that the fruits are pink in color. Pkt., 10c; 1/2 oz., 35c; oz., 60c; 1/4 lb., \$1.60.

**SCARLET TOPPER.** (Pritchard.) A self-pruning midseason variety. Fruits are medium sized, globe-shaped and bright scarlet in color. Resistant to wilt and nail head rust. Vines strong and vigorous. Pkt., 10c; 1/2 oz., 40c; oz., 75c.

**MARGLOBE.** A blight- and wilt-resistant strain of Globe Tomato developed by the U. S. Department of Agriculture. A heavy yielder of smooth, meaty, globular fruits. Pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.00.

## Italian Paste Tomato (San Margano).

Imported from Italy where they grow them by the tons. Bright red, egg-shaped fruits with very thin skins, so that they are easily peeled. Fine for salads and unexcelled for making Tomato Paste. Fruits grow in clusters like grapes. Pkt., 25c; 1/2 oz., 60c; oz., \$1.00.



Bonny Best Tomato

**MARHIO.** A pink Marglobe of exceptional quality. Fruits large in size and very firm with few seeds. Pkt., 10c; 1/2 oz., 40c; oz., 75c.

**OXHEART.** Fruits are generally heart-shaped, very solid and contain few seeds. An excellent pink variety for the home garden. Pkt., 15c; 1/2 oz., 50c; oz., 90c.

**Ponderosa.** The largest of all Tomatoes. Enormous, slightly irregular, purplish pink fruits, solid, with few seeds and of superb flavor. Pkt., 10c; 1/2 oz., 40c; oz., 75c.

**Rutgers.** Medium early, large bright scarlet fruits. Disease-resistant. Pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.00.

**The Stone.** Extremely productive; large, smooth, meaty, bright scarlet fruit of fine quality. Pkt., 10c; 1/2 oz., 40c; oz., 70c; 1/4 lb., \$1.75.

**Yellow Ponderosa.** A tall variety, with large fruits in shape and quality like Ponderosa but clear light yellow in color. Pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.00.

**SMALL FRUITED TOMATOES.** Yellow Plum, Red Cherry, Yellow Peach, Red Pear and Yellow Husk. Each, pkt., 10c; 1/2 oz., 40c; oz., 75c; 1/4 lb., \$2.00.

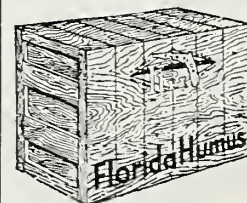
## Forcing Tomatoes

Ailsa Craig, Carter's Sunrise, Sterling Castle, Hundredfold. Each, pkt., 25c; 1/2 oz., 80c; oz., \$1.50.



Marglobe Tomatoes (Staked)

## Florida Humus



Nature's Storehouse of Fertility

Readily endorsed by all who have used it as the biggest boon to gardeners in recent years. Page 63.



Purple Top White Globe Turnip

# Turnip

(Weis Ruben)

Turnips thrive best in cool weather. The early flat sorts may be sown from very early spring up to the middle of May. The main crop for fall and winter use should be sown in July or August. Sow the seed in drills 1 to 1½ feet apart and thin out to stand 4 inches apart.

One ounce of seed to 150 feet of drill; 1½ to 2 pounds per acre.

**EXTRA EARLY WHITE MILAN.** Pure white, flat roots of excellent quality and flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.00.

**Purple-Top White Globe.** Handsome, globular roots, white with the upper portion bright purple. Splendid keeper. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

**Golden Ball or Orange Jelly.** Roots almost round, smooth, and of a deep yellow color. Flesh is very sweet and tender. May be used as either an early or late sort. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.00.

**Purple-Top Strap-Leaf.** Good for early spring or fall use. Flat white roots with purple top. Good table quality. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

**Seven Top.** Grown exclusively for the tops which are used in the same manner as spinach. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

**Snowball.** Pure white, globe shaped and of finest quality. Matures very early. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.00.

## Rutabaga or Swede

**AMERICAN PURPLE-TOP.** Elongated globe shape; skin yellow underground and purple above; flesh yellow, fine grained. A large cropper and splendid keeper. Grow like ordinary Turnips. Sow in June. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

### Seed Potatoes

All Seed Potatoes we offer are strictly northern grown certified stock, especially selected to grow in this district. Prices on request.

**EARLY OHIO.** The earliest variety. Pink skinned.

**IRISH COBBLER.** Universal favorite for both early and late crop.

**GREEN MOUNTAIN.** Large broad oblong Potatoes. Late, but a heavy yielder.

**DIBBLES RUSSET.** Our biggest seller. Disease-resistant, heavy cropper, and unexcelled quality.

# Garden Herbs

**Anise.** Annual. For garnishing, flavoring and medicinally for colic. Pkt., 10c; oz., 25c.

**Balm.** Perennial. Used medicinally. Pkt., 15c.

**Basil.** Annual. Leaves have aromatic flavor resembling cloves. Pkt., 10c; oz., 25c.

**Borage.** Annual. Bears pretty blue flowers throughout the summer. Leaves are used for flavoring. Pkt., 10c; oz., 25c.

**Caraway.** Biennial. Seeds are used as flavoring for bread, cheese and pastry. Pkt., 10c; oz., 25c.

**Catnip.** Perennial. Used for seasoning. Pkt., 15c.

**Chervil, Curled.** For soups and salads. Pkt., 10c; oz., 25c.

**Chives.** Perennial. For flavoring salads, etc. Pkt., 25c.

**Coriander.** Annual. Grown for its aromatic seeds. Pkt., 10c; oz., 25c.

**Cumin.** For flavoring soups and pastry. Pkt., 25c.

**Dill.** Annual. Used as a condiment and for making Dill pickles. Pkt., 10c; oz., 25c.

**Fennel, Florence (Finocchio).** Perennial. The thickened leaf stalks are boiled like celery. Flavor very sweet and delicate. Pkt., 10c; oz., 25c.

**Horehound.** Perennial. Used chiefly as a medicine. Pkt., 10c; oz., 40c.

**Lavender.** Perennial. The true sweet-scented Lavender. Pkt., 15c; oz., 75c.

**Marjoram, Sweet.** Annual. Leaves either green or dried are used for flavoring. Pkt., 10c; oz., 30c.

**Martynia proboscidea.** Annual. Young seed pods used for pickling. Pkt., 10c; oz., 40c.

**Mint.** Perennial. Spearmint for flavoring. Pkt., 20c.

**Rocket.** Used as a salad, or to cook like Spinach. Pkt., 10c; oz., 25c.

**Rosemary.** Perennial. Leaves for flavoring, flowers for perfume. Pkt., 10c; oz., 50c.

**Rue.** Perennial. Used in medicine. Pkt., 15c.

**Saffron.** Annual. Leaves are used for flavoring. Pkt., 10c; oz., 30c.

**Sage.** Perennial. Leaves, both green and dry, are used for flavoring. Pkt., 10c; oz., 30c.

**Savory, Summer.** Annual. Leaves and flowers used for flavoring. Pkt., 10c; oz., 25c.

**Sorrel.** Perennial. Leaves used as a salad or for greens. Pkt., 10c; oz., 25c.

**Tarragon.** Perennial. For making Tarragon Vinegar. Pkt., 25c.

**Thyme.** Perennial. Leaves are used for seasoning. Pkt., 10c; oz., 50c.

**Wormwood. (Absinth.)** Perennial. Very fragrant. Used as a tonic. Pkt., 15c.



Sweet Marjoram



Rosemary



Dill



Sage

# The World's Finest Seeds For Your Flower Garden

There are two big classes of flowers: **Annuals**, which bloom the same season seeds are planted and **Biennials** and **Perennials**, which for the most part do not bloom until the following year after sowing seeds (Biennials bloom the second season and then die; Perennials continue to bloom each year for an indefinite period).

Perennials, as a whole, have a longer blooming period but there are so many places where the annuals fit in and fill out that their

importance in the general garden scheme cannot be overlooked. Therefore the well-balanced garden will have a border of perennials, possibly interspersed with annuals to fill out during the summer months, one or more beds of annuals for mass effect and in a less conspicuous place a bed of annual flowers for cutting purposes. We give below a comparison of annuals and perennials which will aid you in making your selection.

## ANNUALS

- 1—Bloom in a short time from sowing.
- 2—Annuals must be planted yearly.
- 3—Period of bloom possible from annuals is roughly five months.
- 4—Most varieties of annuals bloom over a period of from 6 to 8 weeks.
- 5—Annuals give their best display from July 15th until frost.
- 6—Annual seeds are usually low priced but must be bought yearly.
- 7—Annuals are very free blooming, and when picked usually send out new flowering spikes.
- 8—Many annuals are quite fragrant.
- 9—The range of colors is very large, even in the same species.
- 10—For giving quick effect, annuals are unsurpassed.

## PERENNIALS

- 1—Bloom second year from sowing.
- 2—Perennials come up each year.
- 3—Period of bloom possible from perennials, including bulbous plants, is nine months.
- 4—The blooming period of most of the individual perennials is short, usually 2 to 3 weeks.
- 5—May and June see the perennials at their best with another display in late fall, even after frost.
- 6—Perennial seeds are more expensive than the annuals, but need only be bought once.
- 7—Perennials are not so free blooming as annuals and with few exceptions, do not send out another crop when picked.
- 8—Few of the popular perennials are fragrant.
- 9—The range of colors is limited, especially in the same species.
- 10—Perennials will not give a quick effect, but are of a permanent nature.

**TIME TO SOW.** Sow hardy annuals outdoors as soon as the ground can be worked. The tender annuals can be started indoors in March or April or outdoors after danger from frost is past. Biennials and Perennials, which do not bloom the first season, are generally sown in a seed bed in June, July or August, and transplanted in late summer to the place where they are to bloom the following season. Perennials which bloom the first season should be sown in a box indoors in February or March, and transplanted to the garden late in May.

**SOIL AND PREPARATION.** Flowers can be successfully grown in practically all soils. Some good fertilizer, such as Florida Humus, Pulverized Sheep Manure, or Bone Meal, should be dug in and thoroughly mixed with the soil when it is prepared for planting. The surface should be made as fine and level as possible.

**PLANTING.** The first thing to remember in planting flower seeds is not to plant them too deeply. The very fine seeds such as Petunia, Snapdragon, etc., should be scattered on the surface and pressed into the soil with a flat board. Sow larger seeds in shallow drills.

**TRANSPLANTING AND THINNING OUT.** With but a few exceptions, notably Poppies, young flower plants may readily be transplanted, so that they may be started in a hotbed or cold frame, or even in boxes in a sunny window, for later transplanting to the place where plants are to bloom.

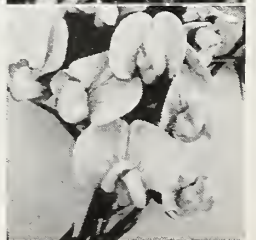
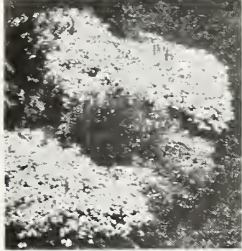
As soon as the seedlings are large enough to handle, they should be transplanted or thinned out to prevent overcrowding. Set plants slightly deeper than they were before lifting and be sure to firm the soil around the roots. A good rule for spacing plants in the garden is to set them apart half their full grown height.

## Explanation of Symbols

Immediately following the names of the different flowers will be found the letters AH, PH, etc. These are to be interpreted as follows:

- AH—(Annual hardy). Sow seed outdoors as soon as ground can be worked.
- AHH—(Annual half hardy). Sow early indoors or outdoors after May first.
- BH—(Biennial hardy). Requires very little winter protection.
- BHH—(Biennial half hardy). Best to winter in a cold frame.
- BT—(Biennial tender). For greenhouse use.
- PH—(Perennial hardy). Requires very little winter protection.
- PHH—(Perennial half hardy). Best to winter in a cold frame.
- PT—(Perennial tender). For greenhouse use.

Flower Seeds, for convenience in ordering, are grouped into two sections—Annuals and tender Biennials and tender Perennials, on pages 22 to 43, inclusive, and the hardy Biennials and Perennials on pages 44 to 51, inclusive.







Ageratum, Dwarf Blue

**Arctotis Hybrida**  
(African Daisy) AHH

761 A rare novelty that is surprisingly easy to grow. Flowers are daisy-shaped in a wide range of colors and with dark center discs. Good for bedding and fine as cut flowers. Pkt., 25c.

**Arctotis Grandis**  
(African Lilac Daisy) AHH

760 Bushy plants 2 feet high, with daisy-like flowers. Petals are white on top, lilac underneath. Blooms all summer. Pkt., 10c; 1/4 oz., 35c.

**Abutilon PT**  
(Flowering Maple)

510 Choice Hybrids. Everblooming greenhouse shrubs with delicately veined, bell-shaped flowers. May be set outdoors after June 1st. Pkt., 25c.

**Agathaea PT**

565 Coelestis. A beautiful, clear blue Daisy, growing 18 to 24 inches high. Plants are tender perennials, but may be treated as annuals, blooming in August from seed planted indoors in March. Pkt., 15c.

**Alonsoa (Maskflower) AHH**

600 Warscewiczii. Bushy plants 1 1/2 feet high with spikes of bright scarlet flowers. Somewhat similar to scarlet sage. Pkt., 15c.

**Asparagus PT**

Attractive greenhouse semi-trailing vines.

781 Plumosus nanus. Misty green spray; very useful in the arrangement of cut flowers. Pkt., 25c; 100 seeds, 75c.

782 Sprengeri. Coarser and of more bushy growth than the above. Pkt., 15c; 100 seeds, 50c.

**Antirrhinum, Greenhouse Forcing**

There are almost numberless forcing varieties, each having its good points. We have selected the seven varieties listed below as being the best of their color and the most satisfactory to grow. All have been grown especially for forcing and the seed hand-picked to insure high germination.

701 Afterglow. Golden bronze.

702 Ceylon Court. Canary-yellow.

703 Cheviot Maid. Light rose-pink.

704 Geneva Pink. Rose-pink.

705 Roman Gold. Pink, copper and yellow.

706 Suntan. Tawny rose.

707 Lucky Strike. Pure white.

Each, pkt., 50c; 3 pkts., \$1.25.

**Ageratum - Flossflower AHH**

Continuous blooming, bedding and cutting annuals. Flowers are tuft-shaped and borne in heads. Dwarf sorts for bedding and window boxes and the tall sorts for cutting. All varieties are fine for edging beds or borders. For early blooms seeds should be started indoors in March.

572 Fairy Pink. Dwarf salmon-pink. Pkt., 25c.

575 Blue Perfection. Improved tall variety with deep sky-blue flowers. Height, 12 inches. Pkt., 10c; 1/4 oz., 50c.

576 Little Blue Star. Very dwarf and bushy, best variety for edging. Bright blue. Height, 5 inches. Pkt., 25c; 5 pkts., \$1.00.

573 Dwarf Blue. Height, 8 inches. Pkt., 10c; 1/4 oz., 30c.

578 Blue Ball. Deep ageratum-blue. Plants are dwarf and compact and very free flowering. Pkt., 15c.

**Amaranthus AHH**

Showy plants with brilliantly colored foliage.

635 Sunrise. A superb new Amaranthus with glowing crimson foliage. Height, 3 to 4 feet. Pkt., 25c.

633 tricolor splendens (Joseph's Coat). Gorgeous scarlet, yellow and green foliage. Height, 2 feet. Pkt., 10c; 1/4 oz., 30c.

**Alyssum AH**

Very dwarf-growing bedding or edging plants, covered with tiny white blossoms from early summer until frost.

612 Little Gem. Dwarf and compact; pure white. Pkt., 10c; 1/4 oz., 25c; oz., 75c.

613 Carpet-of-Snow or Dwarf Bouquet. Plants flat and spreading. Pkt., 10c; 1/4 oz., 30c; oz., \$1.00.

615 Snowflakes. The most compact and dwarf Alyssum. Flowers are pure snow white. Pkt., 15c; 1/4 oz., 75c.

614 Lilac Queen. Similar to Little Gem but lavender flowers. Pkt., 10c; 1/4 oz., 30c.

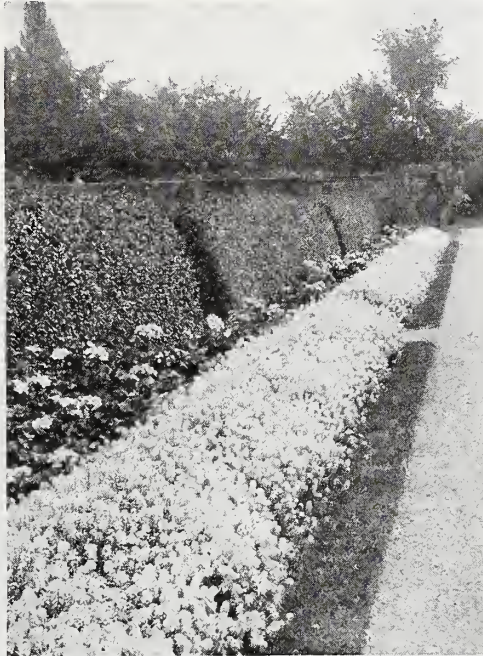
**Anchusa AH**

650 Blue Bird. Until the introduction of this charming novelty the annual Anchusas have been too straggly to be of use. Blue Bird is an upright bushy plant covered with bright indigo-blue, Forget-me-not-like flowers. Height, 18 inches. Pkt., 15c.

**Adonis**

(Flower of the Gods)

Blooms in early summer. The whole plant resembles a very dwarf Cosmos. 561 Aestivalis. AH. Scarlet. Height, 12 inches. Pkt., 15c.

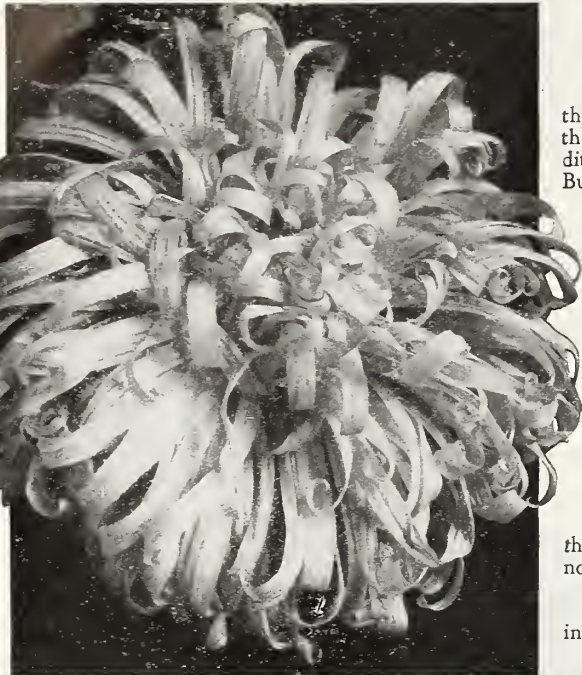


Alyssum, Little Gem



Arctotis Hybrida

# Beckert Seed and Bulb Company's Supreme Asters



California Giant Aster

**WILT-RESISTANT CALIFORNIA GIANT.** New race of Asters that surpasses, by far, any previously introduced. Plants strictly branching type, bearing their blooms on long, strong stems. The flowers themselves leave nothing to be desired. They are the same type as the Crego or Ostrich Feather Aster, with long, twisted and curled petals, full double, and when well grown, 5 to 6 inches in diameter.

- 821 Deep Purple. Royal purple.
- 822 Deep Rose. Rich clear rose.
- 823 Light Blue. Clear light lavender-blue.
- 824 Peach Blossom. Peach-blossom-pink.
- 825 White. Pure snow white.
- 830 Supreme Mixed. A fine mixture containing all the above and other colors. Each, pkt., 25c; 1/8 oz., 75c.

829 COLLECTION: One pkt. of each of the above 5 colors, \$1.10.

**WILT-RESISTANT LATE AMERICAN BEAUTY ASTER.** The latest and the finest of all Asters. Plants 2 to 3 feet high, branching type. Commence to bloom in early September. Flowers are extremely large and are borne on 1 1/2' to 2-foot stems. They ship well and last a long time in water.

- 871 Carmine-Rose. The original American Beauty Aster.
- 872 Crimson. Rich deep crimson.
- 873 Lavender. Light grayish lavender.
- 874 Purple. Deep royal purple.
- 875 September Beauty. Flesh-pink.
- 876 White Beauty. Mammoth in size.
- 880 Finest Mixed. All colors blended. Each, pkt., 15c; 1/4 oz., 75c.
- 879 COLLECTION: One pkt. of each of the above 6 colors, 75c.

**SUPER GIANT ASTERS.** By far the finest and largest full double Asters grown. Plants are strong and robust, about 2 1/2 feet tall with 6 to 8 non-lateral branches. Flowers are truly immense in size, often 6 to 8 inches across, with beautiful, graceful, interlacing petals. Blooms in September.

- 935 Los Angeles. Delicate shell-pink. Pkt., 25c.
- 936 El Monte. Brilliant crimson, blooms a little earlier than Los Angeles. Pkt., 25c.

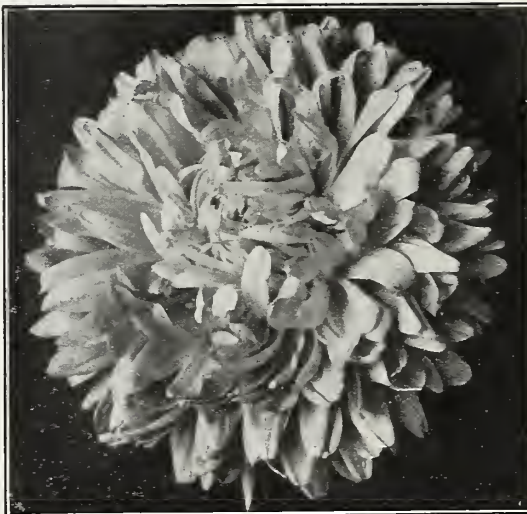
Many flower lovers omit Asters from their gardens, under the impression that they are difficult to grow, but during the past summer we have seen them growing side by side under what appeared to be the worst possible conditions with such hardy carefree flowers as Calliopsis, Poppies and Bachelor Buttons; there was even one lot interspersed, with a most brilliant effect, in a shrubby border.

**Culture.** Plant Aster seed indoors or in a hotbed in March for early blooms. When plants are 2 to 3 inches high, thin out or transplant to stand 4 inches apart each way or into 2 1/2-inch pots. When 6 inches high, plants should be set in their permanent position, never closer than 12 inches apart.

Excellent results are also obtained by sowing seed where plants are to bloom. We have found that in many instances Aster-wilt and the yellows are less prevalent on plants raised in this manner. Sow seed in same manner as other annuals in a fine seed bed and do not cover too deeply. When large enough, thin out or transplant as given above.

**Aster Diseases.** Damping-off and Aster-wilt may be prevented by treating the seeds with Semesan before planting, or the roots may be dipped in a normal solution of liquid Semesan when transplanting.

The Aster Beetle has not been so bad the past few years, but is easily kept in control by the use of an arsenical spray.



American Beauty Aster

## Single Chinese Aster

With a charm all their own the single Asters make ideal cut flowers. Plants are well branched and about 2 feet high; flowers are 2 1/2 to 3 inches in diameter, with flat petals, closely placed.

- 854 Carmine-Rose.
- 852 Dark Blue.
- 855 Bright Scarlet.
- 853 Light Blue.
- 860 Mixed.

Each, Pkt., 15c; 4 pkts., 50c.

### ADCO MAKES MANURE

Adco when applied to a pile of vegetable matter makes excellent manure. See page 55.



Single Chinese Aster

# Beckert Seed and Bulb Company's

## Supreme Asters

**WILT-RESISTANT ASTERS.** The dreaded Aster-wilt has caused many gardeners to omit this beautiful flower from their gardens. Now with these wilt-resistant strains, developed after years of work, it is again possible to grow these lovely annuals, no matter how badly the soil is infested. No treatment of seed or soil is necessary before planting. These Asters are not resistant to the Aster Yellows, which is a disease carried by leaf-hoppers, the same as malaria is transmitted by mosquitoes, but the leaf hoppers can be controlled by frequent spraying with Ever Green Spray. See page 56.

**930 CALIFORNIA GIANT SUNSHINE ASTER.** A superb new Aster, the result of a direct cross between the Double California Giants and the old Sunshine type. Plants grow 2½ to 3 feet high, and bear long stemmed flowers 5 to 6 inches across. Colorings are just as vivid as those of the old Sunshine type, yellow center discs and encircling guard petals with outer rows either pink, rose or blue. Pkt., 25c.

**WILT RESISTANT ROYAL ASTER.** Blooms early and over a long period, flowers are fairly large and are borne on long stems suitable for cutting.

- |              |                |           |
|--------------|----------------|-----------|
| 841 Lavender | 843 Rose       | 845 White |
| 842 Purple   | 844 Shell-Pink | 850 Mixed |
- Each, pkt., 15c; ¼ oz., 75c.

849 Collection: One pkt. of each of the above 5 colors, 60c.

**WILT RESISTANT QUEEN OF THE MARKET ASTER.** These start the Aster season in July. The plants are bushy, branching freely and bear full, double flowers.

- |                |                |
|----------------|----------------|
| 901 Crimson    | 904 Lavender   |
| 902 Dark Blue  | 905 Scarlet    |
| 903 Flesh-Pink | 906 Pure White |
- 910 All Colors Mixed
- Each, pkt., 15c; ¼ oz., 75c.

909 Collection: One pkt. of each of the above 6 colors, 75c.

**WILT RESISTANT AMERICAN LATE BRANCHING ASTER.** The flowers are large and full-centered, borne on long, strong stems, making them ideal for cutting.

- |                |                      |
|----------------|----------------------|
| 801 Crimson    | 805 Copper-Rose      |
| 802 Dark Blue  | 806 Pure White       |
| 803 Light Blue | 810 All Colors Mixed |
- 804 Shell-Pink
- Each, pkt., 10c; ¼ oz., 75c.

809 Collection: One pkt. of each of the above 6 colors, 50c.



Giant Sunshine Aster



Aurora Aster

### Aurora Asters

A distinct type from Italy, somewhat similar to Sunshine Asters, but the guard petals are much closer together and centers are full.

**940 Azure Blue.** Guard petals are clear azure-blue with bright yellow center quills. Plants strong and vigorous, about 2 feet high. Pkt., 25c.

**941 Golden Queen.** Similar to the above but outer guard petals are creamy white, while the quills are a deeper yellow at the center. Pkt., 25c.



King Aster

**THE KING or NEEDLE TYPE ASTER.** Quite distinct in form, with narrow, quilled petals, like a fine Cactus Dahlia. Flowers large, on long, stiff stems. Last for a long time in water.

- |                   |                 |                |
|-------------------|-----------------|----------------|
| 861 Crimson King  | 863 Pink King   | 866 White King |
| 862 Lavender King | 864 Violet King | 870 Mixed King |

Each, pkt., 10c; ¼ oz., 75c.

869 COLLECTION: One pkt. of each of the above 5 colors, 40c.

### SPECIAL VARIETIES OF ASTERS

**937 New Fancy Yellow Aster.** A yellow Aster that is really worth while. Flowers are fairly large, borne on long stems, and clear yellow in color. Pkt., 20c; ¼ oz., \$1.25.

**934 Peerless Pink.** Lovely light rose-pink. Large, late, and one of the best cut flowers. Pkt., 15c; ¼ oz., \$1.00.

# Antirrhinum or Snapdragon PHH

We offer this year a complete new listing of antirrhinum or snapdragons, all of which, with the exception of the Forcing and Tom Thumb varieties, are rust-proof or rust-resistant. The Giant Colossal type includes colors not offered previously and besides being rust-resistant are even finer than they have been in the past. The same holds true for the Half-Dwarf varieties. The Forcing varieties are all standard and especially grown for forcing under glass. Antirrhinum Tom Thumb is an excellent subject for rock garden work.

Snapdragons are general favorites, bearing long spikes of various colored flowers all summer. The Half-Dwarf varieties are splendid for low beds or borders, and for window boxes. The tall kinds may be grouped very effectively in the general border and are unexcelled as cut flowers.

Seed started indoors in February or March will bloom in early July or if started outdoors will bloom in August. Plants may be wintered in a cold frame for bloom the following year.

## Giant Colossal Flowering

This type of antirrhinum has always been a specialty with us and now that we are able to offer it in the improved rust-proof varieties and grand new shades it should prove more popular than ever. Plants are 2 to 2½ feet tall with nice long stems for cutting.

- 681 Alaska. Pure white.
  - 682 Appleblossom. Light rose and yellow.
  - 683 Canary Bird. Light canary-yellow.
  - 684 Campfire. Luminous scarlet with yellow lip.
  - 685 Cattleya. Beautiful lilac-rose.
  - 686 Copper Shades. Delightful copper combinations.
  - 687 Crimson. Deep crimson.
  - 693 Daffodil. Golden yellow.
  - 688 Fair Lady. Silver-pink with yellow lip.
  - 691 Loveliness. Delightful soft rose-pink.
  - 692 Old Gold. Deep golden yellow.
  - 694 Wallflower. Wallflower-red.
- Any of the above: Pkt., 20c; ½ oz., 75c.  
 699 Collection: One pkt. of each of the above 12 sorts, \$2.00.  
 700 Superb Mixed. Pkt., 15c; ¼ oz., 75c.

## Half-Dwarf Colossal Flowering

Flowers are almost as large as the Giant Colossal strain and the colors are bright and true. Bushy growth, seldom over 15 inches high, and covered with bloom from early summer until late fall. Stems long enough to make cut flowers.

- 722 Carmine Rose. Deep carmine-rose.
  - 721 Glowing Sunset. Lower half of flower is scarlet, while the upper half is tinged with rose.
  - 724 Indian Girl. Brownish orange overlaid with yellow, giving an old gold effect.
  - 726 Purity. Pure white.
  - 727 Red Boy. Rich, deep dazzling scarlet.
  - 728 Wildfire. Brightest orange-scarlet with distinct yellow lip.
  - 729 Collection: One pkt. of each of the above 6 sorts, 75c.
  - 730 Half Dwarf Mixed. A superb blend of colors.
- Any of the above: Pkt., 15c; ¼ oz., 75c.

## Tom Thumb Mixed

- 708 A very dwarf variety 6 to 8 inches tall. Useful for borders and rock gardens. Wide range of colors included. Pkt., 15c; ¼ oz., 75c.
- Antirrhinum for Forcing See Page 23.



Double Balsam



Giant Antirrhinum



Brachycome

## Begonia PT

- Everblooming bedding varieties. Pretty dwarf bedding and potting plants with waxy flowers and glaucous foliage. Start seed early in greenhouse.
- 981 Erfordia. Carmine, with dark foliage. Pkt., 25c.
  - 983 gracilis luminosa. Fiery dark scarlet. Pkt., 25c.
  - 984 gracilis, Prima Donna. Beautiful pink. Pkt., 25c.
  - 982 Gustav Knaake. Salmon-pink. Pkt., 25c.
  - 985 semperflorens, Salmon Queen. Rich clear salmon. Pkt., 25c.
  - 986 Sutton's Brightness. Carmine-rose, green foliage. Pkt., 25c.

## Balsam AHH

- Double Camellia Flowered. Old-time favorites with beautiful double camellia-like blossoms borne amongst the foliage. Blooms all summer. Height, 1½ ft.
- 961 Blush White
  - 962 Flesh-Pink
  - 963 Salmon-Pink
  - 964 Scarlet
  - 965 Solferino
  - 966 White
- 970 All Colors Mixed.  
 Each, pkt., 10c; ¼ oz., 35c.

- 969 Collection: One pkt. of each of the above 6 colors, 50c.
- 960 Dwarf Double Torch. Not since the introduction of Guinea Gold Marigold in 1933 have we been so enthusiastic about a flower, as we are about this charming balsam. Scarcely 10 inches high, it is literally smothered with vivid vermilion, rose-like blooms, and, best of all, it is not one of those particular flowers; it grows equally well in full sun or partial shade, may be started indoors early or sown out-of-doors in May and even at date of writing this, October 20th, is still in bloom. Truly a flower for every garden. Pkt., 25c; 5 for \$1.00.

## Balloon Vine - Cardiospermum AH

- 950 Quick-growing annual climber bearing small white flowers followed by green, balloon-like seed-pods. Pkt., 10c; ¼ oz., 20c.

## Bartonia AH

- 975 Aurea. Free flowering annual, grows about 18 inches tall and is literally covered with bright yellow cups. Pkt., 15c.

## Brachycome AHH

- 1022 Iberidifolia, Mixed (Swan River Daisy). Bushy plants 1 foot tall, bearing a profusion of small daisy-like flowers in shades of blue, pink and white. Pkt., 15c; ¼ oz., 50c.



Calliopsis

### Cacalia AH

1026 Mixed (Tassel-flower.) Plants 1½ feet tall, bearing yellow and scarlet tassel-like flowers all summer. Pkt., 10c.

### Canary Bird Vine AHH

(*Tropaeolum canariense*)

1120 Attractive slender climber with curiously shaped bright yellow flowers. Pkt., 10c; ¼ oz., 20c.

### Canterbury Bells, Annual AH

1076 Like the hardy Canterbury bells but will bloom the first year from seed. Plants grow as tall and bear just as large flowers as the hardy form. Mixed colors. Pkt., 25c.

### Calliopsis - Bright Eyes AH

Small cosmos-like flowers on bushy plants, of the easiest culture. They bloom all summer and will seed themselves and so come up from year to year. Plant seed in shallow drills as early in the spring as ground can be prepared, or on large areas, where a wild effect is wanted, broadcast and rake in.

1051 **Crimson King.** Dwarf; deep garnet. Pkt., 10c; ¼ oz., 30c.

1052 **Golden Ray.** Dwarf; bright yellow. Pkt., 10c; ¼ oz., 30c.

1053 **Tiger Star.** Dwarf; reddish brown, striped with yellow. Pkt., 10c; ¼ oz., 30c.

1054 **Crown of Gold.** Pure yellow; grows 2 to 3 feet tall and is extra-fine for cutting. Pkt., 10c; ¼ oz., 30c.

1055 **Golden Wave.** (C. Drummondii.) Medium height; golden yellow with brown eye; very showy. Pkt., 10c; ¼ oz., 30c.

1057 **Tall Mixed.** Pkt., 10c; ¼ oz., 25c.

1058 **Dwarf Mixed.** Pkt., 10c; ¼ oz., 25c.

## Calendula - Pot Marigold AH

One of the easiest and most satisfactory flowers to grow. Equally useful for bedding or cutting. Blooms all summer and requires very little care. Plants 15 inches high, bearing double daisy-like flowers on long stems.

1030 **Orange Shaggy.** A really new and distinct calendula. Brightest golden orange in color, the fringed petals give a most distinctive appearance. 1935 Gold Medal Winner. Pkt., 15c.

1031 **Chrysantha or Sunshine.** Plants grow about 2 ft. tall and bear their huge flowers on long stems. Buttercup-yellow. Pkt., 15c.

1038 **Campfire or Sensation.** Color is bright glowing orange, almost scarlet. Flowers are extra large and borne on long stems. Pkt., 15c; ¼ oz., 50c.

1036 **Ball's Orange.** The best for forcing. Plants bushy and not inclined to straggle. Flowers are full double and a deep glowing orange color. Pkt., 25c; ¼ oz., 50c.

1037 **Radio.** Deep orange with quilled petals. A pleasing change from the flat petalled varieties. Pkt., 15c; ¼ oz., 50c.

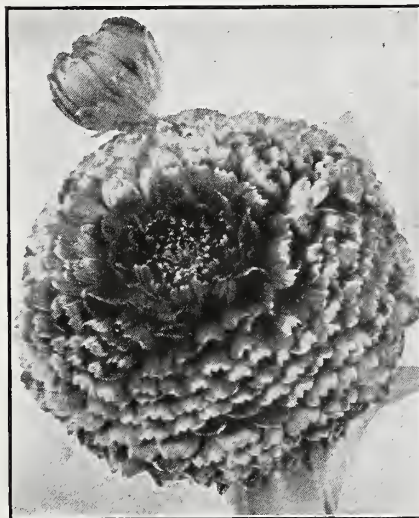
1032 **Lemon Queen.** Extra fine lemon-yellow. Pkt., 10c; ¼ oz., 25c.

1035 **Orange King.** Bright reddish orange. Pkt., 10c; ¼ oz., 25c.

1040 **Choice Double Mixed.** A well blended mixture that includes all colors. Pkt., 10c; ¼ oz., 25c.

1024 **BROWALLIA elata, Mixed (Amethyst).** AHH. Bushy plants 1½ feet tall, covered with blue or white star-shaped flowers. Blooms all season. Pkt., 10c; ¼ oz., 50c.

1023 **speciosa major.** AHH. Fine large deep blue flowers much larger than the elata type. Pkt., 50c.



Calendula

## Calceolaria PT

1028 **Covent Garden Hybrids (Slipper Flower.)** Very pretty pot plants bearing a profusion of pocket-shaped flowers in shades of yellow and pink, spotted brown. Pkt., 50c.

### Blue Lace Flower AHH

(*Didiscus caeruleus*)

1010. That elusive shade of sky-blue, so necessary for artistic decorations. Plants are bushy in form, about 2 feet high. Flowers resemble a blue Queen Anne's Lace flower and are borne on long graceful stems. Best results are obtained by planting seed where it is to bloom, so that transplanting will not be necessary. Pkt., 15c.



Blue Lace Flower



Umbellata Candytuft

## Celosia - Cockscomb

AHH. Showy annuals with handsome foliage and gorgeously colored flower-heads. For largest and finest flowers, start seed indoors in March.

**Crested Cockscomb** (*C. cristata*). Curiously shaped flower-heads resembling a rooster's comb. Height, 10 in.

1201 **Empress**. Rich crimson. Pkt., 15c.

1203 **Queen of the Dwarfs**. Dark rose. Height, 6 to 8 in. Pkt., 15c.

1204 **Dwarf Mixed**. Pkt., 10c; ¼ oz., 50c.

**Plumed Cockscombs** (*C. plumosa*). Two feet tall with large, pyramidal, feathered or plumed heads.

1211 **Thompsoni Crimson**.

1212 **Thompsoni Yellow**.

1214 **Thompsoni Superb Mixed**.

Each, pkt., 10c; ¼ oz., 50c.

1220 **Pride of Castle Gould**. A truly magnificent type of plumed Celosia. Blooms are long and feathered, like ostrich plumes, much more brilliant in color than the above. Supplied in mixed colors only. Pkt., 25c; ⅛ oz., \$1.00.

**Chinese Woolflower** (*C. Childsi*). A distinct form of Celosia bearing large, globular flower-heads that resemble balls of silky wool. Height, 2 ft.

1221 **Crimson**

1230 **Mixed**

Each, pkt., 15c; ⅓ oz., 40c.

### CELOSIA LILLIPUT MIXED

1206 A fine new variety especially adapted for rock gardens. Plants are dwarf and compact with large flower heads in many fine shades. Pkt., 25c.

## Cleome AH

(Giant Spider Plant)

1360 **Rose Queen**. Showy for borders, blooming all summer. Rose-colored flowers with long "spidery" stamens. Height, 4 ft. Pkt., 10c; ¼ oz., 25c.

## Candytuft - Iberis AH

The flowers of the giant varieties are borne in trusses somewhat like hyacinths and the umbellata varieties greatly resemble the annual alyssum in both habit of growth and form of flower, excepting that they are considerably larger.

1131 **Giant Empress, or Hyacinth-Flowered**. Giant trusses of pure white flowers. Height 1 foot. Pkt., 10c; ¼ oz., 25c; oz., 75c.

### UMBELLATA VARIETIES

1132 **Crimson**

1134 **Rose-Cardinal**

1133 **Lavender**

1136 **White**

Each, pkt., 10c; ¼ oz., 25c; oz., 65c.

1140 **All Colors, Mixed**. Pkt., 10c; ¼ oz., 25c.

## Cardinal Climber AHH

(*Ipomoea quamoclit hybrida*)

1170 One of the brightest and most attractive annual vines; slender and branching, with fern-like foliage and brilliant, star-shaped, scarlet flowers all summer. Soak the seed in warm water for several hours before sowing. Pkt., 15c; ¼ oz., 50c.

## Canna PT

1160 **Choice Mixed**. A fine mixture of the best sorts. Start indoors in March. Pkt., 15c; oz., 75c.

**Canna Roots**. See page 54.

## Centaurea AH

**Imperialis** (Royal Sweet Sultan). Plants 2½ to 3 feet tall, bearing flowers similar to *Centaurea Cyanus* but more open and larger; sweet scented.

1251 **Lavender**

1253 **Purple**

1255 **White**

1252 **Lilac**

1254 **Rose**

1260 **Mixed**

Each, pkt., 10c; ¼ oz., 35c.

1259 **Collection**: One pkt. of each of the above 5 colors, 40c.

### VARIOUS CENTAUREAS

1261 **americana** (Basketflower). AH. Rosy lilac flowers of giant size. Height 4 to 5 feet. Pkt., 10c; ¼ oz., 50c.

1263 **suaveolens** (Yellow Sweet Sultan). AH. Tall; creamy yellow; honey-scented. Pkt., 15c; ¼ oz., 35c.

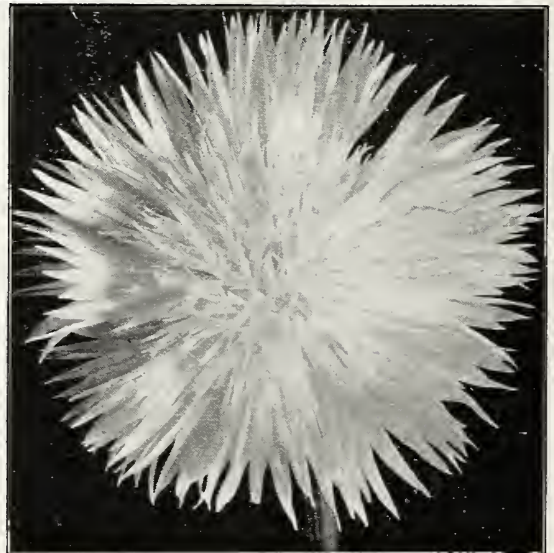
**Foliage Centaureas**. PHH. These are the popular "Dusty Millers"; fine for borders and edging; low growing; silvery white foliage.

1266 **candidissima**. Finely cut leaves. Pkt., 15c; ⅛ oz., 50c.

1267 **gymnocarpa**. Velvety leaves. Pkt., 10c; ¼ oz., 40c.



Celosia Childsi



Centaurea Imperialis

# Chrysanthemums

All varieties of this popular family are nice for cutting and very valuable for bedding, or for mixed borders.

**ANNUAL VARIETIES (Painted Daisies.) AH.** Plants 2 feet tall bearing large brilliantly colored, daisy-like flowers all summer.

- 1291 **Burridgeanum.** Single; white, banded crimson. Pkt., 10c.
- 1292 **inodorum plenissimum.** Double; white. Pkt., 10c.
- 1293 **Evening Star.** Large single; golden yellow. Pkt., 10c.
- 1294 **Morning Star.** Single; primrose with dark center. Pkt., 10c.
- 1295 **Northern Star.** Single, white with attractive light yellow zone around a purple center. Pkt., 10c.

1299 **COLLECTION:** One pkt. of each of the above 5 colors, 40c.

1300 **Single Mixed.** Many colors. Pkt., 10c; ¼ oz., 25c.

1301 **Double Mixed.** Pkt., 10c; ¼ oz., 35c.

1304 **frutescens (Florist's Marguerite).** PT. Free-blooming; pale yellow, daisy-like flowers. Blooms during winter in the greenhouse. May be set outdoors in summer. Pkt., 15c.

## Chinese Forget-Me-Not AH

(*Cynoglossum Amabile*)

1285 **Blue.** A clear, deep blue hardy annual. Flowers resemble Forget-me-nots and are borne on bushy plants about 2 feet tall. Excellent for cut flowers. Pkt., 15c; ¼ oz., 50c.

1286 **Pink.** Fine novelty similar to the blue in habit of growth but bright pink in color. Very free blooming. Pkt., 25c; ¼ oz., 75c.

## Cobaea Scandens PT

(Cathedral Bells)

1370 A vigorous climber. Blooms the first summer from seed started indoors in March or in the open ground in May. Climbs 20 feet; flowers large, bell-shaped, purplish blue. Plant the seed edgewise and cover lightly. Pkt., 10c; ¼ oz., 25c.

## Coleus PT

1380 **Large-Leaved Hybrids.** Fine bedding plants, grown for their brilliantly colored variegated foliage. Start indoors in March. Pkt., 25c.

## Cyclamen PT

Beautiful flowers, suggesting butterflies. One of the most popular greenhouse pot-plants. The finest giant strains.

1470 **Giant Mixed.** Pkt., 50c; 100 seeds, \$2.50.

## Cypress Vine AHH

1480 A beautiful slender climber with little, scarlet or white, star-shaped flowers. Similar to Cardinal Climber. Pkt., 10c; ¼ oz., 25c.



Centaurea Cyanus



Chrysanthemum



Clarkia

## Clarkia AH

Easily grown; bushy; free flowering from July to frost. Nice for cutting and pretty in beds. Flowers are double and borne on leafy racemes.

1341 **Brilliant Crimson.**

1342 **Salmon Queen**

1343 **Purple**

1344 **White Prince**

1345 **Firebrand**

1350 **Double and Single Mixed**

Each, pkt., 10c; ¼ oz., 50c.

## Cineraria PT

Beautiful pot plants for greenhouse or conservatory. Easily grown from seed in boxes or small pots.

1322 **Large-flowered Dwarf, Mixed.** Extra fancy. Pkt., 50c.

1325 **stellata.** Narrow petals; star form. Pkt., 50c.

**California Super Giant.** A remarkably large-flowered strain from a California specialist.

1326 **California Giant, Blue.** Pkt., \$1.00.

1327 **California Giant, Crimson.** Pkt., \$1.00.

1328 **California Giant, Salmon.** Pkt., \$1.00.

## Centaurea AH

**CYANUS, Double (Cornflower or Bachelor's Button).** Also known as Ragged Sailor and Bluets, but always popular by any name. Blooms all summer and in many localities seed themselves so that they come up year after year. Height, 1½ feet.

1241 **Blue Boy**

1243 **Snowman**

1250 **Mixed**

1242 **Pink**

1244 **Red Boy**

Each, pkt., 10c; ¼ oz., 25c.

1245 **Jubilee Gem.** Award of Merit, All-America Selections, 1937. A dwarf, bushy form of *Centaurea Cyanus* suitable for rock gardens. Plants of rounded shape, bearing dark blue, medium-sized flowers. Just as hardy and easy to grow as the tall variety. Pkt., 25c.

## Wild Garden Mixture

We have had so many calls for something in flowers that could just be scattered and raked in, in odd spaces to give a wild-flower garden effect that we have made up a tall and dwarf mixture especially for this purpose. These mixtures contain a large assortment of the various annual flowers that will grow and bloom with little or no care.

3300 **Dwarf Wild Garden Mixture.** Pkt., 10c; ¼ oz., 25c; oz., 75c.

3301 **Tall Wild Garden Mixture.** Pkt., 10c; ¼ oz., 25c; oz., 75c.

# Beckert Seed and Bulb Company



Double Cosmos

## Cosmos, Early Sensation

1405 Award of Merit, All-America Selections, 1936. A distinct acquisition in Cosmos as the flowers are fully as large as any of the Giant types. They bloom the same time as the early blooming sorts. Plants have very heavy foliage and grow about 4 feet tall. Pkt., 25c.



Sensation Cosmos

### COSMOS, ORANGE FLARE

1455 The grand champion Gold Medal Winner, All-America selection of flowers for 1935. Cosmos Klondyke formerly took seven to eight months to bring into bloom. This grand new variety shortens the time to a little over four months, so that seed planted the first of May will produce a riot of color during September. Plants grow 2 to 3 feet tall, bushy marigold-like foliage with bright orange flowers. Pkt., 15c.

## Cosmos AHH

**EARLY-FLOWERING SINGLE.** Start to bloom in July. Height, 5 feet.

1401 Crimson 1403 White  
1402 Pink 1410 Mixed  
Each, pkt., 10c; ¼ oz., 30c.

**LATE-FLOWERING GIANT SINGLE.** Bear the largest flowers, often over 4 inches across. Height, 6 to 7 feet.

1411 Giant Crimson  
1412 Lady Lenox, Pink  
1413 Lady Lenox, White  
1420 Late Giants Mixed  
Each, pkt., 10c; ¼ oz., 25c.

**EARLY DOUBLE or CRESTED.** A beautiful new type with double or crested centers.

1421 Crimson King 1423 White Queen  
1422 Pink Beauty 1430 Mixed Colors  
Each, pkt., 20c; ¼ oz., \$1.00.

**DOUBLE LATE.**

1440 Mixed. Pkt., 15c; ¼ oz., 60c.



Golden Queen Datura

## Datura AH

1500 Cornucopia. Bushy showy plants, which bear double trumpet-shaped flowers, inside white, outside purple. Pkt., 10c.  
1501 Golden Queen. Double or triple-flowered yellow. Height, 2 to 3 feet. An outstanding variety. Pkt., 25c.

## Dimorphotheca AH

(African Orange Daisy)

Bushy plants, growing 8 inches high, covered all summer long with large daisy-like flowers. They make bright beds and grow well under all conditions.

1571 aurantiaca. Golden orange. Pkt., 10c; ¼ oz., 50c.  
1572 aurantiaca hybrids. New shades, including cream, yellow, deep orange, etc. Pkt., 10c; ¼ oz., 50c.

## Cuphea Firefly AH

1475 An entirely new plant for the flower garden somewhat mindful of Scarlet Sage but more free flowering. Plants are erect and bushy, about 10 inches high. Flowers are relatively small but very freely produced and fiery cerise in color. Blooms in about 12 weeks from sowing seed. Pkt., 25c.



Cuphea Firefly



# 502 Liberty Avenue, Pittsburgh, Penna.

## Everlastings AH

A group of flowers which, when dried, retain their natural form and colors indefinitely and are highly prized for winter decorations. Cut them when the buds are half open and hang by the stems, head down, in a shady place until dry.

1653 **GOMPHRENA** (Globe Amaranth). Clover-like flower-heads; pink, purple, white, and bronzy yellow mixed. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**HELICHRYSUM** (Strawflower). The most popular of the Everlastings. Flowers of good size, double daisy-shaped and brightly colored.

1661 **Crimson**      1663 **Silver Ball**      1665 **Rose**      1670 **All Colors Mixed**

1662 **Gold Ball**      1664 **Fireball**      1666 **Violet**

Each, pkt., 10c;  $\frac{1}{4}$  oz., 25c.

1669 **COLLECTION**: One pkt. of each of the above 6 colors, 50c.

## Dianthus - Pinks

The varieties offered below represent the best of the old-fashioned annual "pinks," as well as the latest introductions in both the single and double varieties.

**SINGLE JAPANESE PINKS.** (D. Heddeewigi.) AH. Height, 20 inches.

1531 **Crimson Belle**. Large crimson flowers.

1532 **Eastern Queen**. Marbled rose and white.

1533 **Salmon Queen**. Light salmon.

1534 **The Bride**. White with purple center.

Each of the above, pkt., 10c;  $\frac{1}{4}$  oz., 50c.

1537 **Choice Single Mixed**. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**DOUBLE JAPANESE PINK** (D. Heddeewigi fl. pl.). AH. Double forms of the preceding.

1541 **Fireball**. Dwarf; bright red; fringed.

1542 **Mourning Cloak**. Reddish mahogany, with white margin.

1543 **Snowball**. Dwarf; pure white; fringed.

Each of the above, pkt., 10c;  $\frac{1}{4}$  oz., 50c.

1546 *chinensis*, **Mixed**. Finest double forms. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

1547 **Japanese Double Mixed**. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.

## Dolichos AHH

(Hyacinth Bean.) Vigorous climbing vines with handsome foliage and hyacinth-like sprays of flowers followed by showy pods.

1581 **Darkness**. Lavender flowers; purple leaves and pods. Pkt., 10c; oz., 40c.

1582 **Daylight**. Green foliage; white flowers. Pkt., 10c; oz., 40c.

## Dracaena PT

1590 (**Cordylina**) **indivisa**. Ornamental-leaved, tropical plants for the conservatory. Pkt., 10c.

## Erysimum AH

1625 **perofskianum** (Fairy Wallflower). A very rare color in annuals; flowers are bright orange and greatly resemble Wallflower. Grows best in sunny places. 18 inches high. Pkt., 15c;  $\frac{1}{4}$  oz., 50c.



Dianthus Double

## Euphorbia AH

Plants with showy varicolored foliage; easy to grow in any sunny spot. Height, 2 to 3 feet.

1645 **heterophylla** (Annual Poinsettia). Scarlet and green. Pkt., 15c.

1646 **variegata** (Snow-on-the-mountain). Leaves broadly edged and marked with white. Pkt., 10c;  $\frac{1}{4}$  oz., 35c.



Helichrysum

## Eschscholtzia AH (California Poppy)

Bushy plants with finely cut foliage and large poppy-like flowers all summer. May be used in mixed dwarf beds or as a border for taller beds. Height, 8 to 12 inches.

1631 **Alba**. Pure white.

1632 **California**. Pale yellow flowers.

1633 **Carmine King**. Large; carmine-rose.

1634 **Crimson**. Deep crimson.

1635 **Golden West**. Glowing yellow.

1636 **Mandarin**. Inside orange; outside scarlet.

1637 **Rose Queen**. Creamy rose.

1638 **Vesuvius**. Coppery red.

Each, pkt., 10c;  $\frac{1}{4}$  oz., 40c.

1639 **COLLECTION**: One pkt. of each of the above 8 colors, 70c.

1640 **Special Single Mixed**. Large-flowering sorts, rich colors. Pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 50c.

1641 **Double and Semi-Double, Mixed**. Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

### DIANTHUS, *Lacinatus Splendens*

1538 The most striking Dianthus ever offered. Plants are dwarf and compact, generally about 8 inches tall, and bear large single brilliant crimson flowers with a showy white eye. Strongly sweet-scented, stems long enough for cutting and its abundance of blooms make this variety almost indispensable for the garden. A hardy annual, seed may be sown as soon as the ground can be prepared in the spring. Pkt., 25c.



Eschscholtzia—California Poppy



Four O'clock



Pennisetum

## Four O'clock - *Mirabilis* AH

Bushy plants 2 feet tall, literally covered with showy trumpet-shaped blooms all summer. Flowers are very sweet-scented, opening in late afternoon. Plant seed in drills ¼ inch deep where plants are to bloom, later thinning out to 15 inches apart. Please note we are offering this splendid flower in separate colors this year.

1701 Red. 1704 White. 1702 Deep Rose. 1703 Yellow. 1710 Mixed.  
Each, pkt., 10c; oz., 25c.

1709 COLLECTION: One pkt. of each of the above 4 colors, 35c.

## Geranium PT

1740 zonale, Mixed. Easily grown from seed, start indoors and transplant to the open in May or June. Pkt., 20c.

## Gerbera PT

1750 Jamesoni Hybrids (Transvaal Daisy). Tall, bushy plants with large, narrow-petaled, daisy-like flowers in all shades of red, with some white and yellows. Pkt., 25c.

## Gourds AHH

Growing gourds is a fascinating pastime, a pleasurable hobby or can even be a profitable enterprise. For years they have provided utensils and containers for the primitive peoples, and today are used more and more for fall and winter indoor and table decorations. Gourds come in almost every conceivable size and shape and in quite a range of colors and color combinations.

1791 African Pipe. 1794 Eggshaped. 1801 Large Bird Nest. 1804 Pear Striped.  
1792 Dipper. 1795 Hercules Club. 1802 Small Bicolor. 1805 Spoon.  
1793 Orange 1796 Pearshaped. 1803 Flat Striped. 1806 Small Warded.  
Each, pkt., 15c; 2 pkts., 25c.

1799 COLLECTION: One pkt. of each of the above 12 sorts, \$1.50.

1800 MIXED. Pkt., 15c.

1807 SPECIAL ASSORTMENT, which includes 5 seeds of each of the above 12 separate sorts, 50c.

## Ornamental Grasses

Mostly tall-growing grasses with variously colored foliage and pretty flower or seed-heads. When cut and dried they are very nice for winter decorations.

1810 *Agrostis nebulosa* (Cloud Grass). AH. Fine, misty sprays.

1811 *Briza maxima* (Big Quaking Grass). AH. Seed-heads like rattles.

1812 *Coix lacryma-Jobi* (Job's Tears). AH. Bead-like seeds.

1813 *Pennisetum villosum* (*P. longistylum*). (Feather-top). AH. White plumes.

1814 *Pennisetum Ruppeli* (Fountain Grass). AH. Purple plumes.

1815 *Zea mays japonica* (Rainbow Corn). AH. Gorgeously striped leaves.

Each, pkt., 15c.



Ornamental Gourds

## Gilia AH

1765 *capitata*. A fine new annual that should be welcomed into all gardens. Plants grow 2 feet high and bear globular heads of lavender-blue flowers on long stems. Pkt., 15c; ¼ oz., 35c.

## Gloxinia PT

1770 Large-Flowered Hybrids. Greenhouse plants with spotted, trumpet-shaped flowers. Pkt., 50c.

## Godetia, Azalea-Flowered AH

Bushy, free-blooming annuals with brilliant azalea-like flowers. Does well in poor dry soil. 12 to 15 inches tall. Start indoors in March or outdoors in May.

1781 Brilliant. Brilliant carmine.

1783 *Cornelia*. Delicate salmon-pink.

1782 *Carminia*. Carmine-rose.

1784 Sweetheart. Bright clear cream-pink.

1790 Azalea-Flowered Mixed.

Each, pkt., 15c; ¼ oz., 50c.

## Gypsophila

(Baby's Breath). Graceful plants with small flowers and misty foliage; nice for "background" in bouquets.

1841 *elegans alba*. AH. Large-flowered white. Pkt., 10c; ¼ oz., 25c; oz., 75c.

1842 *elegans rosea*. AH. Pkt., 10c; ¼ oz., 25c; oz., 75c.

1843 *muralis* (Cushion Gypsophila). AH. Very dwarf; pink blossoms. Good for edgings. Pkt., 15c; ¼ oz., 40c.

## Grevillea PT

1830 *robusta* (Silk Oak). Easily grown pot plants with handsome foliage. Pkt., 10c; ¼ oz., 35c.

## Gaillardia-Blanket Flower AH

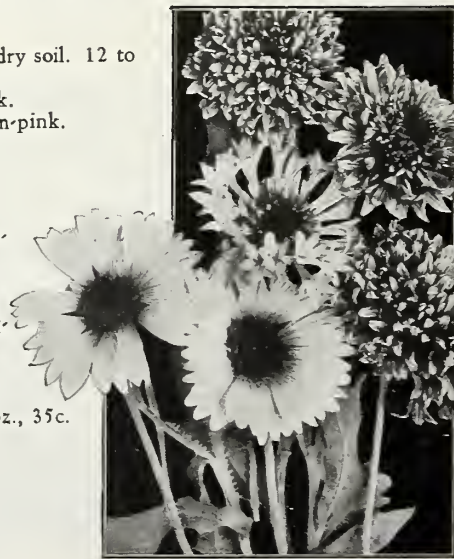
ANNUAL VARIETIES. Fine for cut flowers. Height, 1 to 2 feet.

1721 Indian Chief. Large, single, bronze-red flowers. Pkt., 15c; ¼ oz., 75c.

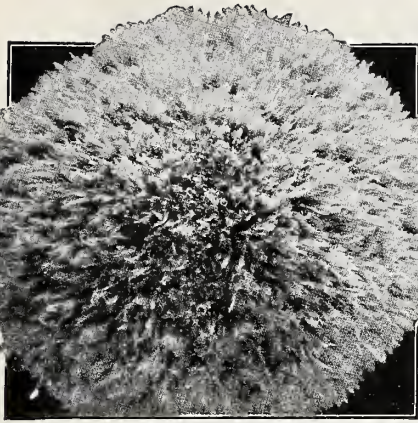
1723 *picta*, Single Mixed. Flowers of various colors. Pkt., 10c; ¼ oz., 25c.

1724 *picta Lorenziana*, Double Mixed. Pkt., 10c; ¼ oz., 40c.

1722 The Bride. Double; creamy white. Pkt., 15c; ¼ oz., 75c.



Gaillardia



Double Helianthus



Hunnemannia



Kochia

## Helianthus - Sunflower

The ornamental varieties of Sunflower are excellent for background and screen plantings, and the miniature-flowered types make showy cut flowers. Easy to grow.

**TALL LARGE-FLOWERED SORTS.** AH. For bright mass effects.

1851 **Double Chrysanthemum-flowered.** Giant double golden yellow flowers. Height, 6 feet. Pkt., 10c; ¼ oz., 25c.

1852 **Globe Sunflower.** Bright yellow, almost globe-shaped flowers; very free-blooming. Height, 6 feet. Pkt., 10c; ¼ oz., 25c.

1853 **Dwarf Double.** Height, 4 feet. Pkt., 10c; ¼ oz., 25c.

1854 **Red Sunflower.** Various shades of red, maroon, mahogany, etc.; large flowers. Height, 6 feet. Pkt., 10c; ¼ oz., 25c.

1855 **Mammoth Russian.** Height, 12 to 15 feet. Pkt., 10c.

**SMALL-FLOWERED SORTS.** AH. Free-blooming. Height, 3 to 4 feet.

1856 **Miniature.** Single; bright orange. Pkt., 10c; ¼ oz., 25c.

1857 **Orion.** Long, twisted, yellow petals. Pkt., 10c; ¼ oz., 25c.

1858 **Stella.** Deep golden yellow. Pkt., 10c; ¼ oz., 25c.

## Heliotrope PT

(Cherry Pie). Prized for their delightful fragrance. Bloom the first season from seed started early indoors.

1881 **King of the Blacks.** Very dark violet; dwarf. Pkt., 15c.

1882 **Giant Hybrids.** Shades of blue and white. Pkt., 15c.

## Humulus AHH

1940 **japonicus** (Japanese Hop). Neat, quick-growing vine. Will climb 30 feet. Thrives and stays green in spite of drought and heat. Pkt., 10c; ¼ oz., 25c.

## Larkspur AH

Easily and quickly grown in any garden. The graceful spikes are nice for cutting. The following Double Stock-flowered varieties grow 2½ feet tall and bloom all summer.

1998 **La France.** Clear salmon-pink. Pkt., 15c; ¼ oz., 60c.

1994 **Rosamond.** Gold Medal 1934 All-America Selections. Pure rose-pink. Pkt., 15c.

1991 **Dark Blue**

1992 **Lilac**

1995 **White**

1997 **Light Blue**

1993 **Newport Pink**

2000 **Mixed**

Each, pkt., 10c; ¼ oz., 30c.

1996 **Exquisite Pink.** Beautiful soft pink. Pkt., 10c; ¼ oz., 50c.

1999 **COLLECTION:** One pkt. each of 8 colors, 75c.

## Giant Imperial Larkspur

A grand new race of Annual Larkspur, branching from the base so that all spikes are long stemmed.

2001 **Blue Spire.** Rich, deep Oxford blue. Pkt., 25c.

2002 **Gloria.** Rich, deep rose. Pkt., 25c.

2003 **Peach Blossom.** Clear, light pink. Pkt., 25c.

2004 **Blue Bell.** Clear azure-blue. Pkt., 25c.

2006 **White Spire.** Pure white. Pkt., 25c.

2005 **Giant Imperial Mixed.** Pkt., 25c.

## Hunnemannia AH

1951 **Sunlite.** A Poppy that makes an excellent cut flower. The extra band of petals is produced on the outside of the tulip-shaped flower. Bright canary-yellow. Plants grow about 18 inches tall. Pkt., 25c.

## Impatiens PT

Continuous blooming pot plants for greenhouse or conservatory. Bushy growth and very floriferous.

1961 **Holsti Hybrids.** Pkt., 25c.

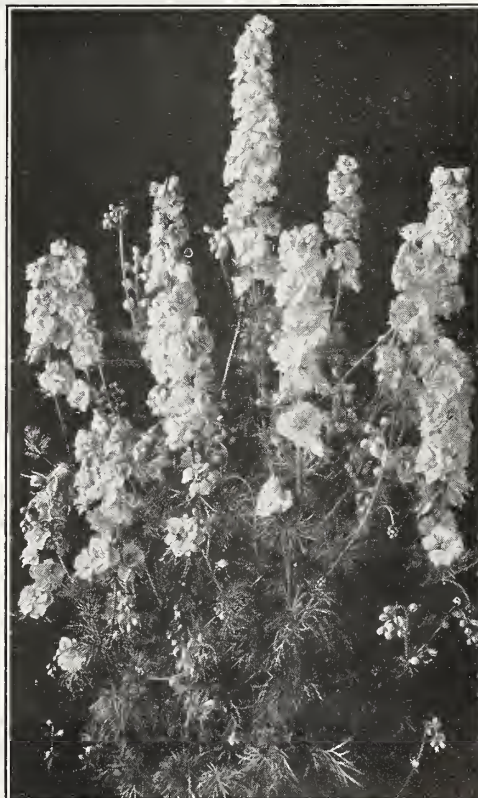
1962 **Sultani Hybrids.** Larger than the preceding. Pkt., 25c.

## Ionopsidium AH

1965 **acaule** (Violet Cress). A very pretty dwarf annual; suitable for rock gardens and edging. Plants very dwarf with cress-like foliage. Flowers are bright lilac-blue. Pkt., 25c.

## Kochia AHH

1970 **trichophylla** (Burning Bush). Annual hedge plants, 2 feet tall, oval in shape; bright green fern-like foliage, changing to blood-red in fall. Pkt., 10c; ¼ oz., 25c.



Giant Imperial Larkspur



Linaria Maroccana

### Lantana PHH

1985 Finest Mixed. Quick-growing plants with bright verbena-like flower clusters. Pkt., 10c; 1/4 oz., 30c.

### Lupinus - Sun Dial

Fine flowers, suitable for both border decoration and cutting. They thrive best on a well-drained limestone soil, but will give satisfactory results under any ordinary condition and do not object to some shade. The plants are large, producing many tall spikes thickly set with pea-like blossoms.

ANNUAL HARTWEGI TYPE. AH. Bloom all summer. Height, 2 feet.

2088 King Blue. Enormous spikes of rich Oxford blue. Plants grow 3 to 4 feet high and are base branching, with 6 to 8 spikes to a plant. Pkt., 25c.

2090 King Mixed. Includes many different shades of blue, pink, rose and white. Easily grown from seed and remarkably true to type. Pkt., 25c.

2087 Sulphureus Superbus. Plants are large and vigorous, grow 2 to 3 feet high and bear 6 to 8 spikes of sulphur-yellow flowers. Pkt., 25c.

2091 Dark Blue 2094 White

2092 Light Blue 2100 Mixed

2093 Rose

Each, pkt., 10c; 1/2 oz., 30c; oz., 50c.

### Lobelia AHH

Lobelia is one of the most charming blue border plants. Easily grown from seed, it blooms continu-



Lobelia

ously and profusely from early summer until late fall. Equally adapted for borders, porch boxes, or hanging baskets. Start seed in boxes or pots indoors to prolong the blooming season. Prefers a rather moist, rich soil.

2071 compacta, Crystal Palace. Azure-blue with white eye; compact and bushy. Pkt., 15c.

2072 Emperor William. Dark blue; compact. Pkt., 25c.

2073 gracilis. Trailing; light blue. Pkt., 10c.

2074 speciosa. Trailing; dark blue, white eye. Pkt., 15c.

2076 compacta, Mixed. Pkt., 10c; 1/8 oz., 50c.



Lupinus

### Lavatera AHH

(Annual Mallow.) Shrubby plants, growing about 2 feet tall and blooming all summer. Large single flowers somewhat like Hibiscus.

2021 Giant Rose

2022 Giant White

Each, pkt., 10c; 1/4 oz., 25c.

### Leptosyne AH

Blooms five weeks after sowing; resembles Coreopsis. Height, 1 foot.

2041 maritima. Lemon-yellow. Pkt., 15c.

2042 Stillmani. Orange-yellow. Pkt., 15c.

### Linaria AH

2052 Maroccana Hybrids (Toad Flax). Flowers resemble snapdragons but spaced farther apart. White, pink, yellow, and blue mixed. Pkt., 15c.

### Linum AH

2061 grandiflorum rubrum (Crimson Flax). Very pretty dwarf plants with bright red flowers. Pkt., 10c; 1/4 oz., 30c.

### Matthiola AH

2190 bicornis (Evening Scented Stock). A species of Stock with lilac-colored blooms which give off a delicate fragrance in the evening. Pkt., 10c; 1/4 oz., 25c.

### Maurandia PT

2200 Mixed. A graceful slender climber with blue, mauve, or white flowers; nice for vases. Pkt., 25c.

### Mignonette AH

Always a favorite for its distinctive fragrance. Prefers a dry, sunny spot. Easy to grow and fine for cut flowers. Height, 10 inches.

2221 Defiance. Large, grayish flowers. Pkt., 10c; 1/4 oz., 30c.

2223 Goliath. Giant flowers of deep red. Pkt., 15c; 1/4 oz., 50c.

2224 Machet. Reddish tinted. Pkt., 10c; 1/4 oz., 35c.

2225 Old-fashioned Sweet-scented. Small flowers but very fragrant. Pkt., 10c; 1/4 oz., 25c.



Mignonette

## Mesembryanthemum AHH

2210 **Crystallinum** (Iceplant). An interesting plant with a transparent coating which looks like ice on stems and leaves. Pkt., 10c; ¼ oz., 25c.

## Mimosa AHH

2230 **Pudica** (Sensitive Plant). A unique plant with leaves that close and droop when touched. Pkt., 15c.

## Mimulus PHH

2240 **Moschatus** (Musk Plant). Small yellow flowers, fragrant leaves; nice for hanging-baskets. Pkt., 15c.

## Morning Glory AHH

2271 **Colorado Blue**. A fine clear blue morning glory from Colorado. Pkt., 15c.

2272 **Imperial Japanese, Mixed**. A very large-flowered strain; many beautiful and unusual colors. Pkt., 10c; oz., 40c.

2274 **Dwarf, Mixed**. For beds and rock gardens. Height, 1 foot. Pkt., 10c; oz., 25c.

2275 **Brazilian**. Tall-growing, with rose-pink flowers. Pkt., 10c; oz., 60c.

## Musa PT

2280 **Ensete** (Abyssinian Banana). Handsome conservatory plant. May be used outdoors in summer. Pkt., 25c.

## Double Gleam Nasturtiums

2322 **Double Golden Gleam**. The original double nasturtium and in our opinion one of the finest flowers of today. Pkt., 15c; oz., 50c.

2321 **Dwarf Double Golden Globe**. A dwarf form of the immensely popular original Golden Gleam. Award of Merit 1936, All-America selections. Pkt., 15c.

2325 **Double Orange Gleam**. Deep golden orange. Pkt., 15c.

2323 **Double Scarlet Gleam**. Bright dazzling scarlet. Pkt., 15c.

2324 **Double Gleam Hybrids**. A superb mixture comprising all colors. Pkt., 15c; oz., 50c.

2326 **Double Salmon Gleam**. Clear salmon-pink. Pkt., 15c.

2327 **Dwarf Double Gem Mixed**. Round, compact plants covered with flowers. Pkt., 15c.

### DWARF SINGLE NASTURTIUM

2310 **Choicest Dwarf Mixed**. All colors. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

### TALL SINGLE NASTURTIUMS

2320 **Choicest Tall Mixed**. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.50.



**Nigella, Miss Jekyll**



**Moonflower, Heavenly Blue**



**Double Nasturtium**

## Moonflower

AT. Vigorous climbers with immense, flat, round blossoms which open in early evening and close the following morning. The seed is delicate and should be started indoors, first soaking it in water for several hours. Plant outdoors late in May.

2261 **Black-seeded White**. Pkt., 15c; oz., 75c.

2263 **Heavenly Blue Improved Moonflower**. This new improved strain of Heavenly Blue Moonflower opens in the early morning, but remains open until about 3 o'clock in the afternoon on sunny days and much later on dull days. Flowers are large and deep intense blue in color.

A fence or trellis

covered with these charming blue flowers gives a never-to-be forgotten thrill. For best results plant in a dry location, use no fertilizer and do not plant until the weather is warm. Pkt., 15c; ¼ oz., 50c.

## Nicotiana AHH

Sweet Scented Tobacco. Fine border plants, 2 to 3 ft. tall, with clusters of long, trumpet-shaped flowers all summer. Delightfully fragrant in the evening.

2356 **Dwarf White**. Plants are scarcely 15 inches high and bear pure white flowers with the same delightful fragrance as the old type. Pkt., 25c.

2351 **affinis**. Flowers pure white. Pkt., 10c; ¼ oz., 30c.

2352 **affinis Hybrids**. Shades of pink and red. Pkt., 10c; ¼ oz., 30c.

2355 **Crimson King**. Medium tall with large deep crimson blooms. Pkt., 25c.

2353 **Sanderae Hybrids**. Not so tall as N. Affinis but larger flowered. Many shades of red and lavender. Pkt., 10c; ¼ oz., 30c.

2354 **sylvestris**. Large white flowers. Pkt., 10c; ¼ oz., 30c.

## Nigella (LOVE-IN-A-MIST) AH

Erect, sturdy plants with pretty flowers, surrounded by feathery foliage. Height, 15 inches.

2361 **damascena, Mixed**. Blue and white. Pkt., 10c; ¼ oz., 25c.

2362 **Miss Jekyll**. Large, double, deep blue flowers; excellent for cutting. Pkt., 10c; ¼ oz., 25c.

## Nemesia AHH

2330 **Suttoni, Large-flowered, Mixed**. Bushy plants 1 foot high, with flowers similar to miniature snapdragons. Bright colors. Pkt., 20c.

## Nemophila AH

2340 **Mixed** (Baby-blue-eyes). Cup-shaped flowers, white and shades of blue; all summer. Height, 1 foot. Pkt., 10c.

# Petunias for All

Petunias, in the fine strains available today, are one of our finest summer flowers. For bedding they are unsurpassed, and are almost indispensable for porch and window boxes.

**Culture.** The giant varieties are best started indoors in February or March, and transplanted in May to the place where they are to bloom, while the bedding sorts will give excellent results if sown in the open in April or May.

Petunia seeds are very fine and should be sown in very shallow drills. The best method is to sow on top of the soil, press down firmly with a smooth board, water, and then cover with cheesecloth or paper until the seedlings show. Keep well watered at all times, and transplant as soon as large enough to handle.

## Bedding Petunias AHH

This dwarf type is especially recommended for large beds and borders, and blooms luxuriantly from early summer until killed by frost.

2471 **Crimson.** Deep crimson. Pkt., 10c.

2472 **Dwarf Inimitable.** Flowers distinctly striped. Pkt., 10c; 1/8 oz., 60c.

2473 **Howard's Star.** Crimson-maroon with a bluish-white star. Pkt., 10c; 1/8 oz., 60c.

2474 **Rosy Morn.** Covered with bright pink flowers. Pkt., 10c; 1/8 oz., 60c.

2475 **Snowball.** Dwarf; pure white. Pkt., 10c; 1/8 oz., 60c.

2476 **Silver Blue.** Dwarf, light blue bedding Petunia. Pkt., 10c; 1/8 oz., 60c.

2477 **Rose of Heaven.** Flowers are clear brilliant rose and profusely borne all summer. Pkt., 10c; 1/8 oz., 60c.

2478 **Nana Compacta, Pink Gem.** 6 to 8 inches tall, covered with clear pink flowers. Pkt., 15c.

2482 **Nana Compacta, Rose Gem.** Deep rose flowers on small compact plants. One of the finest for bedding or borders. Award of Merit 1936. Pkt., 20c.

2481 **Violacea.** Deep violet-purple. Pkt., 10c; 1/8 oz., 60c.

2483 **Flaming Velvet.** Gold Medal, 1936. Brilliant velvety red, one of the best. Pkt., 20c.

2480 **Choice Bedding Mixed.** All colors. Pkt., 10c; 1/4 oz., 50c.



Rose Gem Petunia

### GIANT-FLOWERED SINGLE AND DOUBLE

2450 **Theodosia.** Giant single fringed flowers. Rich clear pink with yellow throat. Pkt., 35c.

2451 **Dwarf Giant of California.** Large flowers, ruffled petals. Very compact. Pkt., 35c.

2452 **Giant Single Fringed Mixed.** The flowers are monstrous in size and all are delicately veined with contrasting colors. Pkt., 35c; 3 pkts., \$1.00.

2453 **Marvelous Double Fringed Mixed.** Flowers are of largest size, full double and finely fringed. The finest strain we have ever seen. Pkt., 60c.

2467 **Ruffled Dwarf, Martha Washington.** Large pink flowers, delicately veined with purple, on dwarf compact plants. Pkt., 35c.

2468 **Lace Veil.** Large, pure white, delicately fringed. Pkt., 50c.



Double Petunia

### GIANT PORTLAND PETUNIAS

A beautiful new form of petunias on the same order as the balcony type. Plants make a stocky, semi-trailing growth and bear extremely large ruffled and frilled flowers. Excellent for porch and window boxes.

2454 **Elk's Pride.** Royal purple, large flowers.

2455 **Pink Glory.** Plain edged, deep rose in color.

2456 **Pride of Portland.** Clear rose, delicately veined.

2457 **White Beauty.** Large, fringed pure white.

Each, pkt., 25c; 4 pkts., 90c.

2460 **Giant Portland Mixed.** Pkt., 25c.

### BALCONY PETUNIA

Vigorous, trailing plants with profuse blooms of large size.

2461 **Blue.** Deep violet-blue—a rare and exceedingly attractive color. Pkt., 25c; 1/8 oz., \$1.00.

2462 **Rose** 2463 **Crimson** 2464 **White** 2466 **Mixed**

Each, pkt., 15c; 1/8 oz., 75c.

2469 **COLLECTION:** 1 pkt. each of above four colors, 60c.

### YELLOW PETUNIA, DAINTY LADY

2458 **Award of Merit All-America Selections** and also from the **Royal Horticultural Society.** Plants are compact, upright and bushy; flowers are delicate yellow as they first open, changing to a creamy white as the flower ages. Edges of petals delicately fringed. Pkt., 35c.



Dainty Lady Petunia



Phlox Drummondii

## Phlox Drummondii AHH

Easily grown bedding annuals. They are gorgeous in masses, blooming from early summer to fall, requiring a sunny location and only a moderately good soil. Flowers are borne in heads on fairly long stems.

**Large-Flowered Varieties** (*P. grandiflora*). Broad trusses. Height, 12 inches.

- |                 |              |             |
|-----------------|--------------|-------------|
| 2491 Blood-Red  | 2494 Rose    | 2497 White  |
| 2492 Crimson    | 2495 Scarlet | 2498 Yellow |
| 2493 Flesh-Pink | 2496 Violet  | 2490 Salmon |

Each, pkt., 10c; ¼ oz., 50c.

2499 **COLLECTION**: One pkt. each of the above 9 colors, 80c.

2500 **Choicest Mixed**. Pkt., 10c; ¼ oz., 40c.

2501 **Starred and Fringed, Mixed** (*P. cuspidata*). Petals deeply cut and fringed in various star shapes. Pkt., 10c; ¼ oz., 50c.

2502 **Dwarf Cecily Phlox**. Finest mixed. A large-flowered type of bushy growth. Splendid for edging. All colors. Height, 6 to 8 inches. Pkt., 15c; ⅛ oz., 75c.

**2503 PHLOX, GIGANTEA ART SHADES**. A fine new strain of Phlox with flowers over an inch in diameter. Plants grow 9 inches high in a beautiful range of soft art shades. Mixture only. Pkt., 15c; ¼ oz., \$1.00.

## Portulaca (Sun Rose) AH

Flowers resemble miniature single and double roses in a wide assortment of brilliant reds, pinks, yellows and whites. Sow seed as early in the spring as the ground can be prepared in very shallow drills or broadcast on the surface and cover lightly.

2571 **Single Mixed**. Pkt., 10c; ¼ oz., 30c.

### DOUBLE PORTULACA

- |                           |                          |
|---------------------------|--------------------------|
| 2573 Double Golden Yellow | 2576 Double Deep Scarlet |
| 2574 Double Deep Rose     | 2577 Double White        |
| 2575 Double Deep Crimson  |                          |

Each, pkt., 20c; 3 pkts., 50c.

2579 **COLLECTION**: One pkt. of each of the above 5 varieties, 85c.

2572 **Double, Mixed**. Pkt., 15c; ¼ oz., 60c.

## Annual Poppies

Given a light soil and a sunny location, Poppies grow almost like weeds. The seed should be scattered thinly on the surface of a mellow seedbed, or barely covered with fine soil.

### SINGLE ANNUAL POPPIES AH

2541 **Admiral**. Tall; large white flowers edged with scarlet. Pkt., 10c; ¼ oz., 25c.

2542 **American Legion**. Orange-scarlet. Height, 1½ ft. Pkt., 10c; ¼ oz., 30c.

2543 **The Bride**. Large; pure white. Pkt., 10c; ¼ oz., 25c.

2544 **Dannebrog, or Danish Flag**. Scarlet marked with white in the shape of a cross. Showy. Pkt., 10c; ¼ oz., 25c.

2545 **Tulip** (*Papaver glaucum*). Flaming cardinal-red. Pkt., 10c; ¼ oz., 30c.

2546 **Single Shirley, Mixed**. Lovely shades of red, pink, salmon, and white. Height 1½ feet. Pkt., 10c; ¼ oz., 25c.

2550 **Choice Single Mixed**. Pkt., 10c; ½ oz., 35c; oz., 60c.

**BARR'S MAMMOTH DOUBLE POPPY**. Plants are strong and vigorous and the flowers are much larger than the old Peony and Carnation-flowered types.

2551 **Irresistible**. Salmon shades.

2552 **Taplow Pink**. Clear pink.

2553 **Rose Brilliant**. Bright rose.

2555 **White Colossal**. Pure white.

2556 **Barr's Mammoth Mixed**.

Each, pkt., 15c; ¼ oz., 40c.

2554 **Double Shirley Hybrids**. Pkt., 10c; ½ oz., 50c.

2560 **Double Carnation-Flowered, Mixed**. Large flowers with fringed petals. Height, 2½ feet. Pkt., 10c; ½ oz., 35c



Double Poppies



Double Portulaca

## Salpiglossis - Painted Tongue AHH

Tall, slender, branching plants with trumpet-shaped flowers of rich, velvety colors delicately veined with gold.

- |                      |                       |
|----------------------|-----------------------|
| 2651 Crimson         | 2654 Scarlet and Gold |
| 2652 Purple and Gold | 2655 White and Gold   |
| 2653 Rose and Gold   | 2660 Choice Mixed     |

Each, pkt., 10c; ¼ oz., 50c.

2659 COLLECTION: One pkt. of each of the above 5 colors, 40c.

## Ricinus (Castor Oil Bean) AHH

Impressive plants, grown for their massive tropical foliage.

- 2631 **Giant Borbon** (*R. borboniensis arboreus*). The largest Ricinus (15 feet); dark green leaves. Pkt., 10c; oz., 35c.
- 2632 **Cambodia** (*R. cambodgensis*). Handsome foliage, bronzy green to black-purple. Height, 6 feet. Pkt., 10c; oz., 35c.
- 2633 **Blood-Red** (*R. sanguineus*). Showy red stems, leaves, and fruit. Height, 10 feet. Pkt., 10c; oz., 35c.
- 2634 **Zanzibarensis, Mixed**. Leaves of immense size and various colors. Height, 10 to 12 feet. Pkt., 10c; oz., 35c.

## Rudbeckia (Coneflower) AH

Tall, showy flowers like single Chrysanthemums.

- 2641 **Bicolor superba**. Orange-yellow and black. Pkt., 10c.



Salpiglossis

## Primula - Primrose

### TENDER VARIETIES PT

2590 **OBCONICA GIGANTEA**. Very large, round flowers. Pkt., 50c.

**OBCONICA GRANDIFLORA**. Flowers smaller but borne more profusely than the Giganteas.

2592 **Celestial Blue**. Pkt., 75c.

2593 **Deep Red (Mohnstein)**. Pkt., 75c.

2594 **Rosea (Mueller)**. Rose. Pkt., 75c.

2595 **Hamburger Rosea**. Deep rose. Pkt., 75c.

2596 **Crimson King**. Pkt., 75c.

2600 **Mixed**. All colors. Pkt., 50c.

2601 **Primula malacoides, White**. Pkt., 75c. 2580 **Chinensis Mixed**. Pkt., 25c.

2603 **Stellata**. Star Primrose. Pkt., 50c. 2604 **Primula malacoides rosea**. Pkt., 75c.

2602 **Malacoides**. Lilac Baby Primrose. Small flowers on long stems. Pkt., 35c.



Ricinus



Primula Obconica

## Sanvitalia AH

2680 **Procumbens**. Showy, free-blooming bushy plants, 6 inches high; flowers bright yellow, double; blooms all summer. For beds and edging. Pkt., 10c; ¼ oz., 50c.

## Saponaria AH

2690 **Vaccaria**. Plants 2 feet high, bearing many small pink gypsophila-like flowers. Pkt., 10c.

## Schizanthus (Butterfly Flower) AH

Large, shrubby plants covered with dainty blossoms. Height, 2 feet.

2721 **Wisetonensis**. (Improved Strain.) Many beautiful light colors. Pkt., 25c.

2722 **Dr. Badger's Large-Flowered Hybrids**. An extra-fine strain of large flowered hybrids in a beautiful array of color. Pkt., 25c.

## Salvia (Scarlet Sage) AHH

Familiar bedding annuals. Best results are secured by starting the seed indoors in February. On rich soil the plants are a blaze of color all summer.

2671 **America, or Globe of Fire**. Semi-dwarf rounded bushes, very uniform in shape and size; flowers brilliant scarlet. Extra fine. Pkt., 20c; ½ oz., \$1.00.

2672 **Bonfire, or Clara Bedman**. Erect, bright scarlet spikes. A favorite for large beds. Pkt., 15c; ½ oz., 75c.

2673 **Splendens**. The well-known type. Pkt., 10c; ½ oz., 50c.

2674 **Zurich**. Early; free-blooming; dwarf and compact in growth. Height, 1½ feet. Pkt., 15c; ½ oz., \$1.00.



Schizanthus

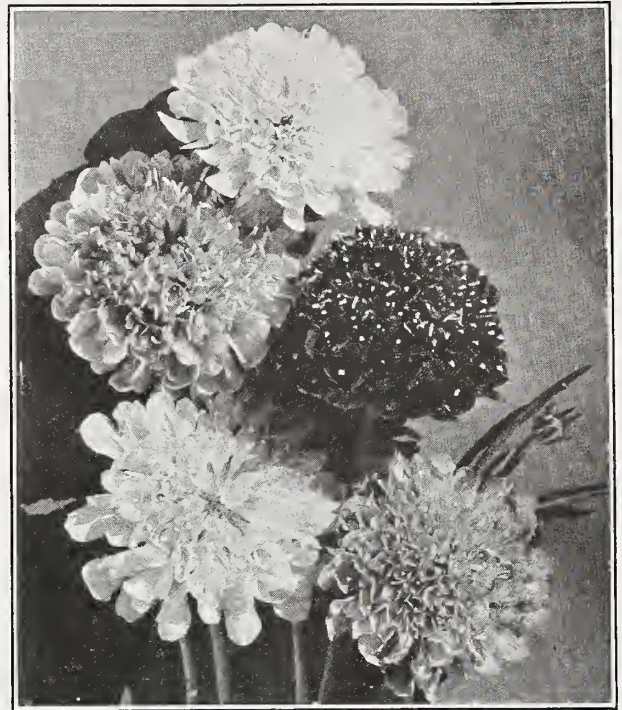


# Beckert Seed and Bulb Company

## Scabiosa AH

A real old-fashioned flower that is, at the same time, one of the most satisfactory to grow. Flowers are borne on long stems well above the foliage. Blooms all summer and is unexcelled for bedding or use as cut flowers. Height, 2½ feet.

- 2701 Black Purple. Pkt., 10c.
- 2702 Crimson. Pkt., 10c.
- 2705 Sulphur Yellow. Pkt., 10c.
- 2695 Shasta. New pure white. Pkt., 15c.
- 2696 Peach Blossom. New pink. Pkt., 15c.
- 2697 Loveliness. Salmon-pink. Pkt., 15c.
- 2707 Blue Cockade. Lavender. Pkt., 15c.
- 2708 Rosette. Prize-winning rose. Pkt., 15c.
- 2709 COLLECTION: One pkt. of each of above 8 colors, 90c.
- 2710 Finest Mixed. Pkt., 10c; ¼ oz., 30c.
- 2715 Tom Thumb Mixed. A dwarf compact form of Scabiosa growing about 15 inches tall. Pkt., 15c.



Scabiosa

## Statice (Sea Lavender) BH

- 2761 *sinuata*, Mixed. Produces profusely all summer and fall, long sprays of lavender-blue, white, and rose flowers which may be dried for winter bouquets. Height, 1½ feet. Pkt., 10c.
- 2762 *suworowi*. AH. Very pretty annual from Russia. Bears short spikes of rose-pink flowers all summer. Pkt., 15c.



Statice Suworowi

**BISMARCK or GIANT IMPERIAL.** The favorite for forcing. Height, 2 ft.

- 2801 Canary-Yellow      2803 Deep Blue      2805 Lilac
- 2802 Crimson            2804 Flesh-Pink      2806 Pure White

2810 Choice Mixed  
Each, pkt., 15c; ⅓ oz., 75c.

2809 COLLECTION: One pkt. of each of the above 6 colors, 75c.

**DOUBLE GIANT COLUMN.** Strictly non-branching for forcing in the greenhouse.

- Each plant sends up one immense spike of full double, closely spaced flowers.
  - 2812 Snowbank. Pure snow-white.      2815 Moonlight. Canary-yellow.
  - 2813 Chamois Pink. Beautiful golden-rose.      2816 Deep Rose. Carmine-rose.
  - 2814 Silvery Lilac. Light lavender-lilac.      2817 Dark Blue or Purple.
- Each, Pkt., 65c; 6 pkts., \$3.50.

## Solanum PT

- 2750 *Clevelandi*. (Christmas Cherry.) Pkt., 15c.
- 2751 *capsicastrum*. (Christmas Pepper.) Pkt., 25c.

## Stevia AH

- 2770 *serrata*. Very free blooming, bearing great quantities of pure white flowers; excellent for cutting. Pkt., 10c.

## Stocks - Gilliflower AHH

Free-blooming plants; splendid for pot culture, and excellent outdoors if given rich moist soil. The flowers are very fragrant and highly prized for cutting. Start the seed indoors or in a hotbed in March. Plants from late sowings, potted up in the fall, will flower all winter.

2811 Sutton's Christmas Pink. The best pink Stock for forcing. In original packets. Pkt., \$1.00.

**DWARF TEN-WEEKS.** Height, 1 ft.

- 2781 Blood-Red      2783 Canary-Yellow      2785 Purple
- 2782 Bright Rose      2784 Light Blue      2786 White
- 2790 Fine Mixed. All colors.
- Each, pkt., 15c; ⅓ oz., 65c.

2789 COLLECTION: One pkt. of each of the above 6 colors, 75c.

**CUT-AND-COME-AGAIN.** Height, 1½ ft.

- 2791 Blood-Red      2793 Dark Blue      2795 Rose
- 2792 Creamy Yellow      2794 Blush-Lilac      2796 White

2800 Choice Mixed.  
All colors.  
Each, pkt., 15c; ⅓ oz., 75c.

2799 COLLECTION: 1 pkt. of each of the above 6 colors, 75c.



Stock

## Sweet Peas <sup>AH</sup>

It is not difficult to grow fine Sweet Peas, even in our trying climate. The secret of success lies in getting an early start, and, by thorough soil preparation, insuring a strong deep root-growth to keep the plants well supplied with water. If you want to grow the largest and finest blossoms, start as early in the spring as the soil can be worked—early in March, if possible.

Choose an open location and dig a trench 1½ feet deep and a foot wide. Mix with the soil a liberal quantity of fertilizer (sheep manure with a little bone-meal is an excellent combination). Refill the trench with this mixture to within 6 inches of the top. Scatter the seed about an inch apart on this layer and cover them with 2 inches of soil. When the plants are 4 to 6 inches tall, gradually fill in around them until the top of the trench is reached. By this method the roots are assured a plentiful supply of food in the driest spells.

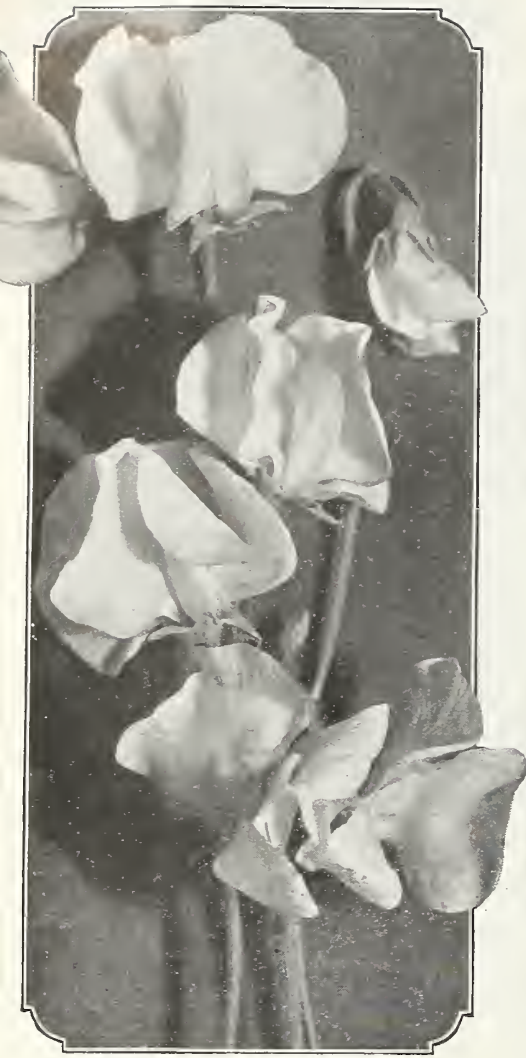
The vines may be supported with brush, strings, wire or any handy form of trellis that will allow free circulation of air. Of course, good Sweet Peas can be grown without trenching, but extra attention is always well repaid with larger flowers, more of them, and a longer blooming season. Keep the flowers picked and the vines will bear longer.

We offer the best of the Spencer or Orchid-flowered Sweet Peas, these being far superior to the older Grandiflora type.

### SUMMER-FLOWERING SPENCER SWEET PEAS

We offer, this year, a completely revised list of this ever-popular flower. All the newer really worth-while varieties are included and a few of the old standbys that have defied improvement. Flowers are of huge size, gracefully waved, and are generally borne four to a stem.

- |  |  |
|--|--|
| 2852 <b>Avalanche.</b> Extra large white.        | 2867 <b>Reflection.</b> Clear medium blue.   |
| 2853 <b>Black Diamond.</b> Deep maroon.          | 2868 <b>Rubicund.</b> Crimson-scarlet.   |
| 2854 <b>Capri.</b> Light clear blue.             | 2871 <b>Ruffled Carmine.</b> Bright carmine-rose.  |
| 2855 <b>Captain Blood.</b> Bright scarlet.       | 2872 <b>Ruffled Rose.</b> Rich, deep rose.   |
| 2856 <b>Flagship.</b> Deep violet-blue.          | 2873 <b>Simplicity.</b> Salmon-pink.   |
| 2857 <b>Goldcrest.</b> Beautiful salmon-orange.  | 2874 <b>Siniles.</b> Salmon-cerise.  |
| 2858 <b>Highlander.</b> Pure lavender.           | 2875 <b>What Joy.</b> Deep cream.  |
| 2861 <b>Jubilee.</b> Scarlet cerise.             | Each, pkt., 10c; oz., 40c; ¼ lb., \$1.00.  |
| 2862 <b>Kames.</b> Black seeded white.           | 2879 <b>COLLECTION:</b> One pkt. of each of the above 20 splendid varieties, \$1.75.                                   |
| 2863 <b>Mary Pickford.</b> Salmon-pink on cream. | 2880 <b>Choice Spencer Mixture.</b> An endless variety of lovely colors. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50. |
| 2864 <b>Olympia.</b> Rich rosy purple.           |  |
| 2865 <b>Peggy Anne.</b> Brilliant cherry-cerise. |  |
| 2866 <b>Pinkie.</b> The best clear-pink.         |  |



Spencer Sweet Pea, Mary Pickford

## Early or Winter Flowering Spencer Sweet Peas

A recently developed class which is especially adapted for forcing in the greenhouse during winter and early spring. May also be sown outdoors in spring, and will bloom two to three weeks earlier than the standard summer sorts. The flowers are of true Spencer size and form.

- |  |  |
|--|--|
| 2900 <b>Amethyst.</b> Deep royal purple.   | 2906 <b>Lady Gay.</b> Shrimp-pink.         |
| 2901 <b>Annie Laurie.</b> Rose-pink.   | 2907 <b>Majestic Rose.</b> Rose-pink.      |
| 2902 <b>Aviator.</b> Crimson-scarlet.  | 2908 <b>Sweet Lavender.</b> Pure lavender. |
| 2903 <b>Blue Bonnet.</b> Deep blue.  | 2911 <b>Valencia.</b> Sun-proof orange.    |
| 2904 <b>Mrs. Calvin Coolidge.</b> Rich salmon-pink.  | 2912 <b>White Harmony.</b> Best white.     |
| 2905 <b>Glitters.</b> Glistening cerise.   |  |
| Each, pkt., 15c; oz., 75c.   |  |
| 2920 <b>Choice Mixed Early-Flowering Spencers.</b> A blend of the early flowering varieties. Pkt., 10c; oz., 60c; ¼ lb., \$2.00. |  |
| 2890 <b>CUPID MIXED.</b> Bushy plants 8 to 12 inches tall. Fine for rock gardens. All colors. Pkt., 15c.                         |  |

### FILL IN PERENNIAL BORDERS WITH ANNUALS

During late July and August the lack of bloom in perennial borders can be remedied by planting the following annuals in May:

- |            |          |          |
|------------|----------|----------|
| Calendula  | Larkspur | Poppies  |
| Calliopsis | Marigold | Scabiosa |
| Candytuft  | Petunia  | Verbena  |

All the above may be scattered broadcast and gently worked into the soil with a weeder or small rake.



Early Sweet Pea, Aviator



Verbena, Giant Hybrids

## Verbena AHH

**New Giant Hybrids.** An old-time favorite which has but lately been taken up by the hybridizers with truly marvelous results. Plants are compact, bushy and bear extra large trusses, the individual florets of which measure an inch in diameter. With this new strain we look for an immediate popularity of this fine flower.

- 3061 **Etna.** Geranium-red with yellow eye.  
 3062 **Lucifer.** Bright glowing scarlet.  
 3063 **Luminosa.** Flame-pink shading to salmon.  
 3064 **Rose Cardinal.** Cardinal-rose with white eye.  
 3065 **Violacea.** Deep violet-purple, white eye.  
 3066 **White.** Large pure white.

Each, pkt., 15c; ¼ oz., \$1.00.

3069 **COLLECTION:** One pkt. of each of the above 6 colors, 75c.

3070 **Mixed.** A superb array of color. Pkt., 10c; ¼ oz., 60c.

3052 **Beauty of Oxford Hybrids.** The largest flowered Verbena. Flower trusses are held erect and individual florets are very large. Pkt., 25c.

3053 **Lavender Glory.** Extra large lavender. Pkt., 25c.

3072 **Lemon Verbena** (*Lippia citriodora*). PT. Not a true Verbena. Grown for its fragrant lemon-scented leaves. Pkt., 20c.

3068 **Dwarf Fireball.** New dwarf scarlet. Pkt., 25c.

3071 **Erinoides** (*Moss Verbena*). AH. Thick, mossy foliage and clusters of little lavender flowers. Pkt., 10c.

## Sweet Wivelsfield AH

3014 A new race of hardy annual flowers, being the result of a cross between Pinks and Sweet William. Flowers are borne in heads like Sweet William, but the individual flowers are much larger. Blooms all summer. Pkt., 25c.

## Tithonia AH

3025 **speciosa.** Large Dahlia-like plants up to 6 feet tall. Flowers are flame-orange, shaped like a single Dahlia and borne on long stems. An excellent cut flower. Pkt., 25c.

3024 **speciosa, Fireball.** Similar to the above but the brightest scarlet imaginable. Should be started indoors early to bloom successfully in this district. Pkt., 25c.

## Tagetes AH

3015 **signata pumila, Little Giant.** Very pretty miniature Marigolds. Plants are dwarf, bushy and very free flowering. Pkt., 15c; ¼ oz., 50c.

## Thunbergia AHH

3020 (*Black-eyed Susan*). Rapid-growing, slender climbers with dainty, black-eyed cream, yellow, and buff flowers. Excellent for porch-boxes. Pkt., 10c; ¼ oz., 40c.

## Venidium AH

3075 **fastuosum.** The largest African daisy. Plants 2 to 3 feet tall bear numerous large daisy-shaped flowers, 4 to 5 inches across, orange with brown central discs. Pkt., 25c.

## Ursinia AH

3045 **anethoides.** Flowers are daisy-like with orange-colored petals and central bands of ruby-red. Pkt., 25c.



Torenia Fournieri

## Torenia AT

3030 **Fournieri.** Compact plants, covered with blue flowers. Splendid for baskets. Height, 8 inches. Pkt., 20c.

3031 **Bailloni.** A distinct novelty, blooms are yellow with bright red throat. Something new and striking for porch boxes and borders; suitable for rock gardens. Pkt., 35c.

## Virginian Stock AH

3095 (*Malcomia maritima*). Dwarf plants blooming all summer; shades of white, pink and rose. Pkt., 10c.

## Vinca PT

**Rosea** (*Periwinkle*). Handsome bedding plants, blooming the first summer from seed started indoors in February or March.

- 3091 **Pure White**  
 3092 **White with Rose Eye**  
 3093 **Rose with Red Eye**  
 3094 **Mixed**

Each, pkt., 15c; ¼ oz., 50c.

## Wild Cucumber AHH

3333 (*Echinocystis lobata*). Very rapid climbing vine for quick covering of trellises, banks, walls, etc. Pkt., 10c; oz., 35c.



Tithonia

# ZINNIAS

## California's Best

Year in and year out Zinnias remain the most satisfactory flower for summer and fall. The many different types, both in size and form of flower and in height of plants, make them adaptable for all gardening purposes.

Zinnias in their varied shapes, sizes and forms are one of the most satisfactory flowers to grow. Dwarf varieties are fine for beds and borders, while the taller varieties make the finest of cut flowers. Sow out-of-doors as soon as the weather has become settled in the spring. Seed may even be sown as late as July 1st. Be sure to thin out to give the plants plenty of room to develop.

Zinnias are one of the easiest of all flowers to grow successfully. We have grown the finest possible flowers from seed sown outdoors when the weather has become settled in May. Sow seed thinly and do not cover with more than one-fourth inch of soil; when plants are 2 to 3 inches tall, thin out, so they will have plenty of room to develop. Of course, seed may be started indoors in March or April for earlier blooms.

**Cultural Note:** While Zinnias are quite hardy and very easy to grow, it must be remembered that they are natives of Mexico and like hot weather and full sunshine. Do not plant too early; when the young plants are subjected to frosts or a period of cold weather, they receive a check which often causes mis-shapen flowers and also extreme variations in color.



Dahlia  
Flowered

### New Mammoth Dahlia Flowered

This wonderful new class is named from the resemblance of the flowers to the big double decorative Dahlias. Flowers often measure 6 inches in diameter and 3 inches in depth. Plants broad and robust. Height 3 feet.

- 3100 Canary Bird. Canary-yellow.
- 3101 Dream. Deep lavender, shading to purple. Unique.
- 3102 Exquisite. Light rose, blending to deep rose in the center.
- 3103 Golden State. Rich yellow, changing to orange.
- 3104 Old Rose. As the name implies.
- 3105 Polar Bear. Best pure white yet seen in Zinnias.
- 3106 Scarlet Flame. Bright scarlet and orange.
- 3107 Oriole. Immense gold and orange bicolor. Magnificent.
- 3108 Crimson Monarch. Enormous crimson-scarlet; largest of all Zinnias.

Each, pkt., 15c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 75c.

- 3109 COLLECTION: One pkt. of each of the above 9 varieties, \$1.10.
- 3110 Choicest Mixed. All colors. Pkt., 15c;  $\frac{1}{4}$  oz., 60c; oz., \$2.00.

### California Giant Double Zinnias

Same vigorous growth as the Dahlia-Flowered Zinnias, but flowers are more flat and spreading and consequently larger in some cases. Fine long stems for cutting.

- 3161 Cerise Queen. Cerise-rose.
- 3162 Lemon Queen. Lemon-orange.
- 3163 Miss Willmott. Beautiful soft pink.
- 3164 Scarlet Gem. Glowing scarlet.
- 3165 Orange King. Golden yellow.
- 3166 Purity. Pure white.

Each, pkt., 15c;  $\frac{1}{4}$  oz., 75c.

- 3169 COLLECTION: One pkt. of each of the above 6 varieties, 75c.
- 3170 Supreme Mixed. Pkt., 15c;  $\frac{1}{4}$  oz., 50c.

### Wild Garden Mixture

These mixtures contain a large assortment of the various annual flowers that will grow and bloom with little or no care.

- 3300 Dwarf Wild Garden Mixture. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.
- 3301 Tall Wild Garden Mixture. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.



California Giants

## Zinnia, Dwarf Double Cut-and-Come-Again

Bushy plants 15 to 18 inches high, covered with rounded flowers about 2 inches across. Unexcelled for bedding and fine for table decorations.

- |                     |                   |
|---------------------|-------------------|
| 3141 Bright Scarlet | 3145 White        |
| 3142 Canary-Yellow  | 3146 Violet       |
| 3143 Golden Yellow  | 3150 Choice Mixed |
| 3144 Salmon-Rose    |                   |

Each, pkt., 10c; ¼ oz., 35c.

3149 COLLECTION: One pkt. of each of the above 6 varieties, 50c.

## Zinnia, Elegans Double Lilliput

A very fascinating form of this popular flower. Plants are dwarf and bushy and covered with small, perfect full double flowers.

- |                  |                    |
|------------------|--------------------|
| 3171 Crimson Gem | 3173 Golden Orange |
| 3172 Flesh       | 3174 Salmon-Rose   |
| 3175 White       | 3180 Mixed         |

Each, pkt., 15c; ¼ oz., 50c.

3179 COLLECTION: One pkt. of each of the above 5 colors, 60c.

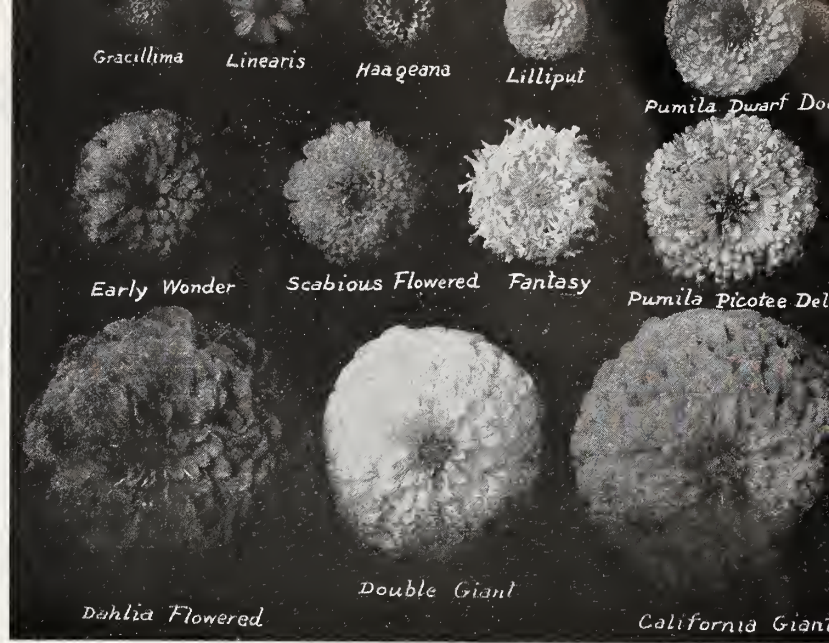
3176 ZINNIA, Lilliput Tom Thumb Mixed. The smallest Zinnia of them all completes our list. Plants 6 to 8 inches tall, bearing small, full double flowers in the usual range of Zinnia colors. Pkt., 15c; 2 pkts., 25c.



Fantasy Zinnia



Mexicana Haageana Zinnia



Types of Zinnias



Zinnia Linearis

## Zinnia, Miscellaneous Types

3178 ZINNIA linearis. A new and unusual Zinnia that more than makes up in charm what it lacks in size. Dwarf bushy plants 8 to 10 inches tall literally covered with single, medium-sized flowers. Blooms are golden orange with a stripe of lemon-yellow in the center of each petal. Blooms six weeks after seed is sown. Pkt., 25c.

3151 ZINNIA, Curled and Crested. Large, double flowers, with curiously twisted and curled petals. Height, 2 feet. Pkt., 10c; ¼ oz., 50c.

## Zinnia, Fantasy

3191 Star Dust. Award of Merit, 1937 All-America Selections. The first separate color selection from the ever-popular Fantasy type. Plant 2½ to 3 feet tall, literally covered with rich, golden yellow blooms. Blooms in about 7 weeks from sowing. Pkt., 25c.

3192 Rosalie. Two years ago we first offered Zinnia Fantasy, Star Dust, a delightful shade of yellow, and now as a fit companion for Star Dust, we offer Rosalie. Plants are same type of growth as Star Dust, and bear the same shaggy, graceful flowers, but fascinating intense rose in color. Pkt., 25c.

3190 Fantasy Mixture. A distinct departure from the formal type of Zinnia. Flowers are medium sized, double, with half-curved raylike petals. The one criticism of Zinnias has been that they were too stiff; this charming new variety has a distinctly airy appearance and makes excellent cut flowers. A full range of color is represented. Pkt., 15c.

3153 ZINNIA gracillima, Red Riding Hood. Plants 1½ feet tall, covered with small, double, scarlet flowers. Pkt., 15c; ¼ oz., 35c.

3155 ZINNIA, Picotee Mixed. A distinct type same size and shape as the giant Zinnias, but each petal is tipped with a contrasting color. Pkt., 15c; ¼ oz., 75c.

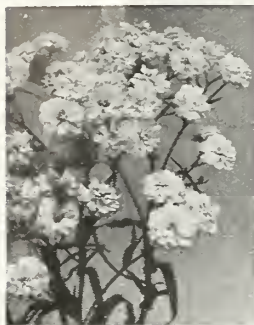
3154 ZINNIA scabiosiflora (Crested Zinnia). Flowers look like someone had cut the center out of a big double Zinnia and inserted a bloom of Scabiosa; a most pleasing arrangement, centers are generally a contrasting shade. Plants are strong and vigorous, growing about 3½ feet tall. Pkt., 25c; ¼ oz., 75c.

## Zinnia, Improved Mexicana Haageana

3152 In the mad rush for the large and giant-flowered strains of many of our flowers, the smaller varieties have been neglected. This charming little Zinnia is easily grown in almost any location, is practically free from insects and blooms continuously until killed by frost. Best results are obtained by planting seeds where they are to bloom and thinning out to 6 or 8 inches apart. Sturdy plants, 9 to 10 inches high, with stems long enough for cutting. It is excellent for either the rock garden or low beds or borders. Pkt., 15c; 2 pkts., 25c.

# Beckert Seed and Bulb Company

For the convenience of those of our customers who are hardy garden enthusiasts, we have grouped the hardy perennial and biennial flower seeds on this and the following pages. Hardy flower seeds may be sown out-of-doors in the open ground, in this locality, any time from about May 1 until August 15, and transplanted to their permanent location in the late summer or fall. After August 15th it is advisable to sow in cold frames, and winter the plants in the frames, transplanting to their permanent position in the spring. During the extremely hot days of July and August the seedlings (whether transplanted or not) should be shaded from the direct rays of the sun. Light frames covered with cheesecloth or lath spaced one-half inch apart may be used for shade, or even branches with a few leaves on.



Achillea

## Abronia PH

500 *umbellata* (Sand Verbena). Pretty trailing plants bearing fragrant, rosy lilac, verbena-like flower heads. Use for rock gardens. Pkt., 10c.

## Achillea PH

530 *ptarmica* fl. pl., The Pearl. (Sneezewort.) The finest white hardy perennial for cutting. Bears long-stemmed sprays of beautiful double white flowers from spring until fall. Height, 3 feet. Pkt., 25c.



Aconitum

## Aconitum PH

541 *Fischeri*. (Monkshood.) Grows about 18 inches high and flowers are a brighter blue than *A. napellus*. Blooms in September. Pkt., 25c.

540 *napellus* (Monkshood). Grows best in moist, shady places. Bears spikes of deep blue helmet-shaped flowers in June and July. Height, 3 feet. Pkt., 15c.

## Adlumia BH

550 *cirrhusa* (Allegheny Vine). Climber with fern-like foliage; white or flesh-colored flowers. Pkt., 15c.

## Adonis PH

562 *vernalis* (Flower-of-the-Gods). Blooms in early spring. The whole plant resembles a very dwarf cosmos. Yellow. Pkt., 10c.

## Alyssum PH

616 *saxatile compactum* (Gold Dust). Bears bright yellow flowers early in the spring. Pkt., 15c; 1/4 oz., 50c.

## Agrostemma PH

590 *coronaria* (Mullein Pink). Plants 1 1/2 feet high with silvery foliage; deep red flowers. Pkt., 10c; 1/4 oz., 30c.

## MRS. SCOTT ELLIOTT'S LONG-SPURRED HYBRID AQUILEGIA

This superb strain represents the utmost in Columbines. Plants are strong and vigorous growing; flower stems often reaching 3 feet. The individual blooms are immense, 3 to 4 inches across and with long, graceful spurs.

By careful selection the most beautiful blending of colors has been brought out, and we are pleased to offer them in five distinct shades as well as the mixture.

745 *Long-Spurred Pink*. All the best shades of pink. Pkt., 35c.

748 *Long-Spurred Blue*. Superb and delicate. Pkt., 35c.

740 *Long-Spurred Silver Queen*. Long-spurred white. Pkt., 50c.

737 *Long-Spurred Crimson Star*. Crimson with white spurs. Pkt., 50c.

738 *Long-Spurred Lemon Queen*. Pure lemon-yellow. Pkt., 50c.

744 *Long-Spurred Hybrids*. A well-balanced mixture of delightful shades. Pkt., 25c; 1/8 oz., 75c.

## Ampelopsis PH

640 *Veitchi* (Boston Ivy). Hardy climber for covering walls, pergolas, etc. Leaves turn to brilliant autumnal colors. Pkt., 10c; 1/4 oz., 25c.

## Anchusa BH

651 *capensis* (Cape Forget-me-not). Plants bushy, 2 feet tall, and bear a profusion of light blue forget-me-not-like flowers. Pkt., 10c; 1/4 oz., 30c.

652 *italica, Dropmore* (Alkanet). PH. One of the finest deep blue hardy perennials. Blooms are like those of *A. capensis* but deeper blue. Height, 4 to 5 feet. Pkt., 15c; 1/4 oz., 50c.

653 *myosotidiflora*. PH. We think this is the most charming of the Anchusas. Plants are compact and grow about 18 inches tall. Flowers are borne on short spikes above the foliage and are readily mistaken for the blooms of the true Forget-me-not. Seed very scarce. Pkt., 50c.

## Anemone PHH

(Windflower). Bushy plants 6 to 10 inches high, producing early in the spring, poppy-like flowers in shades of blue, red and white.

661 *coronaria, Single Mixed*. Pkt., 10c.

662 *coronaria, St. Brigid*. All colors; double and semi-double. Pkt., 25c.

670 *ANTHEMIS tinctoria* Kelwayi (Golden Marguerite). PH. Bears large, yellow daisy-like flowers on long stems, from mid-summer until frost. 2 feet. Pkt., 10c; 1/4 oz., 75c.

## Aquilegia (Columbine) PH

Dwarf foliage similar to the maidenhair fern. Flowers graceful, borne on long stems well above the foliage, in spring and early summer. Use in partially shaded places and rock gardens. Easily grown from seed. Height, 1 1/2 feet.

742 *canadensis*. Red and yellow. Pkt., 15c.

743 *chrysantha*. Golden yellow. Pkt., 15c.

741 *caerulea*. Blue and white. Pkt., 15c.

746 *Single Mixed*. All colors. Pkt., 10c; 1/4 oz., 40c.

747 *Double Mixed*. All colors. Pkt., 10c; 1/4 oz., 50c.



Arabis Alpina



Anchusa



Anthemis



Aquilegia, Long-Spurred

# Hardy Perennial Seeds

## Arabis PH

- 750 *alpina* (Rock Cross). Dwarf edging plants with clusters of snow-white flowers in early spring. Pkt., 10c; ¼ oz., 30c.  
751 *alpina rosea*. Rose-pink flowers. Pkt., 25c.

## Argemone PHH

- 770 *grandiflora hybrida* (Prickly Poppy). Tall, showy, prickly foliage and large white, cream and yellow poppy-like flowers. Pkt., 10c.

## Armeria PH

- 775 *Lauchena* (Sea Pink). Dwarf plants suitable for rock gardens. Evergreen tufts of bright green leaves from which flowers are borne on 8- to 10-inch stems. Pkt., 25c.

## Aster PH

- 938 MIXED (Michaelmas Daisy). Tall, bushy plants covered with small, single, blue, mauve, pink, and white flowers in late fall. Pkt., 15c.

## Aubrietia PH

- 945 *graeca* (Rock Cross). Dwarf; silvery green foliage covered with flowers of various colors. Pkt., 25c.

## Bellis Perennis PHH

One of the finest dwarf, early spring-blooming bedding plants, which will continue to bloom all summer if given plenty of water and partial shade. Flowers are full double and daisy-like. Height, 6 inches.

- 1001 *monstrosa*, Pink. Double; deep pink. Pkt., 25c; ⅛ oz., 75c.  
1002 *monstrosa*, White. Double; pure white. Pkt., 25c; ⅛ oz., 75c.  
1003 *monstrosa*, Red. Double; blood-red. Pkt., 25c; ⅛ oz., 75c.  
1004 *monstrosa*, Mixed. Pkt., 25c; ⅛ oz., 75c.

## Campanula

One of the most charming groups of biennial and perennial flowers. We list the six most generally grown species.

The first two are biennials and should be started in the spring or early summer in order to produce large-size plants for blooming the following year. Plant permanently on high well-drained ground, so that water does not lie on and rot crowns of the plants during the winter. The last four are perennials and perfectly hardy. They may be started any time from early spring until September.



Carnation

## CANTERBURY BELLS (C. medium). BH.

- The best known variety. Tall, stately plants, with large bell-shaped flowers.  
1071 Single Light Blue 1073 Single White  
1072 Single Pink 1074 Single Mixed  
Each, pkt., 10c; ¼ oz., 30c.  
1075 Double Mixed. Pkt., 15c; ¼ oz., 65c.

## CUP-AND-SAUCE CANTERBURY BELLS

- (C. medium calycanthema). BH. The popular name well describes the shape of the flowers; otherwise like the preceding.  
1081 Blue 1083 White  
1082 Pink 1084 Mixed  
Each, pkt., 15c; ⅛ oz., 50c.

HAREBELL (C. carpatica). PH. Beautiful little border plants, 9 to 12 inches high, covered with dainty bells. Charming in mixed perennial borders and rock gardens where a natural effect is desired.

- 1091 Blue 1092 White  
Each, pkt., 15c; ⅛ oz., 50c.

PEACH BELLS (C. persicifolia). PH. Very attractive plants 2 to 3 feet high; flowers large and cup-shaped.

- 1101 Blue 1102 White  
Each, pkt., 15c; ⅛ oz., 75c.

CHIMNEY BELLFLOWER (C. pyramidalis). PH. Very impressive plants 5 to 6 feet tall, with large flowers.

- 1111 Blue 1112 White  
Each, pkt., 15c; ¼ oz., 75c.

1113 ROTUNDIFOLIA (Bluebells of Scotland). PH. A very charming variety for the rock garden. Plants grow only a foot tall and are covered all summer long with dainty pure blue, bell-like flowers. Pkt., 50c.

## Candytuft PH

- Bloom in spring and early summer.  
1151 *gibaltarica*. Lilac-pink. Height, 1 foot. Pkt., 10c; ¼ oz., 75c.  
1152 *sempervirens*. Snowy white; early. Height, 6 inches. Pkt., 15c; ⅛ oz., 75c.

## Centaurea PH

- 1262 *montana* (Mountain Bluet). A hardy cornflower with large, deep blue flowers. Pkt., 10c.

## Giant Carnation PHH

Garden form of the well-known florist's flower. Seed started indoors in March produces plants that will bloom early the first summer and continue until frost. Plants protected over winter will bloom the following year. Brightly colored and very fragrant. The following half-dwarf sorts grow about 1 foot high.

- 1181 Crimson 1183 White  
1182 Rose 1184 Yellow  
1190 Half-Dwarf, Choicest Mixed.  
Each, pkt., 15c; ⅛ oz., 50c.

- 1189 COLLECTION: One pkt. of each of the above 4 colors, 50c.

- 1192 Chabaud's Everblooming, Mixed. A new extremely free-flowering strain. Flowers are full double and in a fine array of colors. Pkt., 25c.

- 1193 Englemann's Gold Medal. A superb perpetual blooming strain, bearing flowers almost as large as those grown in greenhouses. A wide range of color is included in this mixture. Pkt., \$1.00.



Double Shasta Daisy



Campanula Medium



Centaurea Montana



Delphinium

### Cerastium PH

1280 *tomentosum*. (Snow-in-Summer.) Pretty, very dwarf perennials for edging or borders. Has silvery white foliage and bears a great profusion of tiny pure white flowers in June and July. Pkt., 15c.

### Cheiranthus PH

1281 *Allioni*. Very dwarf plants bearing sweet-scented yellow flowers in May and June. Fine for rock gardens. Pkt., 15c; 1/4 oz., 35c.

### Chrysanthemum PH

1306 *Shasta Daisy*, Ball's Alaska. Flowers resemble the common wild daisy, but are much larger, often 5 inches across, if given thorough culture. Plants grow 2 1/2 feet high. Seeds started indoors in March will bloom the first year. Pkt., 25c.

1307 **DOUBLE SHASTA DAISY**. PH. Beautiful double form of the above. Resemble small chrysanthemums. Pkt., 50c.



Coreopsis

## Delphinium (Hardy Larkspur) PH

Handsome, stately, old-fashioned flowers. The finest blue hardy perennial and indispensable for the well-arranged hardy border. If started very early indoors, they will bloom the first summer.

1515 *V. & R. Pacific Giants*. The finest strain of Delphiniums today. Flowers 2 1/2 to 3 1/2 inches across, thin wiry stems and practically mildew resistant. Pkt., \$1.00.

1516 *Wrexham Hollyhock Delphinium*. The individual flowers are immense in size, often 2 inches across. Colors range from light blue through varying combinations of blue, pink and mauve to dark indigo, occasionally pure white. Pkt., 75c; 3 pkts., \$2.00.



Digitalis. Page 47

1553 *Alpinus Allwoodi*. For rock gardens. Pkt., 25c.

1555 *Deltoides* (Maiden Pink). Dwarf, creeping variety good for rock garden work. Bright rose flowers in June and July. Pkt., 25c; 1/4 oz., \$1.00.

1556 *Rock Hybrids*. A special selection of dwarf varieties ideal for rock garden work. Pkt., 25c; 1/4 oz., \$1.00.

### Coreopsis PH

1390 *lanceolata grandiflora*. Splendid for cutting; bright golden yellow, cosmos-like flowers; blooms all summer. Height, 2 feet. Pkt., 10c; 1/4 oz., 30c.

1395 *lanceolata*, Semi-Double. A grand new strain of Coreopsis producing semi-double flowers. Fully as strong and vigorous growing as the old type. Pkt., 15c; 1/4 oz., 50c.

1396 *Mayfield Giant*. A giant-flowered strain. Pure golden yellow. Pkt., 25c.



Dianthus Deltoides

1514 *Iceberg*. Heavy spikes of pure white flowers 3 to 4 feet high. Pkt., 50c.

1510 *Belladonna, Cliveden Beauty*. An improved strain of Belladonna. Pkt., 25c; 1/8 oz., 75c.

1512 *Bellamosum*. Dark blue with white eye. Height, 5 feet. Pkt., 25c; 1/8 oz., 75c.

1513 *Gold Medal Hybrids*. The finest English strain. Tall spikes of large flowers in all shades of blue. Pkt., 50c; 1/8 oz., \$1.25.

**CHINENSE**. Quite distinct from the above. Plants are 1 1/2 feet high and resemble huge Lobelias. Bloom continuously from July until September.

1521 *Blue*. Pkt., 10c; 1/4 oz., 50c.

1522 *White*. Pkt., 10c; 1/4 oz., 50c.

## Hardy Garden Pinks PH

(*Dianthus Plumarius*)

1551 *Single, Mixed*. Fringed petals; white or light pink with dark eye; clove-scented. Pkt., 10c; 1/4 oz., 40c.

1552 *Double, Mixed*. Pkt., 15c; 1/4 oz., 75c.

1554 *Allwoodi* (Perpetual Blooming Pink). Blooms continuously from spring until frost. Wide range of colors and very sweet-scented. Pkt., 25c; 3 pkts., 65c.



Dianthus Plumarius



## Digitalis - Foxglove BH

Stately plants, producing long spikes of nodding, bell-shaped blossoms in June. They thrive in partial shade as well as full sun.

**1568 Shirley Hybrids.** A new giant race of Foxgloves. Plants under thorough cultivation attain a height of 7 feet, with flower spikes 3 feet long. Flowers are large, closely spaced and very richly colored. Pkt., 25c; 1/8 oz., 75c.

**1561 Gloxinia, Pink**      **1563 Gloxinia, White**  
**1562 Gloxinia, Purple**    **1564 Gloxinia, Mixed**  
 Each, pkt., 10c; 1/4 oz., 40c.

**1565 Yellow Foxglove** (*D. grandiflora*). PH. Height, 2 feet. Pkt., 15c; 1/4 oz., 50c.

**1566 Iver's Spotted.** BH. Various colors, attractively spotted. Pkt., 15c; 1/4 oz., 50c.

**1567 Double Giant Foxglove** (*D. monstrosa*). BH. Large spikes with the top flowers united in one mammoth double bell. Pkt., 15c; 1/4 oz., 60c.

## Echinops PH

**1600 ritro** (Globe Thistle). Big plants, 4 to 6 feet tall, for background planting; large steel-blue, globe-shaped, thistle-like flowers. Pkt., 10c.

## Eryngium PH

**1620 amethystinum** (Sea Holly). Ornamental plants, 2 to 3 feet high, with beautiful metallic blue foliage; flowers blue, thistle-like. Pkt., 25c.

## Gaillardia (Blanket Flower) PH

Fine for borders and large beds. Bloom the first season, if started in February.

**1732 Burgundy.** Very large and brilliant. Pkt., 15c.

**1733 Hybrida Mixed.** Gorgeous colors. Pkt., 15c; 1/4 oz., 50c.

**1735 Portola Hybrids.** The finest Gaillardia. Flowers are large, full and brilliantly colored. Pkt., 25c.

## Geum PH

Border perennials 2 feet high; large brilliant flowers on long stems.

**1762 Mrs. Bradshaw.** Orange-scarlet; semi-double. Pkt., 15c.

**1763 Lady Stratheden.** Bright golden yellow. Pkt., 20c.

## Ornamental Grasses

Mostly tall-growing grasses with variously colored foliage and pretty flower or seed-heads. When cut and dried they are very nice for winter decorations.

**1816 Erianthus ravennae** (*Ravenna Grass*). PH. Silvery plumes.

**1817 Eulalia zebrina** (*Zebra Grass*). PH. Conspicuously striped leaves.

**1818 Gynerium argenteum** (*Pampas Grass*). PH. Grows 8 feet high.

Each, pkt., 15c.



Geum



Gaillardia

## Helianthemum PH

**1850 Mutabile.** Dwarf, trailing, evergreen. Bears yellow flowers during June and July. Pkt., 20c.

## Hesperis PH

**1890 Matronalis** (*Sweet Rocket*). Plants 2 feet high, resembling stocks. Flowers purple and white; old favorites, easy to grow. Pkt., 10c; 1/4 oz., 25c.

## Heuchera PH

**1900 sanguinea.** Rich bright red flowers with showy foliage. Pkt., 25c.



Echinops Ritro



Gypsophila

## Gypsophila PH

(*Baby's Breath*.) Graceful plants with small flowers and misty foliage; nice for "background" in bouquets.

**1844 Paniculata.** Pure white flowers borne in large, misty sprays. Pkt., 10c; 1/4 oz., 30c.

**1845 Paniculata, Double.** Double form of above and better for cut flowers. Pkt., 25c.

**Repens** (*Creeping Baby's Breath*). A trailing or creeping variety of Gypsophila; fine in rock gardens.

**1846 Rosea.** Pkt., 25c.

## Helianthus (Sunflower) PH

**1870 Choicest Mixed.** For showy background. Height, 4 to 6 feet. Pkt., 20c.

## Helenium (Sneezewort) PH

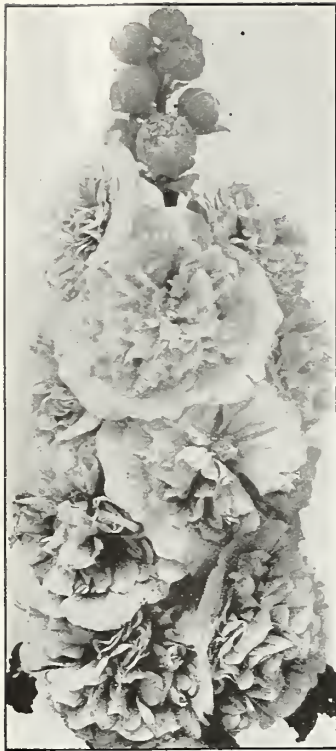
Tall, bushy plants covered with large, bright, daisy-like flowers in summer and fall.

**1847 autumnale superbum.** Golden yellow. Pkt., 15c; 1/8 oz., 50c.

**1848 Riverton Gem.** Orange, black center. Pkt., 15c; 1/8 oz., 50c.



Helianthemum



Double Hollyhock

## Hibiscus PH

(Marshmallow.) Spreading plants, 4 feet tall, with flowers often 6 inches across, like immense single hollyhocks. Does best in moist places.

1901 **White with Eye.** Large, white flowers, with crimson centers. Pkt., 15c; ¼ oz., 40c.

1902 **Giant Red.** Immense crimson blooms. Pkt., 15c; ¼ oz., 40c.

1904 **New Giant Hybrids.** A new giant sort with flowers from 6 to 8 inches in diameter. White, pink, carmine, crimson; some with distinct "eyes." Pkt., 15c; ¼ oz., 60c.

## Hollyhocks BH

For tall backgrounds, hedges and for filling in the odd corners, hollyhocks surpass all hardy flowers. Seed sown in early summer will produce blooming plants the following season. Once established they often seed themselves from year to year.

### IMPROVED DOUBLE HOLLYHOCKS

#### Chater's Superb Strains

1911 Maroon      1914 Salmon      1916 Yellow  
1912 Newport Pink      1915 White      1920 Mixed  
1913 Rose

Each, pkt., 10c; ¼ oz., 60c.

1919 **COLLECTION:** One pkt. of each of the above 6 colors, 50c.

1935 **Single Mixed.** A fine assortment of colors. Pkt., 10c; ¼ oz., 50c.



Hesperis (page 47)

## Lathyrus PH

2010 **latifolius, Mixed** (Perennial Sweet Pea). Trailing or climbing; good on stone walls and low fences. Like sweet peas but without odor. Red, Pink and White. Pkt., 10c; ½ oz., 50c.

## Lavender PH

2030 (*Lavandula vera*). The familiar sweet-scented herb. Pkt., 15c.

## Liatris PH

2045 **pycnostachya** (Kansas Gay Feather). Imposing spikes of lavender-lilac blooms 3 to 4 feet high. Blooms in September when perennial flowers are at a premium. Pkt., 25c.

## Linaria PHH

2051 **cymbalaria** (Kenilworth Ivy). Very graceful trailing plants, fine for porch boxes. Ivy-like leaves and dainty lavender, pink or white flowers. Pkt., 15c.

2053 **macedonia speciosa** (Perennial Snapdragon). PH. Readily mistaken for tall, yellow Snapdragons and perfectly hardy. Thrives in almost any location. Pkt., 25c.

## Kudzu Vine PH

1980 (*Pueraria Thunbergiana*). An extremely vigorous climber. Large, dark green leaves and lavender, pea-shaped blossoms. Dies down to the ground each winter. Pkt., 10c; ¼ oz., 25c.

## Linum PH

2062 **perenne, White.** Plants 1½ feet high, with pure white flowers. Pkt., 10c; ¼ oz., 40c.

2063 **perenne, Blue** (Blue Flax). Clear sky-blue. Pkt., 10c; ¼ oz., 40c.

2064 **alpinum.** Very dwarf plants covered with light blue flowers. Pkt., 25c.

## Lobelia PH

2077 **cardinalis** (Cardinal Flower). Tall plants with flaming red flowers. Prefers moist spots. Pkt., 25c.

## Lunaria BH

2080 (**Honesty**.) Its round, flat, silvery transparent seed pods make interesting decorations when combined with winter bouquets. Pkt., 15c.



Linaria



Lunaria



Linum Perenne



Liatris



Lupinus Polyphyllus

## Nepeta PH

2345 **Mussini**. Forms dense tufts about a foot high and bears violet-blue flowers during July and August. Good for rockeries. Pkt., 25c.

## Pentstemon PH

(Beard Tongue)

Very showy plants, requiring a rich soil and sunny situation. Flowers in many shades, borne on long spikes. Height, 2 ft.



Physalis Francheti

2441 **Sensation**. Gloxinia-like flowers in shades of red. Pkt., 15c.

2442 **Mixed**. Many colors. Pkt., 15c.



Lychnis Viscaria

## Phlox PH

2505 **decussata, Choicest Mixed**. A superfine mixture of the newest varieties. Height, 2 to 3 feet. Pkt., 25c.

## Myosotis (Forget-me-not)

Charming massed in beds or in wild gardens. They prefer moist, shady spots. All will bloom the first season if started early indoors.

2291 **alpestris, Royal Blue**. PH. Deep blue flowers. Height, 9 inches.

2292 **alpestris alba**. Pure white.

2293 **alpestris rosea**. Rose-pink.

Each, pkt., 10c; ¼ oz., 50c.

2295 **palustris semperflorens**. PH. Dwarf, compact, blooming all summer. The most popular type. Pkt., 15c; ⅛ oz., 75c.

2296 **Ruth Fischer**. PHH. Large; azure-blue. A favorite for growing in pots. Pkt., 25c.

2298 **Choice Mixed**. PH. Pkt., 10c; ¼ oz., 50c.



Myosotis

## Hardy Lupins PH

The only flowers we have that can compare in beauty and stateliness with the Hybrid Delphiniums. Plants are of very vigorous growth, with tall spikes of closely set pea-like flowers. All conceivable colors are included in the mixture. Our seed is imported direct from the originator.

2118 **Lupinus polyphyllus, Russell's**. The most talked about flower in England last year where it received the Gold Medal of the Royal Horticultural Society. Russell's Lupins are by far the finest Lupins ever offered. Spikes of flowers are giant in size, up to 3 feet long, and include colors never before seen in Lupins. Originator's pkts., 12 seeds, 25c. Seed grown from originator's seed, pkt. 20 seeds, 25c.

2117 **Hybrids**. All colors. Pkt., 25c.

**POLYPHYLLUS TYPE**. May and June. Height, 3 feet.

2101 **Blue**

2110 **Mixed**

2102 **White**

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

2103 **Bright Rose**. Extra fine. Pkt., 15c; ¼ oz., 40c.

## Lychnis PH

Brilliant border perennials; easily grown in a variety of soils. Flowers are borne on long stems and are fine for cutting.

2131 **chalconica** (Maltese Cross). Heads of fiery scarlet flowers, shaped like a Maltese Cross. Height, 2½ ft. Pkt., 10c; ¼ oz., 25c.

2132 **Haageana**. Dwarf plants with very large flowers; shades of red and pink. Height, 1 ft. Pkt., 15c.

2133 **viscaria splendens**. Bright rose-pink. Height, 2 ft. Pkt., 10c.

## Lythrum PH

2140 **roseum superbum** (Loosestrife). Long spikes of bright rose flowers, in late summer; prefers moist spots. Height, 4 to 5 ft. Pkt., 10c.

## Matricaria PHH

2180 **capensis, Double White** (Feverfew). Small, creamy white flowers; blooms the first season from seed and is usually treated as an annual. Pkt., 10c.

2181 **Golden Ball**. Golden yellow. Pkt., 15c.

## Physalis PH

(Chinese Lantern Plant)

2508 **Francheti**. Chinese Lantern Plants are prized for the bright red husks that are formed in late fall and which, if cut and dried, will retain their shape and color over winter. They are perfectly hardy, and if started indoors in March or April, will bear husks the first year. Pkt., 15c; ¼ oz., 50c.

# Beckert Seed and Bulb Company



Viola Cornuta

## Pansies BHH

Cool weather and moist soil produce the largest and finest Pansies. The best time to sow is during July or August, in shaded frames, in which the plants, given some protection, may be carried over winter and set out early the following spring when they will commence to bloom at once and continue all summer if watered plentifully. Next best is to sow indoors or in the hotbed in February or March.

Seed sown in May will give blooming plants in the fall. Space Pansy plants at least a foot apart and keep the faded flowers picked.

### SPECIAL FINE STRAINS AND MIXTURES

- 2400 B. S. & B. Co.'s Finest Mixed. Selected for size, form of bloom, and richness of color, as well as vigor and free-blooming qualities, this special blend of our own is absolutely without a peer. Pkt., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1/2 oz., \$5.00; oz., \$10.00.
- 2403 Masterpiece. A giant-flowered strain with distinctly waved and frilled petals. Pkt., 25c; 1/8 oz., \$1.00.
- 2404 Mme. Perret. Wine shades. Pkt., 25c; 1/8 oz., 75c.
- 2405 Choice Mixed. An excellent mixture. Pkt., 25c; 1/8 oz., 75c.
- 2420 Trimardeau Mixed. Pkt., 10c; 1/4 oz., \$1.00.

## Fancy Giant Pansies

An excellent strain of Fancy Giant Pansies, much larger than the old Trimardeau type and very true to color. Plants have strong, bushy growth and are remarkably free flowering.

- 2410 Cardinal. Brilliant cardinal-red. A rare shade in Pansies.
- 2411 Eros. Large flowers, velvety brown, edged with golden yellow.
- 2412 Golden Gem. (Blotched.) Golden yellow with large brown blotches on the lower petals.
- 2413 Golden Queen. Pure golden yellow.
- 2414 Lord Beaconsfield Improved. Top petals sky-blue, lower petals violet-purple.
- 2415 Mauve Queen. Rosy lilac-mauve, extra large blooms.
- 2416 Mercury. Giant blooms with frilled edges, velvety black.
- 2417 Snowflake. Extra large; pure snow-white.
- 2418 Vulcan. Rich dark red with black blotches. An unusual bloom.
- Each, pkt., 15c; 1/8 oz., 75c.
- 2419 COLLECTION: One pkt. of each of the above nine colors, \$1.20.

## Violas or Tufted Pansies PHH

These are improved strains of the old-fashioned "Johnny Jump-ups." The plants are bushy and free-blooming, with medium-sized flowers all summer.

- 2421 Blue Perfection. Deep blue shades.

## Physostegia PH

2510 virginica (False Dragonhead). Covered in summer with spikes of lavender-pink flowers held pendent, somewhat like Foxgloves. Height, 3 to 4 ft. Pkt., 15c; 1/4 oz., 75c.



Physostegia

## Platycodon (Balloon Flower) PH

Balloon-shaped buds, opening to big bell-shaped flowers. Blooms all summer. Height, 2 1/2 feet.

- 2521 Large Blue. Lavender-blue. Pkt., 10c.
- 2522 Large White. Pure white. Pkt., 15c.

## Polemonium PH

2530 caeruleum (Jacob's Ladder). Ornamental foliage, and deep blue and white flowers. Height, 2 feet. Pkt., 10c.

## Perennial Poppies PH

Very fine subjects for hardy borders. The Oriental varieties are the largest and most brilliant of the Poppy family, blooming in late May and June. Height, 3 feet.

- 2561 Oriental. Glorious flowers, 5 to 6 inches across, crimson-scarlet with black base. Pkt., 10c; 1/4 oz., 60c.
- 2565 Oriental, Mahony. Rich deep blood-red. Pkt., 25c; 1/8 oz., \$1.00.
- 2562 Oriental Hybrids, Mixed. Shades of red, pink, salmon, etc. Pkt., 10c; 1/4 oz., 60c.
- 2563 Princess Victoria Louise. Clear salmon-pink. Pkt., 15c; 1/8 oz., 65c.
- 2564 Iceland Poppy (Papaver nudicaule). Hardy, thrifty plants, fine in rock gardens and on poor soil, blooming in early spring. Shades of yellow, orange, apricot, white, etc. Height, 1 foot. Pkt., 15c; 1/4 oz., 75c.



Platycodon

- 2422 lutea splendens. Rich golden yellow.
- 2423 Butterfly (V. papilio). Lavender.
- 2424 White Perfection. Fine pure white.
- 2428 Mauve. Lavender-mauve. Each, pkt., 15c; 1/4 oz., \$1.00.
- 2430 Mixed. The above and many others. Pkt., 15c; 1/4 oz., 75c.
- 2425 VIOLA, Jersey Gem. New hardy Viola, blooms all summer. Pkt., 25c.
- 2427 VIOLA rosea. A distinct shade of rose unusual in Violas. Pkt., 25c.
- 2426 VIOLA, Apricot Chantreyland. Pleasing combination of apricot and brown. Strong bushy plants. Pkt., 25c.
- 2431 VIOLA odorata (Sweet-Scented Viola). The true sweet-scented Violet. Pkt., 25c.



Oriental Poppy

# 502 Liberty Avenue, Pittsburgh, Penna.

## Hardy Primrose PHH

Attractive for rock gardens and woody spots, preferring a cool, moist soil and requiring light protection over winter. They bloom in early spring.

2611 *auricula*, Mixed. Low growing and free blooming. Flowers with distinct "eyes." Pkt., 25c.

2613 *japonica*. Very free flowering; all colors. Pkt., 25c.

2615 *polyanthus*. Tall English Polyanthus in a wide variety of colors. Pkt., 15c.

2614 *vulgaris*. True English Primrose. Bears yellow flowers in heads in early spring. Pkt., 15c.

2616 *veris acaulis*. True old-fashioned Cowslip. Pkt., 25c.

## Pyrethrum PH

Fine hardy border daisies.

2620 *roseum*, Red. Pkt., 25c.

2621 *roseum*, Single Hybrids. Large, daisy-like flowers in attractive shades of red and pink. Pkt., 15c; ¼ oz., 75c.

2622 *roseum*, Double Hybrids. A very fine double form of the above. Pkt., 25c.

## Rudbeckia (Coneflower)

Tall, showy flowers like single Chrysanthemums, with cone-shaped centers; free blooming.

2642 *speciosa Newmanni*. PH. Bright yellow with conspicuous purple cone; blooms in autumn. Pkt., 15c.

2643 *purpurea* (*Echinacea purpurea*). PH. Rosy purple; late summer. This variety is called "Red Sunflower." Pkt., 15c.

## Salvia PHH

2676 *farinacea*. Flowers the first season and is usually treated as an annual. Lavender-blue. Pkt., 15c.

## Saponaria PH

2691 *ocymoides*. A very pretty dwarf form, fine for rock gardens. Pkt., 15c; ¼ oz., 25c.

## Scabiosa PH

2711 *caucasica*. Pale blue flowers. More open than the annual varieties. Height, 3 feet. Pkt., 15c.

2713 *Isaac House Strain*. An extremely large flowered strain of *caucasica*. Pkt., 25c.

2712 *japonica*. Lavender flowers. Height, 2 feet. Pkt., 10c.

## Silene (Catchfly) PH

For borders and rock gardens.

2731 *armeria*. Bright rose-pink. Height, 2½ feet. Pkt., 10c.

2732 *Schafta*. Rosy purple; very dwarf. Pkt., 15c.

## Statice PH

2763 *latifolia* (Sea Lavender). A fine hardy perennial with flowers greatly resembling Baby's Breath, except that they are silver-blue in color and may be dried for use in winter bouquets. Pkt., 15c.



Veronica



Stokesia



Scabiosa

## Valeriana PH

3050 *rubra* (*Centranthus ruber*). Tall spikes of sweet-scented red flowers. Blooms all summer. Height, 3 ft. Pkt., 10c; ¼ oz., 30c.

## Veronica PH

3080 *spicata* (Speedwell). Border plants with long, blue flower spikes in midsummer. Height, 2 ft. Pkt., 15c.

3081 *repens*. Creeping variety of Veronica suitable for rock gardens. Pkt., 25c.

3082 *longifolia*. Long spikes of dark blue flowers. Pkt., 25c.



Pyrethrum

## Stokesia PH

2820 *cyanea* (Cornflower Aster).

Large semi-double flowers of deep lavender-blue all summer. Height, 2 ft. Pkt., 15c; ¼ oz., 75c.

## Sweet William PH

Easily grown old-fashioned hardy flowers. The plants grow 15 to 18 inches tall and bear broad trusses of richly colored, sweet-scented flowers.

3001 *Holborn Glory*. Large, single flowers, various shades, with distinct white "eyes."

3002 *Maroon*. Dark velvety color.

3003 *Newport Pink*. Large; salmon-pink.

3004 *Scarlet Beauty*. Deep scarlet.

3005 *Pure White*

Each, pkt., 10c; ¼ oz., 35c.

3009 *COLLECTION*: One pkt. of each of the above 5 colors, 40c.

3011 *Single Mixed*. All colors. Pkt., 10c; ¼ oz., 25c.

3010 *Double Mixed*. Fine. Pkt., 10c; ¼ oz., 40c.

## Thalictrum PH

3016 *diptercarpum*. Very pretty plants for the perennial border. Fernlike leaves and white and rose-colored flowers. Pkt., 25c.

## Tritoma PH

3040 *hybrida mirabilis* (Red-Hot-Poker Plant). This new continuous-blooming Tritoma is a decided acquisition to any garden. Bears tall, orange-scarlet spikes throughout the summer. Pkt., 15c.

## Verbena PHH

3074 *venosa* (Hardy Tuber Verbena). Treated same as Dahlias, increases each year. Height, 1 ft. Pkt., 10c.

## Wallflower PHH

Fragrant border perennials, thriving best in cool, moist spots. Should be carried over winter in frames. Attractive shades of brown, coppery red, old gold, etc.

3096 *Single Early Paris*. Blooms early the first summer from seed sown indoors in February or March. Pkt., 10c; ¼ oz., 30c.

3097 *Early Single, Mixed*. Pkt., 10c; ¼ oz., 30c.

3098 *Double Mixed*. All colors. Pkt., 25c.

# Flowers for Various Purposes

To assist you in making a selection of flowers for special localities and purposes, we have listed below the best varieties for each particular purpose.

## FLOWERS FOR CUTTING BY COLORS

White	Pink	Red	Yellow	Blue
Antirrhinum	Aster	Antirrhinum	Antirrhinum	Ageratum
Aster	Celosia	Aster	Calliopsis	Aster
Candytuft	Centaurea	Calliopsis	Calendula	Blue Lace
Centaurea	Cosmos	Celosia	Chrysanthemum	Centaurea
Chrysanthemum	Dianthus	Cosmos	Helianthus	Gilia
Cosmos	Larkspur	Gaillardia	Hunnemannia	Larkspur
Larkspur	Phlox	Poppy	Marigold	Lupinus
Lupinus	Scabiosa	Salpiglossis	Nasturtium	Nigella
Scabiosa	Sweet Peas	Scabiosa	Salpiglossis	Scabiosa
Zinnia	Zinnia	Zinnia	Zinnia	Sweet Peas

## MOIST SOIL

Amaranthus	Calendula	Larkspur	Linum	Marigold	Marvel of Peru	Mignonette	Nigella	Ricinus
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## DRY LOCATION

Abronia	Bartonia	Candytuft	Cynoglossum	Four O'clock	Humulus	Petunia	Tithonia
Ageratum	Brachycome	Centaurea	Dianthus	Gaillardia	Marigold	Portulaca	Verbena
Alyssum	Browallia	Coreopsis	Dimorphotheca	Helianthus	Mesembry-anthemum	Scabiosa	Vinca
Arctotis	Calliopsis	Cosmos	Euphorbia	Hollyhock		Stalice	Zinnia

## HANGING BASKETS

Abronia	Begonia	Ipomoea	Nasturtium	Thunbergia
Ageratum	Coleus	Lantana	Petunia	Verbena
Asparagus sprengeri	Geranium	Lobelia	Portulaca	

## WINTER BOUQUETS

Celosia Cristata	Gomphrena	Gypsophila paniculata	Helichrysum	Lunaria	Physalis	Stalice
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## DWARF EDGING PLANTS

Ageratum	Armeria	Campanula	Myosotis	Nemophila	Viola
Alyssum	Aubrietia	Lobelia	Nasturtium	Pansy	Virginian Stock
Arabis	Bellis	Marigold	Nemesia	Portulaca	Zinnia, Tom Thumb

## CLIMBING PLANTS

Balloon Vine	Cobaea	Gourds	Morning Glory	Sweet Peas
Canary Bird Vine	Cypress Vine	Ipomoea	Nasturtium (Tall)	Wild Cucumber
Cardinal Climber	Dolichos	Momordica	Scarlet Runner Beans	

## FRAGRANT FLOWERS

Alyssum	Centaurea imperialis	Mignonette	Petunia	Sweet Peas	Valeriana
Candytuft	Heliotrope	Nasturtium (Gleam)	Scabiosa	Sweet William	Wallflower
Carnation	Matthiola	Nicotiana	Stocks		

## POOR SOIL

Alyssum	Celosia	Cosmos	Godetia	Mesembry-anthemum	Nasturtium	Stalice	Venidium
Antirrhinum	Clarkia	Euphorbia	Kochia		Portulaca	Ursinia	Verbena

## PARTIAL SHADE

Anchusa italica	Campanula	Geum	Marigold	Platycodon
Aquilegia	Centaurea	Godetia	Myosotis	Sweet William
Balsam	Clarkia	Linaria	Pansy	
Bellis perennis	Coleus	Lupin		

## ROCK GARDEN ANNUALS

Abronia	Leptosyne	Mesembry-anthemum	Nemophila	Schizanthus	Virginian Stock
Alyssum	Linaria	Nasturtium, Dwarf	Phlox	Thunbergia	Zinnia,
Brachycome	Lobelia	Nemesia	Portulaca	Torenia	Tom Thumb
Dianthus	Marigold, Dwarf		Sanvitalia	Ursinia	Zinnia Haageana
Dimorphotheca			Saponaria	Verbena	

## ROCK GARDEN PERENNIALS

Alyssum	Aubrietia	Cerastium	Gypsophila	Lychnis	Primula	Verbena
Aquilegia	Bellis	Cheiranthus	Helianthemum	Myosotis	Saponaria	Veronica
Arabis	Campanula	Dianthus	Heuchera	Nepeta	Silene	Viola
Armeria	Candytuft	Geum	Linum	Platycodon		

## FOLIAGE PLANTS

Amaranthus	Eryngium	Kochia	Mimosa
Centaurea	Euphorbia	Mesembry-anthemum	Ricinus
Coleus	Grasses		

## MASSED BEDS

Asters	Four O'clock	Petunia	Salvia
Candytuft	Marigold	Phlox	Zinnia
Centaurea	Nasturtium		

All flowers are listed alphabetically in the Flower Seed Section, or may be more readily found by referring to the index on page 64.

# Exhibition Dahlias

- Commodore.** Fine deep yellow. Blooms perfectly formed and borne on strong stems. 50c each.
- Edna Ferber.** Extra large flowers, coral-pink shading to old gold towards the center. 50c each.
- Emmanuel's Beauty.** A striking bloom, flaming red and yellow. 50c each.
- Grace Richard.** A beautifully formed bloom, pure white overlaid with lilac. 50c each.
- Graf Zeppelin.** Large pure white blooms with full centers. 50c each.
- Jane Cowl.** (Decorative.) Flowers are positively huge in size, bronzy buff and gold shading to a deeper tone at the center. Plants are strong and vigorous with leathery foliage that insects do not like. 50c each.
- Jersey's Beauty.** (Decorative.) The finest pink Decorative Dahlia ever introduced. Color is a rich clear glowing pink. Flowers are of large size and held erect on long, strong stems. 50c each.
- Josephine G.** Bright rose-pink; center petals are tipped with yellow. 50c each.
- Judge Snyder.** (Decorative.) Superfine, deep velvety crimson blooms. Very free flowering. 50c each.
- Kathleen Norris.** Massive flowers of true rose-pink color. Overlapping petals, twisted at the ends. 50c each.
- Monmouth Champion.** Flame-scarlet, extra large flowers often 12 inches across. 75c each.
- Mrs. I. De Ver Warner.** (Decorative.) Clear orchid or mauve-pink, and one of the most satisfactory of the large Decorative Dahlias to grow. 50c each.
- Omar Khayyam.** Chinese red and orange. A striking bloom of intense color. 50c each.
- Prince of Persia.** Strong growing plant with extra large bright red flowers. 50c each.
- Satan.** One of the finest reds. Bright scarlet with yellow on the reverse side of petals. 75c each.
- The World.** Extra fine dark purple. Strong growing plant. 75c each.
- White Wonder.** One of the finest white decorative Dahlias. Large pure white blooms on strong stems. 75c each.



Exhibition Dahlia

# Supreme Gladiolus

Loveliest of summer-blooming bulbous flowers for cutting, and also very effective when used in mixed borders and among shrubbery. Gladiolus are very easy to grow, and, while fertile soil will give best results, they will thrive and bloom in practically any garden soil, if planted in a sunny location.

Plant any time from mid-April to the end of June; in fact, we advise that planting be extended over this entire period, so that a succession of bloom may be had from June until frost. Plant bulbs 4 to 5 inches deep, 6 to 8 inches apart. Cultivate frequently, but not too deeply, during the growing season, and stake when 12 inches high.



- Albatross.** Best and largest pure white Gladiolus. Flowers nicely placed on tall strong stems. 80c per doz.; \$5.50 per 100.
- Bagdad.** Exotically oriental. Smoky old rose with lighter throat. Immense blooms with five to seven open at one time. 80c per doz.; \$5.50 per 100.
- Betty Nuthall.** Rich orange-pink with pale yellow throat. Flowers are large, full open and well spaced on long stems. 70c per doz.; \$5.00 per 100.
- Commander Koehl.** One of the very finest Gladiolus. Flowers are immense in size, borne on long stems and intense dark sparkling scarlet in color. 90c per doz.; \$6.00 per 100.
- Duna.** Apricot-buff with creamy throat. Large wide-open flowers well spaced on medium tall stems. 80c per doz.; \$5.50 per 100.
- Giant Nymph.** Light rose-pink with creamy yellow throat. Very strong growing. 70c per doz.; \$5.00 per 100.
- Golden Frills.** Deep golden yellow, lightly penciled with rose. Extra-large blooms, very much ruffled. 70c per doz.; \$5.00 per 100.
- Helen Wills.** Large white, shading to soft canary-yellow on lower petals; tall, vigorous grower. Generally 8 flowers open at a time. 70c per doz.; \$5.00 per 100.
- Minuet.** Has been rated the finest lavender for some time. Clear pinkish lavender, large flowers well spaced. 80c per doz.; \$5.50 per 100.
- Mrs. Leon Douglas.** One of the largest Gladiolus in existence. Deep rose shaded to scarlet; lower petals lemon-yellow. 70c per doz.; \$5.00 per 100.
- Mrs. P. W. Sisson.** Pure clear cameo-pink without a trace of any other color. Large full open flowers. 70c per doz.; \$5.00 per 100.
- Pelegrina.** The finest deep blue. When 6 to 7 blooms are open, balance of buds show their deep velvety color, making a most attractive spike. 90c per doz.; \$6.00 per 100.
- Pfitzer's Triumph.** The largest and finest Gladiolus at a price within the reach of everyone. Bright salmon-orange. Six inches across. 80c per doz.; \$5.50 per 100.
- Picardy.** Delicate apricot-pink, extra large and slightly ruffled. One of the most delightful Gladiolus. 80c per doz.; \$5.50 per 100.
- Veilchenblau.** The largest violet-blue, almost the same color as the purple Iris. Flowers very large and with lower petals having a dark blotch. 90c per doz.; \$6.00 per 100.
- SUPREME MIXTURE OF GLADIOLUS.** A hand-made mixture that includes the best colors in suitable proportions. 50c per doz.; \$3.50 per 100; \$30.00 per 1000.

# Miscellaneous Summer Flowering Bulbs

**CALADIUM esculentum** (Elephant Ear). Impressive foliage plants, growing to enormous size. Plant in May. Extra large bulbs, 11x13 in., 20c each; \$2.00 per doz.

**CALLA, Golden Yellow** (*Richardia Elliottiana*). Excellent for pot plants or summer bedding. Plant outdoors after danger of frost is over. Lift bulbs in the fall, after frost has cut down the foliage. 50c each; \$5.00 per doz.

**CINNAMON VINE**. Hardy, rapid growing vine, with bright green foliage, and clusters of small, white, fragrant flowers. Large roots, 15c each; \$1.50 per doz.

**GLOXINIA**. Charming summer flowering bulbous plants for the window garden or conservatory. Mixed colors, 35c each; doz., \$3.50.

**ISMENE** (Peruvian Daffodil). Large, white, fragrant flowers, resembling amaryllis. Slender green foliage. 20c each; \$2.00 per doz.; \$14.00 per 100. Mammoth bulbs, 30c each; \$3.00 per doz.

**MADEIRA VINE**. An old-fashioned vine. Light green leaves and small white flowers with delicate fragrance. 10c each; \$1.00 per doz.; \$7.00 per 100.

**OXALIS**. Summer blooming. Charming little border plants. Mixed colors. Mammoth bulbs, 50c per doz.; \$3.00 per 100.

**TUBEROSE, Double Pearl**. Start indoors in March, or in the open in May. Flowers waxy white and very fragrant. Mammoth bulbs, 7c each; 70c per doz.; \$5.00 per 100.

## Tuberous Rooted Begonia

These splendid flowers are always a feature in English gardens and it is only because they are so little known that they are not used more in America. Plants are of vigorous, bushy growth, 12 to 15 inches high, and bear huge flowers (sometimes 3 and 4 inches across) of the same waxy texture as the small Begonias. Colors range through yellow and pink to red. They may be used either as pot plants or for half-shaded beds, and should be planted in rich soil that can be kept well watered. Start indoors in March and April, and transplant outdoors in May.

**Giant Double, Copper, Rose, White, Salmon, Scarlet or Yellow**. Large size bulbs, 1½ to 2 inches in diameter. 25c each; \$2.50 per doz.; \$20.00 per 100.

## Hybrid Amaryllis

One of the most satisfactory and beautiful house plants. Bulbs are available from November until the end of March. Plant about half their depth in good soil in comparatively small pots. Place in a sunny window and water sparingly until growth starts and then daily. Each bulb will bear one or two spikes of lily shaped blooms. Plant the bulb in the garden during the summer months to regain its strength. Large, 75c each; mammoth, \$1.00 each.



Canna

## Hardy Lilies

The three Hardy Lilies listed make roots not only at the base of the bulbs, but also along the stems, and for this reason they should be planted among other plants or mulched with about three inches of Florida Humus or grass cuttings during the summer to protect the roots from the direct rays of the sun. Cover the bulbs about three times their greatest diameter, placing a quantity of sand at the base of the bulb to insure good drainage.

**Auratum**. Flowers ivory-white, striped with a band of golden yellow and spotted crimson. 50c each; \$5.00 per doz.

**Regale**. Strong wiry stems bearing 6 to 10 large trumpet-shaped flowers. White with yellow throat and flushed pink on the reverse side of the petals. 50c each; \$5.00 per doz.

**Speciosum Rubrum**. The flowers are rosy white, shaded and spotted with crimson. Very hardy. 50c each; \$5.00 per doz.



Tuberous-Rooted Begonia

## Brilliant Cannas

Due to great improvements made in recent years, Cannas have become very popular for large beds and mixed borders. The foliage is quite ornamental and the blooms make a mass of color from July until frost.

Start the roots indoors in pots in early March and plant in their permanent position about the middle of May; or the roots may be planted in the place where they are to bloom in early May. Set plants 1½ to 2 feet apart in a sunny location. The heights, as stated, will vary according to richness of the soil and location.

Dig roots after the first killing frost, cut the foliage, and store in a cool, dry place over winter.

**Eureka**. (Green foliage.) The finest white Canna ever introduced. Flowers open cream but gradually turn pure white. 4 feet. 10c each; 90c per doz.; \$6.00 per 100.

**Golden Gate**. (Green foliage.) Pure golden yellow changing to crimson and apricot as the flower ages. 4 feet. 10c each; 90c per doz.; \$6.00 per 100.

**King Humbert**. (Bronze foliage.) Wonderfully effective. Large, orange-scarlet flowers and heavy, purplish bronze leaves. 5 feet. 10c each; 90c per doz.; \$6.00 per 100.

**Pennsylvania**. (Green foliage.) Extremely large, orchid-flowered Canna. Flame-scarlet overlaid with orange. 10c each; 90c per doz.; \$6.00 per 100.

**The President** (Green foliage.) The finest of all the reds. Enormous, rich scarlet flowers; strong plants; clean heavy foliage. 4 feet. 10c each; 90c per doz.; \$6.00 per 100.

**Venus**. (Green foliage.) Bright rose-pink, extra large flowers on stocky plants. 3½ ft. 10c each; 90c per doz.; \$6.00 per 100.



# Beckert Seed and Bulb Company

## Fertilizer

ALL FERTILIZER PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**Adco Artificial Manure.** The scarcity and cost of stable manure has made its extensive use impracticable, and the compost pile, although of undeniable value, is a long and tedious undertaking. The process of making artificial manure consists of merely making a heap of all garden trash, wetting it thoroughly and adding the bacterial powder Adco. In the course of three or four months this heap is converted by action of the growing bacteria into excellent manure. 25-lb. sack (enough for 12 wheelbarrows waste), \$2.25; 100 lbs., \$7.75; 150-lb. sack (enough for a pile 10x10x6 ft.), \$10.50.

**Aluminum Sulphate.** By its use an acid condition is created, which is favorable to the development of rhododendrons and other plants of a like nature.

1 lb. .... \$0.20    25 lbs. .... \$1.90  
5 lbs. .... .75    100 lbs. .... 5.00

**Ammonia Sulphate.** 20% Nitrogen. Unexcelled as a source of nitrogen for lawns, vegetables, trees and flowers.

1 lb. .... \$0.15    25 lbs. .... \$1.75  
5 lbs. .... .60    100 lbs. .... 4.00

**Blood, Dried.** High in nitrogen. Used for supplemental feeding. Not carried in stock. Price variable. 100 lbs., \$7.00.

### Bone Meal

PURE RAW NO. 1

Nitrogen ..... 3.70%  
Phosphoric Acid ..... 20.50%

Bone Phosphate of Lime ..... 45.00%

A warranted pure grade made from selected stock of bones. A fine grind, suitable for lawns, vegetables and shrubs.

Apply at the rate of 5 lbs. per 100 square feet, or 1000 to 1500 lbs. per acre.

Supplied in 100-lb. Bags

5 lbs. .... \$0.30    100 lbs. .... \$ 4.00  
10 lbs. .... .50    500 lbs. .... 17.00  
25 lbs. .... 1.25    1000 lbs. .... 32.00  
50 lbs. .... 2.25    2000 lbs. .... 60.00

### Bone Meal Flour

Nitrogen ..... 82%

Phosphoric Acid ..... 29.76%

Bone Phosphate of Lime ..... 70.00%

Finest grade of bone meal made. Ground as fine as flour, used in potting soil and in the greenhouse for carnations.

Supplied in 100-lb. Bags

100 lbs. .... \$ 5.50    1000 lbs. .... \$42.00  
500 lbs. .... 22.00    2000 lbs. .... 80.00

### Cattle Manure

Manure from the feeding pens, rich in plant foods. Thoroughly shredded and dried at a high temperature to kill weed seeds. Not so coarse as barnyard manure but much coarser than sheep manure, making an excellent top dressing for roses.

5 lbs. .... \$0.30    100 lbs. .... \$ 3.00  
10 lbs. .... .50    500 lbs. .... 12.50  
25 lbs. .... 1.00    1000 lbs. .... 22.50  
50 lbs. .... 1.75    2000 lbs. .... 42.00

**Charcoal.** For mixing with potting soil. Either granulated or lump grade. Lb., 15c; 5 lbs., 65c; 50 lbs., \$3.50; 100 lbs., \$6.00.

**Clay's Fertilizer.** An English fertilizer used largely for forcing greenhouse stock. 7 lbs., \$1.50; 14 lbs., \$2.50; 28 lbs., \$4.25; 56 lbs., \$7.50; 112 lbs., \$13.00.

**Floraniá (Urea).** 46% Nitrogen. Use ½ pound per 100 sq. ft. or dissolve 1 level teaspoonful in 7 gallons of water. Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.60; 25 lbs., \$3.00.

### Rootone

Plant Hormone Powder

Root-forming stimulant to be applied to cuttings, transplants, seeds and bulbs. No measuring or time checking, just apply the powder and plant. 2-oz. size, \$1.00; lb., \$5.00.

### Hyponex

Grows Plants in Soil, Sand or Water

Hyponex is a water soluble powder containing all the elements necessary for the growth of plants. It can be used successfully for growing plants in sand or water and is the ideal plant food for soil culture. 3-oz. can (makes 18 gals.), 40c; 1-lb. can (makes 100 gals.), \$1.00.

**Horn Shavings.** Rich in ammonia and valuable for use in mixing in potting soil, for growing 'mums, etc. Lb., 15c; 5 lbs., 75c; 25 lbs., \$2.50; 100 lbs., \$8.00.

**Leaf Mold.** Excellent for mixing with soil for potting. ½ pk., 30c; pk., 50c; sack, (1¼ bus.), \$3.00.

### Lime, Hydrated

High calcium limestone burned to remove the foreign elements that are of no value to the soil. Our lime contains 63 per cent of calcium oxide. Highly recommended to correct acidity on lawn, garden and farm soils.

Supplied in 50-lb. Bags

10 lbs. .... \$0.30    500 lbs. .... \$ 6.00  
50 lbs. .... .75    1000 lbs. .... 10.00  
100 lbs. .... 1.50    2000 lbs. .... 18.00

**Moss, Green Log.** 1 sq. yd., 50c; sack, \$2.50.

**Moss, Sphagnum, Dried.** Large bales, well burrlapped, \$2.75.

**Moss Sphagnum, Live.** For potting orchids, etc. Market price.

### Muriate of Potash

Potash 48 Per Cent

Next to nitrogen and phosphoric acid, potash in the form of muriate of potash is one of the most valuable of plant foods. Being readily soluble in water, it becomes quickly available as food to plant life. Use 200 to 300 lbs. per acre—½ lb. per 100 square feet or dissolve 1 level tablespoonful in 5 gals. of water.

1 lb. .... \$0.15    100 lbs. .... \$ 4.00  
10 lbs. .... 1.00    1000 lbs. .... 30.00

### Nitrate of Soda

Nitrogen 15%

Quick acting stimulant containing 15 per cent nitrogen which hastens development of the crop.

Supplied in 100-lb. Bags

1 lb. .... \$0.15    500 lbs. .... \$15.00  
10 lbs. .... 1.00    1000 lbs. .... 26.00  
100 lbs. .... 3.50    2000 lbs. .... 50.00

### Florida Humus

The growth of your lawn depends on moisture and available plant food. If your soil does not contain moisture retentive humus, the growth is bound to suffer during dry spells, regardless of the amount of water applied. If soil bacteria is lacking, the grass will also suffer, for it is the soil bacteria that reduce plant foods to a form that can be assimilated by the roots.

**Florida Humus** is pure decayed vegetable matter, containing approximately 3% organic nitrogen (the best source of nitrogen for plants.) **Florida Humus** absorbs 5.81 times its own weight in water. **Florida Humus**, when mixed with bone meal and composted for one week showed three times as many soil bacteria as the best dairy manure, proving that it is an ideal medium for the growth of soil bacteria, so necessary to the growth of all vegetation.

Prices, delivered in Pittsburgh, 100 lbs., \$3.25; 200 lbs., \$5.50; ton, \$50.00. Write for car lot prices.

**Nitrophoska 15-30-15.** The most powerful fertilizer on the market. Apply before planting at the rate of 1 lb. per 100 square feet and water thoroughly after applying. Lb., 25c; 5 lbs., 90c; 10 lbs., \$1.60; 25 lbs., \$3.00.

**Peat, Fibrous.** Used for potting orchids, etc. 2-bu. sack, \$4.00.

**Plantabbs.** Contains vitamin B-1. A plant food in highly concentrated tablet form. Convenient for house use. 30 tablets, 25c; 75 tablets, 50c; 200 tablets, \$1.00; 1000 tablets, \$3.50.

**Salt, Agricultural.** Used principally on asparagus beds to keep down weeds and promote heavy growth. 100 lbs., \$3.00.

### Sheep Manure

**Flower Gardens.** Luxuriant growth of healthy green foliage and a wealth of vivid colored flowers quickly follow the use of sheep manure. Mix with the soil under new plantings and top dress established plants with 10 lbs. to 100 sq. ft. of soil.

**Vegetables and Fruit.** Every gardener knows that there is nothing better than manure to build up the soil. Sheep manure is practical and will produce big crops of crisp, tender vegetables for the early market. Also improves yield, color and flavor of fruit crops. Use 1000 to 1500 lbs. per acre.

PRICES

5 lbs. .... \$0.30    100 lbs. .... \$ 3.00  
10 lbs. .... .50    500 lbs. .... 12.50  
25 lbs. .... 1.00    1000 lbs. .... 22.50  
50 lbs. .... 1.75    2000 lbs. .... 42.00

### Super Phosphate

Available phosphoric acid ..... 20%

Supplied in 125-lb. Bags

125 lbs. .... \$ 3.50    1000 lbs. .... \$18.00  
500 lbs. .... 10.00    2000 lbs. .... 34.00

**Soot, Scotch Imported.** Will produce a good color in greenhouse plants. Is also effective against grubs and worms that work near the surface. 5 lbs., 85c; 10 lbs., \$1.50; 100-lb. sack, \$8.00.

### 5-10-5

A special formula for the Pittsburgh district. Contains 5% nitrogen; 10% phosphoric acid; 5% potash. Use 5 lbs. for 100 square feet for lawns; 10 lbs. per 100 square feet for flowers and vegetable gardens and shrubbery, and as a summer top dressing 2 to 4 lbs. per 100 square feet.

Supplied in 125-lb. Bags

125 lbs. .... \$ 4.00    1000 lbs. .... \$24.00  
500 lbs. .... 13.00    2000 lbs. .... 45.00

### 4-12-4

Contains 4% nitrogen, 12% phosphoric acid, 4% potash, and is conceded to be one of the best and most well balanced fertilizers for flower and vegetable gardens, lawns and general use.

Supplied in 125-lb. bags.

125 lbs. .... \$ 4.00    1000 lbs. .... \$24.00  
500 lbs. .... 13.00    2000 lbs. .... 45.00

### Vigoro

A Square Meal for All Plants

4% nitrogen; 12% phosphoric acid; 4% potash and 8 other elements so necessary to plant life.

1 lb. .... \$0.10    25 lbs. .... \$1.50  
5 lbs. .... .45    50 lbs. .... 2.50  
10 lbs. .... .85    100 lbs. .... 4.00

### SOIL TESTING KIT

The Sudbury Soil Testing Kit enables you to cheaply and easily test your own soil, so that you may know exactly what fertilizers to use. Home Garden Kit, complete with charts, \$2.00; Estate Kit, \$9.75.

ALL FERTILIZER PRICES SUBJECT TO CHANGE WITHOUT NOTICE

# Beckert Seed and Bulb Company

## Insecticides and Fungicides

All items marked by a star (\*) are not mailable and can be sent only by express or freight. Items not marked with a star (\*) can be sent by mail, but postage must be included with order. All prices subject to change.

**Ant Destroyer.** Effective powder for destroying ants, roaches, etc. ¼ lb., 30c.

**Antkiller, Terro.** Rid your home and premises of the embarrassing and health-injuring ant nuisance. Kill the ants in the nest. Small bottle, 25c; large bottle, 50c.

**Arnold Spray Gun.** Attach to hose, insert proper cartridge and spray. Complete with 6 cartridges, \$5.00.

\***Arsenate of Lead, Powder.** For dusting. Lb., 40c; 4 lbs., \$1.00; 24 lbs. (6 4-lb. bags), \$5.00; 96 lbs. (24 4-lb. bags), \$19.00.



\***Black-Leaf 40.** Nicotine sulphate; contact spray for sucking insects. Oz., 35c; 5-oz. bottle, \$1.00; lb., \$2.25; 2 lbs., \$3.25; 10 lbs., \$10.60.

\***Bordeaux Powder.** For blights, mildews, rusts, etc. Lb., 35c; 4 lbs., 90c; 24 lbs., (6 4-lb. bags), \$4.50; 96 lbs. (24 4-lb. bags), \$17.00.

\***Calcium Arsenate.** Higher poison content than Arsenate of Lead. Kills chewing and leaf-eating insects quickly. Mixes easily with water and can be combined with Lime-Sulphur or Bordeaux. Lb., 30c; 4-lb. bag, 75c; 24 lbs. (6 4-lb. bags), \$4.00.

**Caterpillar Torch, Asbestos.** For burning tent caterpillar nests. 75c.

**Caterpillar Torch, Copper.** With wick, burns kerosene; safer to use than the above. \$1.25.

\***Copper Sulphate (Blue Vitriol).** Used for making Bordeaux Mixture. Lb., 25c; 5 lbs., 75c; 25 lbs., \$3.50; 100 lbs., \$12.00.

**Crow Repellent.** Absolutely keeps crows from pulling corn. ½ pt., 60c; pt., \$1.00.

\***Cyanogas G Fumigant.** The most effective fumigant for greenhouse pests such as white fly, thrips, aphids, etc. Fumigation is started at dark by scattering the Cyanogas on the walks after which the house is closed for the night. 5 lbs., \$3.00; 25 lbs., \$10.00.



**Dogzoff.** Break dogs of bad habits around the home, trees, evergreens, etc. Spray with Dogzoff. Bottle, 60c.

\***Dutox (Barium Fluosilicate).** Non-arsenical poison for killing the Mexican bean beetle and other chewing insects. 6-lb. bag, \$1.35.

## NEW EVER GREEN SPRAY

**EVER GREEN** is a highly effective, yet entirely safe insecticide that is giving excellent control of practically all insects. It will not injure the tenderest plants or flowers. Absolutely non-poison-

ous to humans, animals, birds, pets. Economical and very easy to mix and apply. Guaranteed not to corrode metal, rubber or clothing.

1-oz. bottle, 35c (by mail 45c); 6 ozs., \$1.00 (by mail, \$1.10); pint, \$2.00; gallon tins, \$12.20.

**Formicide.** Formaldehyde dust for treating soil to eliminate "damping off." 1 lb., 75c; 5 lbs., \$2.00.

**Fumogen Dog Chaser.** Harmless powder to dust around plants to keep dogs away. Can, 50c.

**Fungtrogen.** An effective preventative and remedy for mildew, black spot and many fungous diseases of roses and other plants. ½ pt., 75c; pt., \$1.25; qt., \$2.00; gal., \$6.00.

**Grape and Rose Dust.** Dust for mildew on grapes and roses. 5 lbs., \$1.50.

**Lemon Oil.** For mealy bug and soft scale insects. Pt., 65c; qt., \$1.00; gal., \$3.00.

\***Lime-Sulphur, Liquid.** The standard dormant spray for fruit and shade trees for scale and certain fungous diseases. Packed in steel containers to prevent leaking. Qt., 50c; gal., \$1.00; 5 gals., \$3.25; 50-gal. bbl., 30c per gal.

\***Lime-Sulphur, Powder.** Used for the same purpose and has the same effectiveness as the liquid form and is much easier to handle. Lb., 40c; 5 lbs., \$1.75; 100 lbs., \$18.00.

**Lime-Sulphur Hydrometer.** Each, \$1.00.

**Mole Tablets.** Poisonous tablets for killing moles. 25c.

**Molgen.** Powdered mole-killer. Non-poisonous to humans or pets. Can, 50c.

**Mouse Seed.** Poisoned canary seed for killing mice. 25c.

**Naphthalene Flakes.** Destroys soil vermin and thrip on gladiolus. Lb., 25c; 5 lbs., \$1.00.

\***Nicofume Liquid.** As spray or vapor for greenhouse use or as contact spray outdoors for aphids, etc. Lb., \$2.25; 4 lbs., \$5.75; 8 lbs., \$10.00.

**Nicofume Powder.** Concentrated Tobacco-powder impregnated with high strength nicotine. Effective greenhouse fumigator. ½ lb., 45c; 12 ½ lbs., \$4.50. 1 lb., 75c; 12 1-lbs., \$7.50.

\***Para-Benzene.** When placed around the base of peach trees, forms a gas that kills the borers. Use about one ounce per tree. Lb., 65c; 5 lbs., \$2.50.

\***Paris Green.** ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., \$2.50.

**Pomo-Green.** Leaf-green insecticide and fungicide for the control of insects and blights or mildews on roses, snapdragons, etc. 1 lb., 50c; 5 lbs., \$1.75.

**Pyrethrum Powder, B Brand.** Pure Pyrethrum Powder, kills both sucking and chewing insects. Non-poisonous. May be diluted if desired. 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00.

**Pyrox.** Kills chewing insects and prevents plant disease. Pyrox is easy to use—simply add water and spray. It has been used by commercial growers for over thirty years. 10 lbs., \$3.00; 25 lbs., \$5.00.

\***Qua-Sul.** Keep your garden and greenhouse clean and healthy with Qua-Sul, a soluble sulphur carbon compound that has remedied more growers' ills

than any preparation on the market. Used effectively for blight, mildew and as a soil cleaner. Invaluable for rust on delphiniums, hollyhocks and snapdragons. Qt., \$1.50; gal., \$4.50.

**Rat Killer—K. E. O.** Kills rats only. A powder made from the giant squill bulb that is poisonous only to rodents. Pkg., 75c.

**Rat Baits—Topzol.** Non-poisonous. Pkg., 20c.

\***Rat Poison—Cyanogas A grade.** This grade is used only as a rat and rodent destroyer. By pumping the powder into the rat hole a gas is released which is sure death to rats. It should not be used about the house, only around barns or outhouses. 1-lb. can, 75c.

**Red Arrow.** Non-poisonous Pyrethrum soap spray. Simply mix with water and spray. Effective against practically all insects. Oz., 35c; ¼ pt., \$1.00; pt., \$2.85, qt., \$5.40; gal. \$16.00.

**Rotone.** Non-poisonous dust for killing the Mexican Bean Beetle and other insects. 1 lb., 35c; 5 lbs., \$1.00.

\***Scalecide.** Dormant spray for scales, blights and fungous diseases. Qt., 65c; gal., \$1.55; 5 gals., \$5.75; 30-gal. iron drum, \$25.00; 50-gal. bbl., \$30.00.

**SEMESAN—For use on general seeds.** 2 ozs., 35c; 1 lb., \$2.25; 5 lbs., \$9.90.

**Slug Shot.** Old reliable remedy for cabbage and currant worms. Lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.00.

**Soap, Fish Oil.** For scale and aphids, and as a spreader for other sprays. Lb., 30c; 5 lbs., \$1.25.

**Soap, C. F. O.** Used as a spreader for Nicotine and Pyrethrum sprays. Qt., \$1.00; gal., \$3.00.

**Soap, Getz-There.** For spraying tender plants. 8-lb. can, \$1.50.

**Spray Oil Sunoco.** Economical and effective dormant and all-season oil-spray. Excellent for control of scale, red spider, leaf roller, etc. Gal., \$1.25; 5 gals., \$5.25; 30-gal. bbl., \$15.00; 55-gal. bbl., \$25.00.

**Sulphur, Flowers of.** For mildew and making lime-sulphur solution. Lb., 15c; 5 lbs., 50c; 25 lbs., \$1.50; 100 lbs., \$5.00.

**Sulphocide.** As a summer spray Sulphocide is highly recommended. Highly concentrated, non-poisonous, liquid sulphur. Qt., \$1.00; gal., \$2.50.

**Tobacco Dust, Fine or Coarse.** Lb., 15c; 5 lbs., 50c; 25 lbs., \$1.50; 100 lbs., \$5.00.

**Tobacco Stems.** Used for mulching. 100 lbs., \$1.50; ton, \$18.00.

**Tree-Wound Paint.** Prevents infection of exposed surfaces. Pt., 50c; qt., \$1.00; gal., \$2.50.

**Triogen.** The complete spray treatment for roses. Controls leaf eating and sucking insects as well as mildew, black spot and other diseases. Spray every 10 days for complete freedom from insects and fungous diseases. 12-rose kit, \$1.50; 50-rose kit, \$4.00; 100-rose kit, \$6.00; estate kit, \$20.00.

**Tree Tanglefoot.** A sticky compound for banding trees. Prevents the ascent of all climbing insects. One application lasts three months. 6 ozs., 35c; lb., 70c; 5 lbs., \$3.30; 10 lbs., \$6.25; 25 lbs., \$13.00.

# 502 Liberty Avenue, Pittsburgh, Penna.

## Insecticides and Fungicides—Continued

**\*Vermol.** Worm eradicator, non-poisonous and harmless to lawns. Apply one pound to 20 square feet. 5 lbs., \$1.00; 25 lbs., \$2.50; 100 lbs., \$7.50.

**Volck.** One of the safest as well as one of the most powerful insecticides for red spider, white fly, mealy bug, thrips, etc. The foliage after spraying shows a glistening deeper green, ½ pt., 35c; qt., 75c; gal., \$2.00; 5 gals., \$6.25.

**Weed Killer for Lawns (Adco).** 3 lbs., \$1.00.

**Weed Killer (Liquid).** Concentrated solution for mixing with water to kill weeds. Qt., 65c; gal., \$1.75; 5 gals., \$6.50; 55-gal. bbl., \$57.75.

**Weed Killer Cane.** For applying weed killer directly to plantain and dandelions. \$3.00.

### WHY BUGS LEAVE HOME



**\*Wilson's O. K. Plant Spray.** Effective indoor and outdoor spray for aphids, red spider, etc. Qt., \$1.00; gal., \$3.00; 5 gals., \$12.00; 30-gal. bbl., \$57.00; 50-gal. bbl., \$96.00.

### Doggett and Pfeil Insecticides

Doggett and Pfeil are manufacturers of high grade insecticides for special purposes; some of which we carry in stock and all of which we can obtain for you on short notice.

We have their catalog on file and will be pleased to go over any special requirements you may have at any time.

## Dusters and Sprayers

### Hand Dusters

**Bellows, Woodason's Insect.** For applying insecticides in powder form. Powerful enough to blow the powder in the crevices where the insects breed. Small, single cone, \$3.50; large single cone, \$4.75. Sulphur style, \$4.00. No. 313, \$2.00.

**Hand Dust Gun.** Efficient hand duster for applying all insecticides in powder form. Gives a very fine dust which reaches all parts of the plant. Extension rod is included for working in corners and crevices. Qt. size, \$1.25.

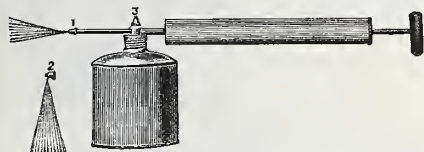
**Savage Duster.** The discharge arm of the Savage Duster can be swung in a position to the rear of the operator, if so desired. This feature eliminates the powder from being blown in the face of the operator. Price \$20.00.

### Hand Sprayers

**Misty.** A general purpose efficient sprayer made of heavy tin. Throws a fine, mist-like, uniform spray. ¾-pt. size, 35c; 1-qt. size, 50c.

**Glass Jar Sprayer.** A continuous sprayer with glass container which will not corrode or rust. \$1.25.

**Spraymaster.** Half gallon capacity hand spray, Brass pump chamber; galvanized tank, 2 nozzles. \$1.50.



**Robertson Compressed Air,** Works easier, gives a more powerful spray and lasts longer than any other hand sprayer on the market. All parts can be taken apart and cleaned. Capacity, one quart. Galvanized, \$1.25; brass, \$2.00. 16-inch brass extension, 60c.

### Bucket Spray Pumps

**Standard.** Pump with hose and three nozzles, \$5.00. Galvanized knapsack, 5 gal. capacity, \$4.00; extension rod, curved, \$1.00.

**Little Giant.** Well-constructed bucket spray pump with cylinder and air-chamber side by side, by which the work is all done on the down stroke. Patent agitator keeps the liquid thoroughly mixed, \$4.50.



### Knapsack Sprayers

**Vermorel No. 1.** True knapsack style with two shoulder straps. Solid copper tank; double action pump; all working parts are outside and easily accessible. Recommended by all who have used it as the finest sprayer on the market. Equipped with any-angle nozzles, extension pipe, strainers and stop cock, \$21.00.

**Compressed Air Knapsack Sprayer, 4 gal.** Sturdy compressed air sprayer; capacity, 4 gals.; weight, 10 lbs. Metal tank is lock-seamed, well riveted and soldered throughout. Uses: For spraying shrubs, vines, field crops, white-washing, removing wall paper and general purposes. New solid seamless brass pump and brass ball check valve. Fitted with 2-ft. extension pipe and auto-top nozzle. Galvanized tank, \$6.50; brass tank, \$10.50.

**Home Garden Size.** This sturdy little machine is recommended where light weight is a factor. Built similar to the above except the capacity is 2½ gals., and extension rod is 18 inches. Weight 7 lbs. Galvanized tank, \$5.25; brass tank, \$9.50.

**Paragon No. 3.** This represents our most popular outfit. The heavy galvanized tank of 12 gallons capacity is mounted on a strong two-wheeled steel truck and easily moved from place to place. Equipment: 10-ft. special spray hose, 10-ft. extension pipe and nozzles. Price complete, \$23.50.

**Paragon No. 4.** Capacity 28 gallons; 20 feet of spray hose; 10 feet spray pipe in 4 sections; 3 nozzles. Barrel mounted on two 30-inch wide-tread steel wheels. Price complete, \$39.50.

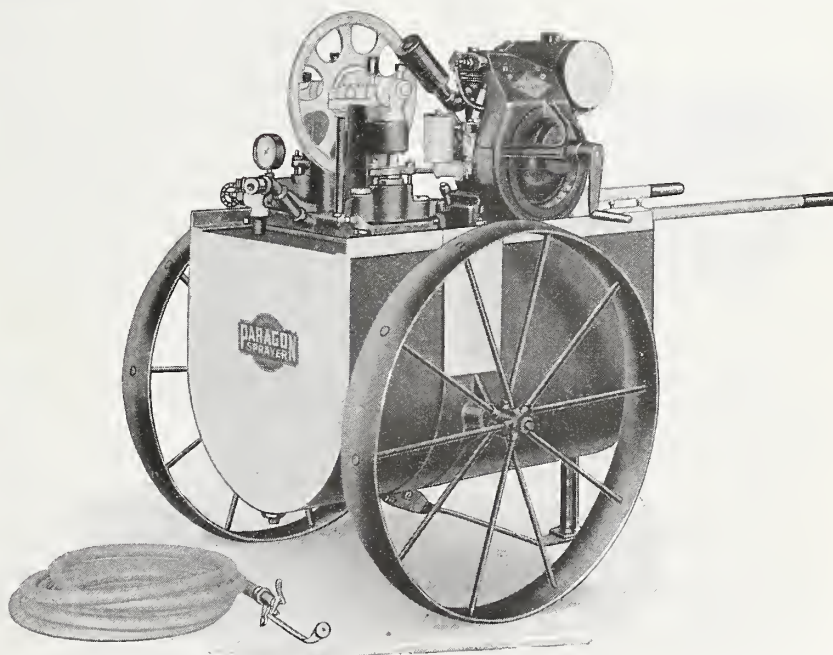
### Paragon Power Sprayer

Heavily galvanized iron tank, 50-gallon capacity. Steel wheels, 30 inches in diameter with 4-inch tread. Operated by 1 h.p. gasoline engine, which gives working pressure of 300 to 350 lbs.

Equipment includes pressure gauge, mechanical agitator, 25 feet spray hose, 7½ feet spray pipe, 3 nozzles and quick-acting stop cock.

Pneumatic rubber tires can be supplied at extra cost.

Price, \$225.00 f.o.b. factory. Subject to change.



# Plant Stakes and Plant Labels

<b>Wood, Light, Round.</b> Tapering, painted green.	Doz.	100	
1 1/2 ft. ....		\$0.30	\$ 2.00
2 ft. ....		.50	3.50
3 ft. ....		.85	6.00
4 ft. ....		1.25	9.00
5 ft. ....		1.75	12.50

<b>Wood, Heavy, Round.</b> Tapering, painted green.	Doz.	100	
3 ft. ....		\$1.50	\$10.00
4 ft. ....		2.00	13.00
5 ft. ....		2.50	17.00
6 ft. ....		3.25	20.00
6 ft. square, unpainted ..		1.25	8.00

<b>Bamboo, Green.</b> Same thickness tip to but.	Doz.	100	1000
1 1/2 ft. ....		\$0.15	\$0.50
2 ft. ....		.15	.60
2 1/2 ft. ....		.20	.75
3 ft. ....		.20	.90
4 ft. ....		.25	1.25
5 ft. ....		.30	1.50
6 ft. ....		.40	1.80

<b>Bamboo, Natural.</b> Tapers to a point at the tip.	100	1000
6 ft. ....	\$1.60	\$12.00
8 ft. ....	2.50	20.00
10 ft. ....	3.50	30.00

<b>Bean Poles.</b> Bamboo, extra heavy. Diam. 1/2 to 3/4 in.	Doz.	100
4 ft. ....		\$0.60
6 ft. ....		1.00
8 ft. ....		1.25

<b>Carnation Supports.</b> Heavy galvanized wire.	Doz.	100
Three-ring style .....		\$1.50

<b>Galvanized Wire.</b> Heavy No. 9 gauge wire.	Doz.	100	1000
2 ft. ....		\$0.25	\$1.25
3 ft. ....		.35	1.75
4 ft. ....		.40	2.00
5 ft. ....		.50	2.50

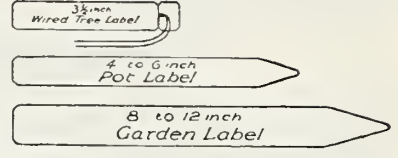
<b>Hyalinth.</b> Wood; painted green.	100	1000
12 in. ....	\$0.50	\$2.50
18 in. ....	.60	3.00

<b>Ties, Wire.</b> For fastening plants to stakes, per 1000 .....	\$2.25
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<b>Rafia.</b> Pliable grass used for tying plants. Natural, lb., 40c; 5 lbs., \$1.85. Green color, lb. ....	1.25
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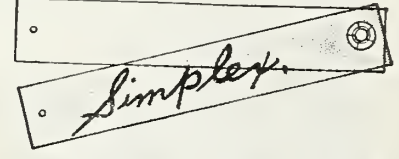
**Vyntach Hooks.** A new hook for holding vines to either masonry or wood walls. Easy to use and practically indestructible. For masonry with drill box of 25 ..... \$2.00  
For Wood, box of 25 ..... \$1.00



**Labels, Wooden.** For pots and garden use. Pointed and painted on one side.

4 in. pot .....	100	1000
5 in. pot .....	\$0.40	\$ 2.50
6 in. pot .....	.50	3.00
8 in. pot .....	.55	3.25
10 in. pot .....	.80	5.00
10 in. Garden, 3/8 in. wide	1.00	6.00
10 in. Garden, 1/2 in. wide	1.00	7.00
12 in. Garden, 1 1/4 in. wide	1.25	8.50
3 1/2 in. copper wired ....	1.60	12.00

**Labels, Celluloid.** Pot. 3 1/2 in. 1.50  
Pot. 5 in. . 3.00



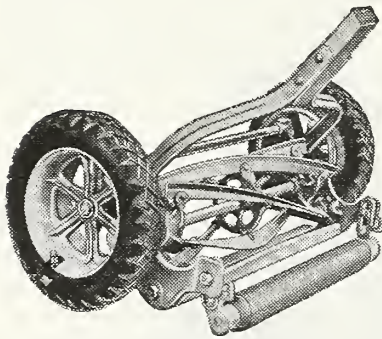
**Labels, Weatherproof Plant.** Writing is done on celluloid, which has a transparent mica cover.

	Doz.	100
3x 1/2 in. ....	\$0.50	\$3.00
4x 3/4 in. ....	.75	5.00
5x1 in. ....	1.00	7.00

**SIMPLEX GREEN PLANT LABELS**  
Leaf green, weather-proof labels easily marked with steel stylus or sharp nail, which cuts through to white base. Inconspicuous but easily read and permanent.

<b>No. 31.</b> 3x 1/2 in. copper wired	Doz.	100
	\$0.40	\$2.50
<b>No. 32.</b> 4x 3/4 in. copper wired	.60	4.00
<b>No. 51.</b> 4x 3/4 in. pointed garden	.50	3.00
<b>No. 52.</b> 5x 3/4 in. pointed garden	.65	4.50

# Wheelbarrows - Lawn Mowers - Rollers



## COLDWELL LAWN MOWERS

We carry a full line of Coldwell Lawn Mowers in various styles and sizes. All are made of the best materials and can be supplied with steel or rubber tread wheels. Prices on application.  
**Lawn Mower Grass Catcher.** Will fit any make of mower. For 12 to 16 inch mower ..... \$1.25  
16 to 20 in. .... 1.50

## LAWN SPRINKLERS

<b>Dayton Non-Clog No. 3.</b> Revolving or stationary, waters up to 50 ft. in diameter .....	\$4.00
<b>Dayton Non-Clog No. 4.</b> Revolving, waters up to 40 ft. in diameter ..	3.00
<b>Dayton Non-Clog No. 12.</b> Revolving or stationary, waters up to 60 ft. in diameter .....	5.00

<b>Dayton Rainstorm C.</b> Revolving, 2 arms, waters up to 30 ft. in diameter .....	\$2.50
<b>Ring, Full</b> .....	1.15
<b>Ring, Half</b> .....	.90
<b>R. L. P.</b> Works on lower pressure than any other whirling sprinkler ..	1.00
<b>R. I. P. Series Model</b> .....	1.25
<b>Soil Soaker.</b> Porous canvas hose distributes water evenly on the ground; no loss from evaporation. 18 ft. long .....	1.50

## LAWN ROLLER—WATER BALLAST

A high grade, easy running roller for lawns, golf courses and tennis courts. Can be filled with water or sand to the desired weight. Equipped with scraper to keep the surface clean. Round edges.

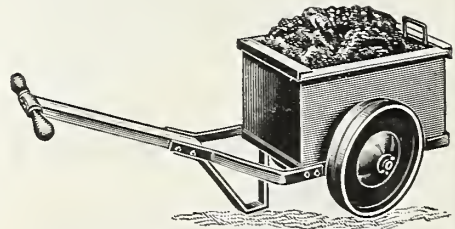
	Weight	Diam.	Length	Price
<b>No. 1.</b>	68 to 175 lbs.	14 in.	24 in.	\$11.50
<b>No. 2.</b>	82 to 265 lbs.	18 in.	24 in.	14.00
<b>No. 3.</b>	110 to 420 lbs.	24 in.	24 in.	18.50

**Wheelbarrows, Garden.** All wood, strongly made. Special wooden wheels 2 3/4 in. wide. Sides removable.

<b>No. 3.</b> Body 26 in. long, 19 in. wide, 12 in. deep .....	\$8.50
<b>No. 2.</b> Body 28 in. long, 20 in. wide, 12 in. deep .....	8.75
<b>No. 1.</b> Body 30 in. long, 24 in. wide, 12 in. deep .....	9.50
<b>Rubber Tired Wheel for No. 2</b> ....	9.50

**Wheelbarrow, Greenhouse.** Body 31 in. long, 18 in. wide in front, 15 in. wide in back, 20-in. steel wheel ..
 9.25 |

**BASKET WHEELBARROW.** The handiest wheelbarrow for all light garden work. Light steel body with removable basket .....
 5.00 |



**HAND DUMP CART.** This modern, all-steel dump cart makes the wheelbarrow old-fashioned. Made entirely of steel, all the weight is supported on two wheels, each 2 1/2 inches wide. Built low to the ground, it saves energy in filling and dumping. Capacity more than two cubic feet, as much or more than the average wheelbarrow. Steel wheels ..... \$10.00  
Cushion rubber tires .....
 14.00 |

## FERTILIZER SPREADERS AND SEEDERS

For applying lawn seed, fertilizer and top dressings; save their cost in one season. Positive shut-off stops waste.

<b>Baby Lawn Spreader.</b> 15-lb. capacity .....	\$ 4.00
<b>Small,</b> 16 in. wide, 25-lb. capacity ..	6.50
<b>Medium.</b> 18 in. wide, 50-lb. capacity ..	11.00
<b>Large.</b> 24 in. wide, 75-lb. capacity ..	14.50
<b>Estate.</b> 36 in. wide, 100-lb. capacity ..	22.75

# Miscellaneous Garden Tools

Aprons, Gardener's. Extra heavy rubber .....\$ 2.50  
 English Serge, with bib and pocket ..... 5.00  
 Blue Denim ..... 1.00



Asparagus Knives. V-shaped blade, which cuts the edible stalk under the soil. Short handle, 40c; 4-ft. handle ..... .75

**BASKETS, Ash.** Used for gathering flowers, berries, etc. Made to hold 6 or 8 standard quart berry boxes 6 qt. size, \$1.00; 8 qt. size ..... 1.25

Berry, Wood. Pint size, \$1.10 per 100; \$10.00 per 1000; quarts, \$1.10 per 100; per 1000 ..... 10.00

Green Wax Cardboard, \$1.25 per 100; per 1000 ..... 11.00

Oak 2 Bushel. These baskets are strongly made with heavy handles. Will take the place of a wheelbarrow on a small place for carrying leaves, rubbish, soil, etc. Price, \$2.50; 3 bu. . . . 3.50

Oak Market. 16 qt. with handle . . . 1.25

Bird Houses. We have a large selection of bird houses and feeders at all times.

Boxes, Cut Flower. Cardboard delivery boxes and corrugated shipping boxes for cut flowers in all the standard sizes. Price on request.

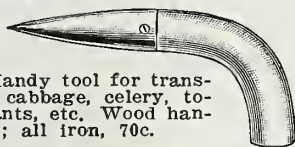
Burlap. Natural or green for protecting hedges from snow during the winter. 72 in. wide. Price on request.

Caterpillar Torch, Asbestos. For burning tent caterpillar nests . . . 75

Caterpillar Torch, Copper. Burns kerosene, safer to use than the above ..... 1.25

Celery Bleachers. By the use of these specially made tubes of heavy cardboard celery can be easily bleached without banking with soil or boards. Easy to apply. 6 1/2 in. diam., 12 in. high, per 100 ..... 6.00

Cultivators and Seeders. Ask for separate catalog on Planet Jr. Hand Tools.



Dibbles. Handy tool for transplanting cabbage, celery, tomato plants, etc. Wood handles, 80c; all iron, 70c.



Dock and Thistle Cutter. Well-made tool with forked spud and foot rest. 4 1/2-ft. D-handle . . . 2.00

Egg Boxes, Metal, Mailing. Strongly made of aluminum metal, approved by postal authorities. 1-doz. size, each ..... 1.00

Florist Clips, Bull Dog. For fastening paper around bouquets, etc. Per 1000 ..... .75

Flower Arranger, Pin cushion. Closely set wires with heavy base holds flowers firmly in any desired position. No. 1, \$1.00; No. 2, \$1.50; No. 3, \$2.00; No. 4 ..... 3.00

**FORKS:**  
 Old-Fashioned Wood Fork. Made the old-fashioned way, all joints mortised and pegged. Decorative as well as useful. Three wood tines, 20 inches long, spread 10 inches. Length over all, 6 feet ..... 1.50



Spading, Long Handle. Preferred by some gardeners; saves stooping ..... 2.00

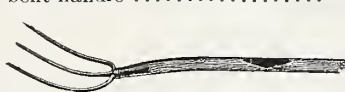
Spading. Best grade steel. Four heavy angular tines which never break. Wood D handle ..\$ 2.00

Spading, English. Tines are square and sharp pointed. Highest grade ..... 2.90

Spading, Small Size. Four light angular tines with 3 1/2-ft. handle ..... 1.00



Manure. Six tines, iron D handle, \$2.00; four tines, 4 1/2-ft. bent handle ..... 1.85



Hay. Three tines, 5-ft. straight handle ..... 1.50



Fruit Picker. Made of steel wire heavily galvanized. Easily attached to any pole ..... .60



Garden Line. Finest grade of white glazed line. Hank of 48 ft., 50c; per doz. hanks ..... 5.00

Garden Line Reels. All metal style. Large size ..... 2.25

Garden Set of Tools. Three-piece set of hoe, rake and spade all carefully made of good material. 2.75

Glass Cleaner Skybrite Crystals. The quickest and easiest glass cleaner we know. Dissolve 1/2 lb. to 1 gallon of water, apply with brush, rinse with clear water and the job is done. 5 lbs. .... 4.00

Glazing Points, Peerless. Sizes No. 2 and 2 1/2. 1000 for 75c; 5000 ..... 3.50

Zinc. Peg style. Sizes 3/8, 1/2, 5/8 in., lb. .... .60

Glass Cloth. A cloth substitute for glass. Transparent, waterproof and protective. Used for chicken coops, hotbeds, etc. Width 3 feet. 1 yd., 40c; 10 yds., \$3.50; 25 yds., \$8.25; 100 yds. .... 32.00

Glass Substitute—Doplex. Glass substitute for hotbed sash; cut with scissors and put on with tacks. Width 3 ft. 5 lineal ft., \$1.50; 10 lineal ft., \$2.75; 50 lineal ft. .... 12.00

Glass Wool, Corning. For winter mulching. Experiments at Cornell have shown that this material gave greatest protection against winter killing. Corning Glass Wool comes rolled in sheets, 2 in. thick, 30 inches wide and 20 feet long. Packed two rolls in a carton, 100 square feet ..... 3.00

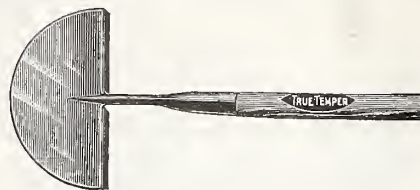
Gloves, Pruning. Strongly made leather gauntlets ..... 1.50

Rubberized. Men's or ladies' size ..... .50

*National*  
**Eezy Wear**  
*Garden Gloves*

Made of goat skin and tanned with lanin oil. Pr. . . . 75

Grafting Wax. For grafts, cuts and bruises. 1/4 lb., 25c; 1/2 lb., 40c; lb. . . . 60



Grass Edging Knives. American Flat Top, 4-ft. handle, \$1.25; 2 1/2-ft. D handle .....\$ 1.25

Planet Jr. Edger No. 2. Indispensable for edging cement walks .. 1.75

Greenhouse Shading Paint. Gal. can ..... 4.00

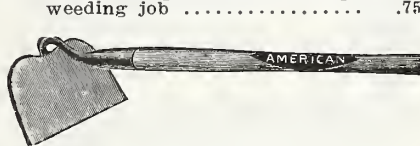
Grinder, Household. A powerful, compact machine. Carborundum wheel 4 in. diameter, 1 in. thick . . 3.50

Handles. Made from best ash. Rake 5 1/2 and 6-ft. lengths ..... .50  
 T-shape, 3-ft. .... .35  
 Iron D Fork Handle ..... .75  
 Wood D Fork Handle, English .. .75  
 Mattock Handle ..... .75  
 Hoe Handle ..... .35  
 Grape Hook Handle ..... .50  
 Grading Hoe Handle ..... .90

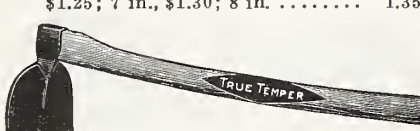
**HOES:**



Handy Hoe. The handiest garden tool that has ever been offered. Blade 3/4 in. wide by 4 in. long; 4-ft. handle. Small enough to cultivate between the most closely bedded plants, and large enough for a thorough weeding job ..... .75

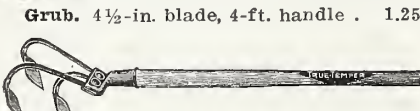


Garden. Solid steel socket. 6 in., \$1.25; 7 in., \$1.30; 8 in. .... 1.35



Grape, Italian. 7x9 in. blades; 3 1/2-ft. handle ..... 2.30

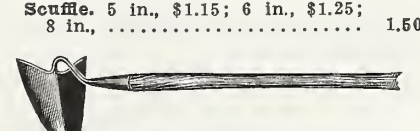
Grub. 4 1/2-in. blade, 4-ft. handle . . 1.25



Invincible. Three detachable steel prongs. 9-in. handle, 60c; 4-ft. handle ..... 1.10  
 Five prong, 4-ft. handle ..... 1.35  
 Extra teeth. 15c each; 2 for .. .25

Onion. Triangular blade, 4-ft. handle ..... .90

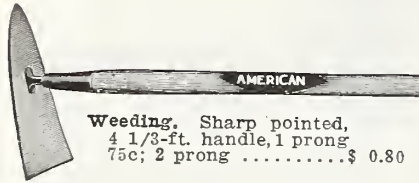
Scuffle. 5 in., \$1.15; 6 in., \$1.25; 8 in., ..... 1.50



Warren. 7-in. blade, solid socket ..... 1.50

# Beckert Seed and Bulb Company

MISCELLANEOUS GARDEN TOOLS—Continued.



**Weeding.** Sharp pointed, 4 1/3-ft. handle, 1 prong 75c; 2 prong .....\$ 0.80



**Hoe and Weeder.** Hoe one side, 4-toothed weeder on back ..... .75



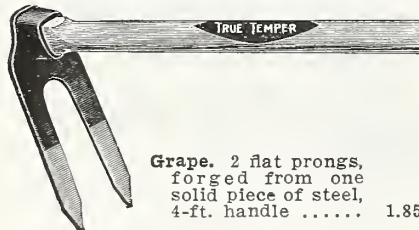
**HOE MATTOCKS,** Dig Easy. 1 1/2 and 3-in. steel blades ..... 1.35

**Solid Steel.** Blades and shank forged from one solid piece .. 1.55

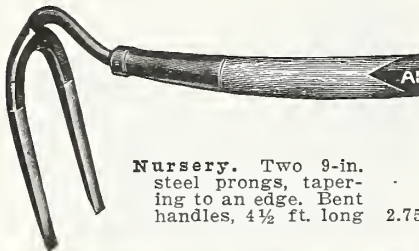
**Cutter Mattock.** 4-in. cutter blade, 3-ft. handle. (Handle only 75c) ..... 1.75

**Little Digger Mattock.** A light, practical tool for the home garden ..... 1.40

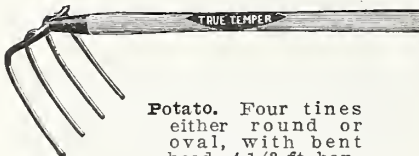
**HOOKS, Corn.** Tempered steel blade ..... .65



**Grape.** 2 flat prongs, forged from one solid piece of steel, 4-ft. handle ..... 1.85



**Nursery.** Two 9-in. steel prongs, tapering to an edge. Bent handles, 4 1/2 ft. long 2.75



**Potato.** Four tines either round or oval, with bent head. 4 1/3-ft. handle ..... 1.50



**Hook Weeder.** Similar to a Potato Hook but tines are shorter and bent at a greater angle .. 1.15

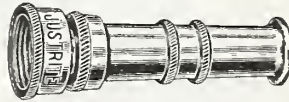
**Hose, Garden, Electric.** Our moulded hose is made strong and durable and will last for years. Cheaper in the long run than lower priced grades. 50 ft., 3/4 in., with couplings, \$12.50; 50 ft., 1/2 in., with couplings .....\$11.50

**Spray Hose.** Made to stand the high pressure of power sprayers. 1/2 in., 35c per ft.; 3/4 in., 30c per ft.

**Hose Couplings.** Perfect clinching. Easy to attach and will not tear the lawn. 1/2 to 3/4 inch size, per set ..... .25

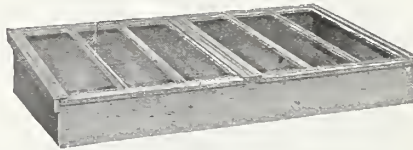
**Hose Menders.** Perfect clinching. quickest mender to attach on the market. 1/2 and 3/4 in. size, each, 15 cts; doz. .... 1.25

**Hose Nozzles.** Greenhouse, 3-inch face ..... 1.00  
Greenhouse, 4-inch face ..... 1.25



**Justrite** ..... .60  
**Flaring Rose** ..... .75  
**Pet. Straight stream or spray** .. .75

**Hotbed Mats.** Frostproof mats of burlap for protecting hotbeds and coldframes. 76x76 in. .... 4.50



**Hotbed Sash.** Standard 3x6 ft., 3 rows glass. Iron crossbars and lugs. Best quality cypress, all joints mortised.

	Each	Doz.
Unpainted and unglazed ..	\$3.75	\$42.00
Painted and unglazed ...	4.00	45.00
Painted and glazed .....	6.00	70.00

**Hotbed Glass.** All sizes available on short notice, either double or single strength. Prices on request.

**Hydrometer.** For testing lime-sulphur. Each ..... 1.00

**KNIVES, Butcher.** Finest cutlery steel, useful for cutting vegetables and weeding in the lawn. 6-in. blade, 35c; 8-in. blade ..... .50

**Budding, Single Blade.** Finest steel, handle curved to fit the hand ..... 1.25

**Budding, Two Blades.** One round and one pointed blade, brass bound composition handle ... 1.25

**Pruning, One Blade.** Extra heavy hooked blade, also useful for separating dahlia tubers .... 1.25

**Mastica.** Highest grade of glazing putty on the market. 1/2 gal., \$1.50; gal., \$2.75; 5 gals. .... 13.50

**Mastica Machine.** For applying Mastica ..... 3.00

**Putty Bulbs, Rubber.** For Mastica, etc. .... 1.50

**PAPER, White Wax.** Per ream .. 2.50  
**Green Wax,** per ream ..... 3.50

**POST HOLE DIGGEE.** Easily operated. Best cast steel blade ... 3.00

**Rafia.** Pliable grass used for tying plants. Natural, lb., 40c; 5 lbs., \$1.85. Green color, lb. .... 1.25

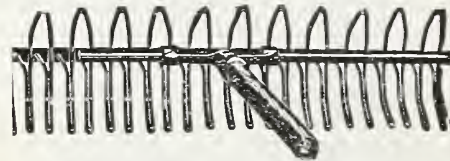
## RAKES, Metal—



**Garden, Straight Back.** Highest quality, 12 teeth, \$1.15; 14 teeth, \$1.20; 16 teeth, \$1.30; small size, 6 teeth ..\$ 0.75

**Garden, Bow.** 14 teeth, \$1.50; 16 teeth ..... 1.60

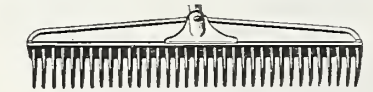
**Lawn Comb.** 18 in. wide. Flexible, flat steel tines will not clog ..... 1.35  
24 in. .... 1.75  
Extra teeth, each ..... .05



**Wire.** Combines strength with light weight, 24 teeth, \$1.35; 36 teeth 1.85

**Bamboo Broom, Re-Inforced.** Light efficient lawn broom of bamboo, cleans easily and thoroughly. 18 in., 75c; 24 in., \$1.25; 30 in., .... 1.75

## SABIN "GUMFINGER" LAWN RAKES



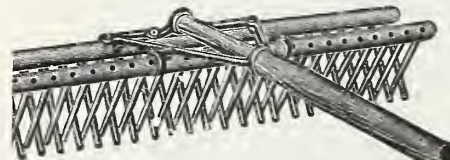
### An Ideal Gardening Tool

Will not tear or uproot the grass because the teeth are live, flexible rubber. 16 in., \$1.25; 20 in., \$1.50; 24 in. .... 1.75



**Crab Grass or Dandelion.** Specially designed head for use on dandelions and crab grass in lawns. 16 in. .... 1.25  
23 in. .... 1.50

## RAKES—



**Automatic.** Self cleaning, 26 wooden teeth, \$2.25; 33 teeth .. 2.75

**Hay.** 12 wooden teeth ..... 1.00

**Lawn.** A light and desirable wooden rake for the lawn, 26 teeth ..... 1.00

**Close-up Lawn.** 26 wood teeth; 24 inches wide; 3 wire braces . 1.25  
36 inches wide ..... 1.50

**Rubber Bands.** Size 10 or 12. Lb., 75c; 5 lbs. .... 3.50

## SAWS, Pruning—

**Duplex Pruner,** 20-in. double-edged blade ..... 1.75

**Pole Style** ..... 2.25

Blade only ..... 1.50

Socket only ..... .75

8-ft. Pole ..... .75

# 502 Liberty Avenue, Pittsburgh, Penna.

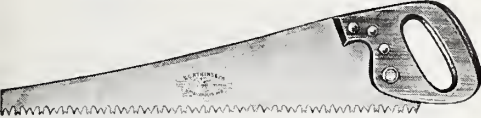
## MISCELLANEOUS GARDEN TOOLS—Continued.



Single Edge. Best quality steel.  
16 in., \$1.50; 20 in. ....\$ 1.60

Heavy Pruning. 26 in. with large  
teeth for fast work on large  
limbs ..... 4.25

No. 42. Tuttle Tooth. 22 in. open  
handle ..... 2.25



No. 40. Tuttle Tooth. 24-in. closed  
handle. Davey pattern ..... 2.75



Triangular. Can be used at any  
angle. No. 11, \$2.25; No. 10 .. 2.25

Extra Blades for triangular saws.  
No. 11 and 10 ..... .30

### SCYTHE BLADES. Finest grade of steel.

Bush. Heavy blade, 18 to 22 in. . 2.00

Grass, American. 28 to 32 in. .... 2.00



Grass, English. Riveted back, 32  
in. .... 3.00



German Style. Blue steel blade,  
32 in. .... 2.25

Austrian, Rainbow, 32 in. .... 2.50

Weed. Best quality, 24 to 28 in. 2.00

Sharpening Outfit. Hammer and  
anvil for European blades .... 1.50

### SCYTHE HANDLES. Made of best white ash.

Curved Style, \$1.75; straight .... 1.60

### SCYTHE or SHARPENING STONES—

Carborundum, 10 in. .... .30



Carborundum File ..... 1.25

Darby Creek ..... .30



English. Both ends pointed ..... .50

SHEARS, Border. Solid steel, 9-in.  
blades mounted on 2 wheels,  
3-ft. handle. American hori-  
zontal style, \$5.50; English  
vertical style ..... 8.50

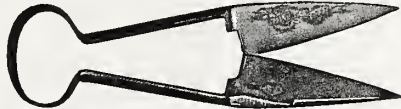


Flower Scissors. Holds the flower  
after cutting, nickel plated ...\$ 2.00

Acme Flower Shear. Green han-  
dles ..... .75

Grape Thinning Shears. Nickel  
plated ..... 1.50

### SHEARS, Grass. Made of best tool steel.



No. 358. 5½ in. .... .75

No. 3075. English. 6 in. .... 2.50

No. 3075 English. 7 in. .... 3.00



Wiss-Klip Automatic. Operates  
with a vertical movement,  
which does not tire the hand .. 1.50



Wiss Grass Scissors. Finest  
quality ..... 1.25

Burns Grass Shear. Serrated  
edge ..... 1.25

### SHEARS, Hedge. Notched blades, hollow ground steel.

Disston. 6 in., \$1.75; 8 in., \$2.25  
9 in., \$2.50; 10 in., \$2.75; 12 in. 3.00

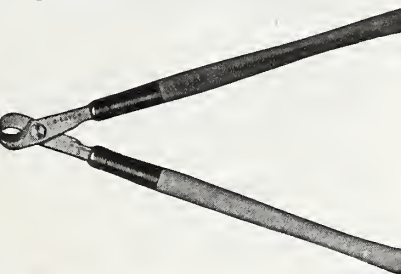


English. 8 in., \$4.00; 9 in., \$4.25;  
10 in. .... 5.00

Electric Hedge, Little Wonder.  
27-in. cut ..... 55.00

Electric Hedge Imperial. 12-in.  
cut. Can also be used for grass  
on terraces ..... 50.00

### SHEARS, Lopping. Blades are best forged steel, handles do not pull out.



Bulldog. Curved blades, double  
cut ..... 3.50



English. Sheffield steel, 2½-in.  
cut ..... 5.50

Disston No. 5. All steel 24-in.  
handles, wood grips. Double  
cut ..... 3.25

Disston No. 9. All steel, 24-in.  
handles, wood grips. 4-in. cut-  
ting blade ..... 4.00

Tiffany. 25-in. handle ..... 3.00

SHEARS, Hand Pruning. All styles  
listed are made from the high-  
est grade tool steel.

Dooklip. Operates with vertical  
movement and does not tire  
the hand .....\$ 1.00



Professional No. 157. 8½ in.  
Drop forged, high carbon steel.  
Double riveted, detachable  
blade of alloy steel. Flat dou-  
ble leaf spring ..... 3.50

Professional No. 156. Same with  
volute spring ..... 3.50



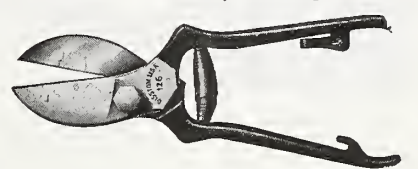
Reiser No. 107. Carbon tool steel  
blade. Dull polish, leaf spring 1.75



Home Garden No. 116. 9 in.  
Blade of high carbon steel.  
Handles black lacquer finish.  
Blued volute spring ..... 1.00

Wiss No. 109. 9 in., volute spring 3.75

Wiss No. 110. 10 in., volute spring 4.25



Draw Cut, No. 126. 8½ in. drop  
forged, heat treated blades.  
Snap cut does not bruise the  
bark. Volute spring ..... 2.00



French. Wheel spring. 8 in.,  
\$2.50; 9 in., \$3.00; 10 in. .... 3.25

Ladies' Shear No. 544. Full nickel  
plated. Useful for light prun-  
ing and gathering flowers. 6  
in. .... 2.00

Ladies' Shear No. 546. Green lac-  
quered handles. 6 in. .... .75

SHELVES, Extendo. Metal plant  
shelves to fasten on window sills.  
Ornamental, prevents plants  
from falling and protects sills  
from water stains. Fit any win-  
dow ..... 2.00



SHOVELS. Finest grade; either  
square or round point. D handle,  
\$2.00; Long handle, round point . 2.00

Home Garden. Designed for home  
use. Its light weight and cor-  
rect shape relieve the fatigue  
of digging ..... 1.50

Snow Shovel. Small ..... .75

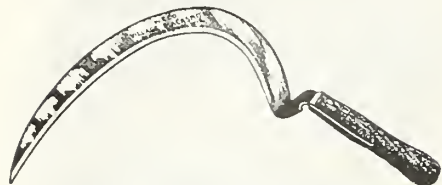
SICKLES, English. Sheffield steel. 1.25  
German. Blue steel blade ..... .85

# Beckert Seed and Bulb Company

## MISCELLANEOUS GARDEN TOOLS—Continued.



**SICKLE, Pilgrim.** Hollow ground razor steel ..... \$ 1.00



**Saw Steel.** Offset handle ..... .60

**SICKLE, Long Handle.** Saves the back. 3-ft. handle ..... 1.00

**SICKLE, Grass Whip** ..... 1.25

**Sieves.** Sizes 1/8, 1/6, 1/4, or 1/2 in. mesh ..... 1.75  
3/4 in. mesh ..... 2.50

**Sod Lifter.** English style with heart-shaped blade, 4-ft. handle . 8.50

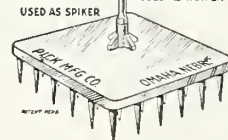
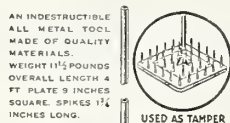
**SPADES, Flat Back.** Full polished best grade ..... 2.00  
**Long Handle.** Saves stooping .. 2.00



**Curved Back.** Round or square pointed ..... 2.00



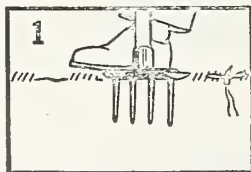
**Boy's Size.** Useful for all light work ..... 1.00



**Spike Tamp.** Reversible spiked tamper for cultivating lawns .. 4.50

### SOD SPIKER

For loosening the soil in lawns without disturbing the sod. \$2.00.



### THERMOMETERS.

Highest grade, for all purposes.

**Greenhouse (Spirit).** 8 in. black case ..... \$ 1.25

**Heavy Greenhouse (Spirit).** 10 in. black case ..... 1.75

**Copper Case (Mercury).** 10 in. case, large figures ..... 2.50

**Hotbed (Mercury).** 16 in. case, brass point ..... 3.50

**Self Registering (Mercury).** 10 in. brass case. Registers highest and lowest temperatures .. 7.50

**TRAP, Mole.** Little Giant. Self-setting, efficient, safe and sure 1.25

**TREE PRUNER, One Piece.** One-piece poles made from straight-grained, strong wood. Will cut a limb of 1 1/2 in. diameter, 10 ft. .... 6.00

**Waters Style.** 10 ft. .... 3.75



**Jointed.** 4-ft. sections, compound lever. 8 ft., \$6.60; 12 ft. .... 8.25

**TREE SCRAPER.** Three sharp, beveled edges ..... .75

**Atkins.** Extra heavy ..... 1.50

**TROWELS, Solid Steel.** 6-in. blade .35



**Forged Steel.** 6-in. blade ..... .85

**True Temper.** 6 in. .... .65



**Drop Socket.** Finest solid steel made ..... 1.00

**Stainless Steel.** English ..... 2.00



**Transplanting.** 6-in. blade, 30c; 8 in. .... .40

**Transplanting, True Temper** .... .60

**Hoe Shaped.** 7-in. blade ..... .85

**Hole-in-one-Planter** ..... .50

**TWINE, Binder.** Finest grade. 6-lb. ball, \$1.00; bale (10 balls) .... 8.00

**Bestyet.** Parcel post twine. Spool 1.25

**Blue Braid.** Tube of 1000 yards . 3.00

**Cotton, White.** 4 ply for bunching machine. 1/2-lb. ball ..... .30

**Cotton, White.** 6 ply. (2-lb. cone). 1.50

**Cotton, Green.** 2 balls, 25c; doz. balls ..... 1.50

**Jute.** Soft, 2 or 3 ply for tying plants, 1/2-lb. ball ..... .30

**Silkalene.** Highest quality of strong green thread for tying plants. Spool, 40c; 8 spools .. 2.75

**Tan Linen.** 1-lb. ball ..... .70



### WATERING CANS.

**Heavy, Wotherspoon's.** Extra heavy material. One fine and one coarse spray. 4 qt., \$5.25; 6 qt., \$5.50; 8 qt., \$5.75; 10 qt., \$6.00; 12 qt. .... \$ 6.50

**Extra Roses** ..... .60

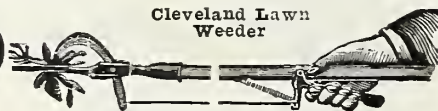
**English Pattern, Heavy Oval.** 2 copper-faced roses, one round and one oval. 6 qt. .... 8.00

**Extra Roses** ..... .75

**Watering Cans, Light.** 4 qt., 75c; 6 qt., 85c; 8 qt., \$1.00; 10 qt., \$1.25; 12 qt. .... 1.50

**Watering Cans, Lawson.** Heavily galvanized oval-shaped watering cans with medium long spouts. 9 qt., \$1.25; 12 qt., \$1.50; 16 qt. .... 1.75

**Sun Parlor Pattern.** Lacquered, with special bent spout; very decorative as well as useful. 2 qt. .... 1.25



**Cleveland Lawn Weeder**

Easily removes weeds from the lawn, root and all without stooping. 4-ft. handle ..... 1.25



**Eureka.** Grip handle, 60c; 2-ft. handle, 75c; 4-ft. handle ..... .90



**Gem Fork.** Three forged steel prongs. Grip handle ..... .60

**English Weeding Fork, Heavy.** Will last a lifetime; 18-in. handle ..... 2.00

**English Fork, Light.** 15-in. handle ..... 1.00

**Hazeltine.** Heavy ..... .75

**Stainless Steel Fork.** Three heavy prongs, grip handle ..... 2.00



**Magic.** 5-in. handle, 20c; 18-in. handle, 30c.



**Magic, 2 in 1.** Hoe and weeder, grip handle, 50c each.

**Onion, Triangular.** Short handle .... .60



# 502 Liberty Avenue, Pittsburgh, Penna.

## Flower Boxes, Pots and Plant Tub



### PERFECTO FLOWER BOX

The Perfecto Flower box embodies correct, scientific principles for raising luxuriant plants and flowers indoors or outside. Patented system with water entrance at both ends feeds water properly at roots of plants and circulates air beneath soil; keeps it from souring.

20 in. long, 6 in. deep, 7 in. wide	....	\$1.25
26 in. long, 6 in. deep, 7 in. wide	....	1.50
32 in. long, 6 in. deep, 7 in. wide	....	2.00
38 in. long, 6 in. deep, 7 in. wide	....	2.50
44 in. long, 6 in. deep, 7 in. wide	....	3.00

**Hanging Baskets.** Heavy wire, painted green.

	Each	Doz.
10 inch	.....\$0.40	\$4.00
12 inch	......50	5.00
14 inch	......60	6.00
16 inch	......75	7.50
18 inch	.....1.25	12.50

**Seed Flats.** Strongly made boxes for starting seeds indoors.

	Each	Doz.
21 in. long, 14 in. wide, 3 in. deep	.....\$0.40	\$4.50
13 in. long, 5 1/2 in. wide, 2 1/4 in. deep	......20	2.25

**Seed Pans, Clay.** Shallow clay pans for starting seedlings. Well provided with drainage holes.

	Each	Doz.
9 inch	.....\$0.60	\$ 6.00
12 inch	.....1.00	10.00

**Saucers, Rubber.** Will not rot, break or permit water to seep through to mar painted surfaces.

	Each	Doz.
4 1/2 in.	.....\$0.20	\$2.00
6 in.	......25	2.50
9 1/2 in.	......50	5.00

### PLANT TUBS—CEDAR

Strong, well made and painted green. Reinforced with heavy round, galvanized hoops. If handles are wanted add 25c to price.

Size	Diam.	Depth	Each
No. 2	.....7 in.	7 in.	\$0.70
No. 3	.....8 in.	8 in.	.75
No. 4	.....9 in.	9 in.	.80
No. 5	.....10 in.	9 in.	.95
No. 6	.....11 in.	10 in.	1.15
No. 7	.....12 in.	11 in.	1.40
No. 8	.....13 in.	12 in.	1.80
No. 9	.....14 in.	13 in.	2.00
No. 10	.....15 in.	14 in.	2.25
No. 11	.....16 in.	15 in.	2.50
No. 12	.....17 in.	16 in.	3.00
No. 13	.....18 in.	17 in.	3.60

**Growell Peat Pots.** Have an early garden this year by using Growell Peat Pots.

These pots are made from pure peat moss and are used the same as ordinary clay pots. Their advantage lies in the fact that they are very retentive of moisture and do not dry out as quickly as clay pots; also, instead of becoming pot bound, the roots can grow through the peat pot and plants can be planted pots and all.



	Doz.	100
2 1/2 inch	.....\$0.35	\$2.50
6 inch	.....1.00	7.00

### FLOWER POTS—CLAY

Furnished in deep (Standard), half deep (Azalea).

	Pots Each	Pots Doz.	Pots 100	Sau-cers Each	Sau-cers Doz.
2 1/2 in.	...\$0.03	\$0.30	\$ 2.00	\$	\$
3 in.	... .04	.40	2.75		
4 in.	... .06	.60	4.20	.05	.45
5 in.	... .10	1.00	7.00	.06	.65
6 in.	... .15	1.50	11.00	.09	.90
7 in.	... .25	2.50	18.00	.12	1.25
8 in.	... .30	3.00	22.00	.18	1.80
9 in.	... .50	5.00	38.00	.20	2.25
10 in.	... .70	7.00	52.00	.30	3.00

**Pot Hangers, Short.** Adjustable holders to suspend clay pots. State size of pots. Each, 5c; doz., 50c.

### IMPROVED NEPONSET Flower Pots



	Doz.	100	1000
2 1/2 in.	.....\$0.15	\$0.75	\$ 6.00
3 in.	......20	.80	6.50
4 in.	......25	1.25	9.50
5 in.	......35	1.75	15.00
6 in.	......40	2.00	18.00

**Neponset Earth Bands.** Square bands to be used in place of pots. Open at the bottom.

	100	1000
2x2x2 1/2 in.	.....\$0.50	\$4.00
3x3x3 in.	......60	5.00

# FLORIDA HUMUS

DECAYED VEGETATIVE MOLD—THE BASIS OF SOIL FERTILITY

Dredged from under-water deposits—air-dried and conveniently packaged.

### The PACKAGE

A light-weight, wire-bound, leak-proof container in two sizes. **Large:** 17" x 22" x 36", 200 pounds capacity, 12 cubic feet compressed to 7. **Small:** 100 pounds capacity. FLORIDA HUMUS, being dry when compressed, does not cake in the package but reverts readily to a loose fluffy condition.

### Table of COVERAGE

200-pound container covers:		
1/4 inch deep	1/2 inch deep	1 inch deep
600 sq. ft.	300 sq. ft.	150 sq. ft.
To cover 1000 square feet:		
1/4 inch deep	1/2 inch deep	1 inch deep
Requires less than 2 large containers	Requires less than 4 large containers	Requires 7 large containers
To cover one acre:		
1/4 inch deep	1/2 inch deep	1 inch deep
Requires 70 large containers (7 tons)	Requires 140 large containers (14 tons)	Requires 280 large containers (28 tons)

### LABORATORY Analysis

(By Wiley & Co., Baltimore, No. 133,554)

Note very slight acidity—pH 6.0 (7.0 is neutral; above 7, alkaline; below 7, acid.) Most plants require a soil with an acidity about 6.0. Also note the high percentage of pure organic matter, of nitrogen, and the greater water holding capacity.

Moisture	.....	36.02
On Dry Basis		
Ash	.....	8.33
Organic Matter	.....	91.67
Acidity pH	.....6.0	
Total Nitrogen (N)	.....	3.52
Phosphorus (P2O5)	.....	.28
Potash (K2O)	.....	.61
Calcium (CaO)	.....	1.95
Maximum water holding capacity	.....	530.64

### COMPARATIVE Analysis

These tables show how Florida Humus compares, by actual test, with common types of peat products. The figures are on a so-called "wet basis"—based, that is, on the actual condition as to moisture, in which the product is usually used.

	Florida Humus	Muck or Top Soils	Imported Peat Moss
Moisture absorbed (times own weight) ..	5.81	.50 to .90	2.47
Hours required to absorb .....	5	10 to 20	180
Percentage foreign matter (ash-sand) ...	2	20 to 40	2
Nitrogen, per cent ..	2%	1/4% to 3/4%	1 1/4%
<b>Price:</b> Small container (100 lbs.), \$3.25; large container (200 lbs.), \$5.50; ton (10-200 lb. boxes), \$50.00. Delivered in Pittsburgh, Pa.			







# MARIGOLDS *Tagetes* AH

## Double African

Bushy plants, branching freely and bearing their flowers on long, strong stems. Height 2 to 3 feet.

**2148 Chrysanthemum Flowered.** Extremely large flowers mindful of the large curled chrysanthemum. Strong, bushy plants with blooms of varying shades of yellow and orange. Pkt., 25c.

**2155 Sunset Giants.** The largest and finest marigold, all shades of yellow and orange are included. Plants strong and bushy and without the characteristic Marigold odor. Pkt., 25c.

**2160 Dixie Sunshine.** Award of Merit 1936, All-America Selections. Ball-shaped flowers made up of tiny five-petaled florets; color is brilliant golden yellow; plants are tall and bushy. Pkt., 25c.

**2168 Sunrise.** An early flowering strain of Dixie Sunshine. Flowers are large, ball-shaped and brilliant golden yellow in color. Plants tall, bushy and very free blooming. Pkt., 25c.

**2175 Crown of Gold. The Gold Medal Winner in 1937.** The first Marigold with odorless foliage and sweet scented flowers. Plants grow about 2 feet tall, are quite bushy and bear deep orange flowers about 2½ inches in diameter. Central petals are more or less quilled and are surrounded by an outer row of guard petals. Pkt., 15c.

**2152 Lemon Queen.** Clear lemon-yellow. Height 2½ ft. Pkt., 10c; ¼ oz., 50c.

**2153 Orange Prince.** Bright orange. Pkt., 10c; ¼ oz., 50c.

**2158 Lemon Queen, Prize Strain.** Pkt., 25c.

**2157 Orange Prince, Prize Strain.** Pkt., 25c.

**2154 Tall Double, Mixed.** Pkt., 10c; ¼ oz., 30c.

**2156 Dwarf Double Mixed.** Pkt., 10c; ¼ oz., 30c.

## Carnation-Flowered Marigolds

**2147.** Despite the fine new varieties of Marigolds that have been offered since the introduction of Guinea Gold, we do not think that any can take its place and we are now very pleased to be able to offer a dwarf form of that fine variety. Similar in all respects to Guinea Gold except in height, which varies from 10 to 12 inches. As many as 20 flowers are in bloom at one time. Pkt., 25c.

**2150 Guinea Gold.** Still a favorite for all garden purposes. Orange flushed with gold, plants 2½ to 3 feet high. Pkt., 15c.

**2151 Yellow Supreme.** The lemon-yellow counterpart of Guinea Gold with somewhat larger flowers. Pkt., 15c.

**Dwarf Royal Scot, All-Double**



**Dwarf Double Harmony**

**2161 Gold Striped.** Reddish brown, striped bright yellow; very showy. Pkt., 10c; ¼ oz., 40c.

**2162 Pigmy Golden Ball.** Pure yellow. Pkt., 10c; ¼ oz., 40c.

**2163 Mahogany.** Reddish brown. Pkt., 10c; ¼ oz., 40c.

**2164 Dwarf Double, Mixed.** Pkt., 10c; ¼ oz., 30c.

## Single French Dwarf

**2172 Legion of Honor.** Yellow, spotted brown, very bright. Pkt., 10c; ¼ oz., 30c.



**2182 Gigantea Orange Sunset**

To those who have grown the Sunset Giants Marigold this variety will need no introduction, as it is the finest, biggest and deepest orange from that superb mixture. Flowers measure up to 5 inches across, mostly double, quite sweet scented and deep orange in color. Commences to bloom in August and continues until heavy frost. Pkt., 25c.

## Double French Dwarf

Height, 10 to 12 in.

**2167 Dwarf Double Royal Scot All-Double.** Plants are almost uniform in size and shape, 10 to 12 inches high and of distinct bushy growth. Flowers are all full double, rich mahogany striped with gold. Pkt., 15c.

**2166 Dwarf Double Harmony.** The outer guard petals are deep velvety maroon. The central petals are tubular and bright orange-yellow. Pkt., 15c.

## Tagetes Signata Pumila Little Giant

**3015.** We know of no other dwarf plant that apparently bears so many blooms as this new strain of *Tagetes*. Plants grow 6 to 8 inches tall, spread 10 to 12 inches in diameter, and when in full bloom, the green fern-like foliage is hardly visible. Wonderful as a border plant or for dwarf beds combined with Blue Ball Ageratum. Pkt., 15c; ⅛ oz., 50c.





## BECKERT SEED and BULB COMPANY'S LAWN MIXTURES

*Best for Pittsburgh's Soil*

Years of experience have taught us that just any lawn mixture will not thrive on Pittsburgh soils; for best results the rigors of Pittsburgh climate and soil conditions must be taken into consideration and provided for.

Working with some of the largest users of lawn seed in this district has enabled us to work out the formula for a lawn mixture that is sure to give satisfaction when properly planted on properly prepared ground.

### B. S. & B. CO. LAWN MIXTURE

B. S. & B. Co. Lawn Mixture is, we believe, the lawn mixture most likely to give satisfaction in the Pittsburgh district. It is composed of only the finest re-cleaned domestic and imported grasses in the proper proportions to produce a deep, springy, long lasting turf. Lawns grown from B. S. & B. Co. Lawn Mixture and properly cared for will compare favorably with the finest bent grass and at

the same time will not require that extra care and attention, without which bent grasses do not thrive.

This mixture does not contain White Dutch Clover, which may be added if desired. Price, lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50; 10 lbs., \$4.75; 25 lbs., \$11.00; 100 lbs., \$42.00; postage or express extra.

Other Lawn Mixtures and Separate Varieties of Grasses are Listed on pages 2 and 3