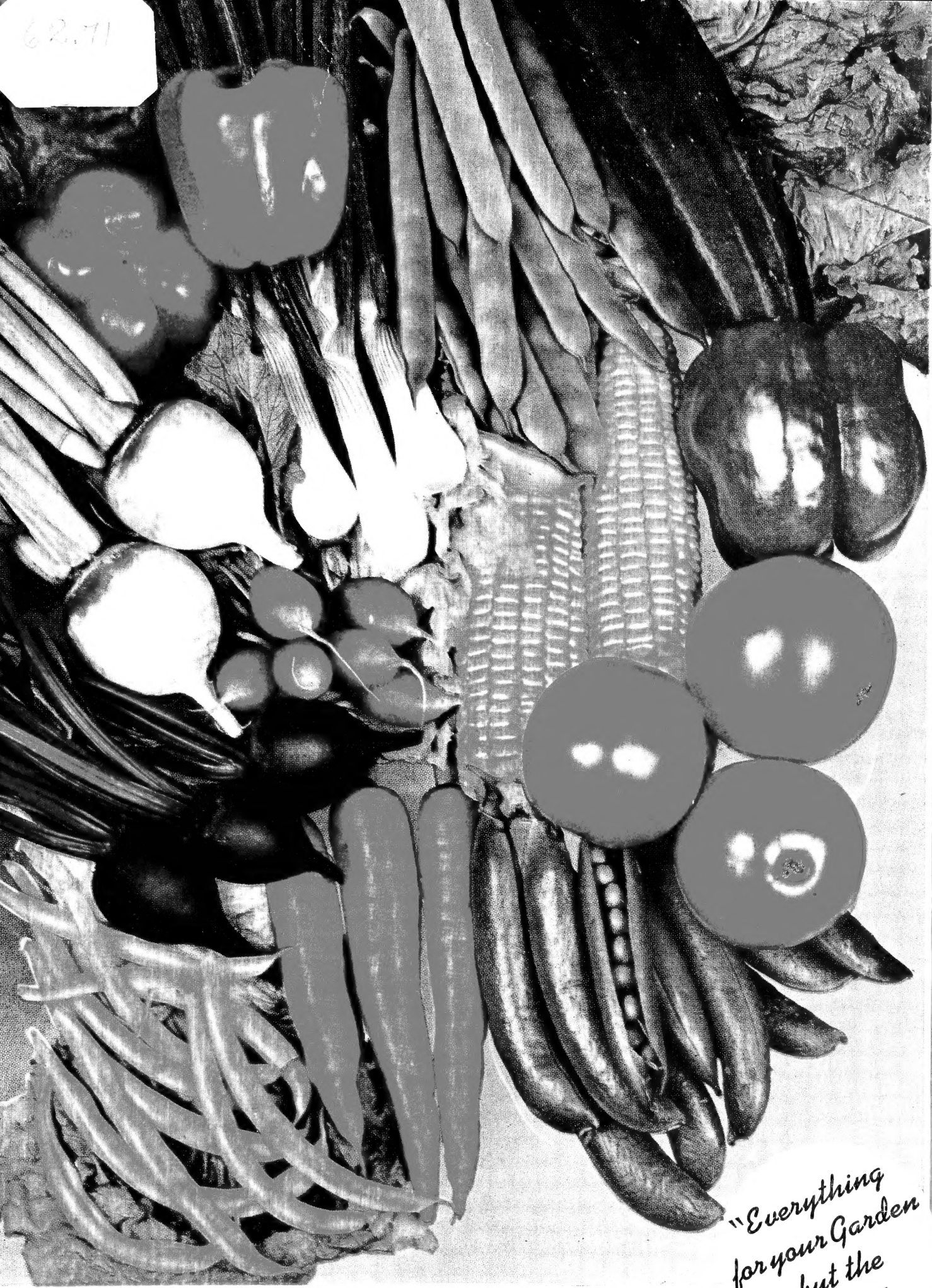


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FLOWER, FIELD AND GARDEN SEEDS · POULTRY SUPPLIES

*"Everything
for your Garden
but the
Rain"*

ANNUAL CATALOG 1944

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INTERESTING NEW FLOWERS

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Be sure to include these beauties in your 1944 garden. Fully described in flower section.

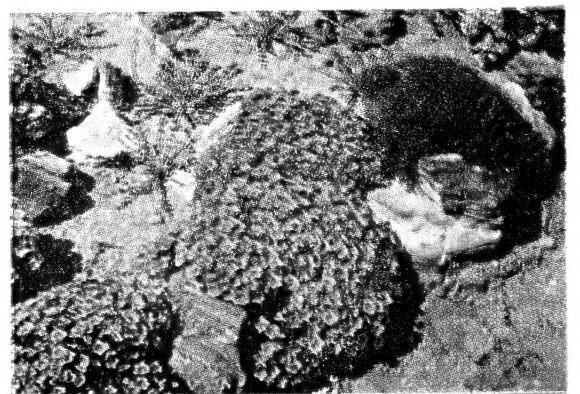
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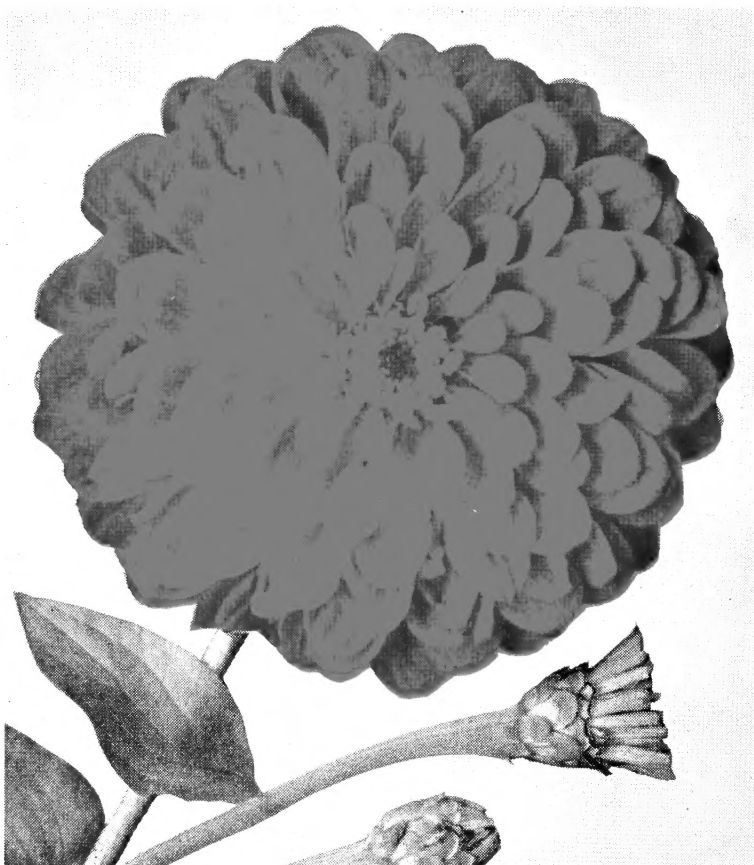


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Packet 25c

COLTNESS DWARF HYBRID DAHLIAS
Packet 15c



ZINNIA, WILL ROGERS
Packet 15c



PLANT A VICTORY GARDEN FOR HEALTH and ECONOMY

Dear Friends:

Last year our slogan was "FOOD WILL WIN THE WAR". Let this be our slogan again this year. You probably didn't realize the full portent of these few words at the time you received our catalog, but having passed through another year of war, the full meaning of needed food has been most forcibly brought home to all of us. You learned, through your war garden, the value of home-grown food. You fully realize the part you are playing in assisting to win the war with food. It has always been a good economic practice to raise what you eat, but it took a devastating war to bring this back to many. Keep up the good work. You'll live better. You'll contribute greatly to the war effort. You'll enjoy better health. Be sure to plant a Victory Garden again in 1944.

Many of you had reason to complain about our service last spring. We wish to make apologies at this time for many cases of tardiness in filling orders. You know the reason, but let us tell you that many, many hours of midnight oil were burned getting your orders into the mail. We could not get sufficient, nor competent help in our mail order department with the result that Bob and Ray "dug in" and worked long hours trying to do a half-way decent job. We trust you will understand and forgive us if your order was not filled as promptly as in previous years. Truthfully, we are going to be up against the same deal again this year, so get your orders in early so we can fill and forward before the rush sets in. We will bend every effort to give you the utmost in service and quality and are hopeful that you will entrust your orders with us.



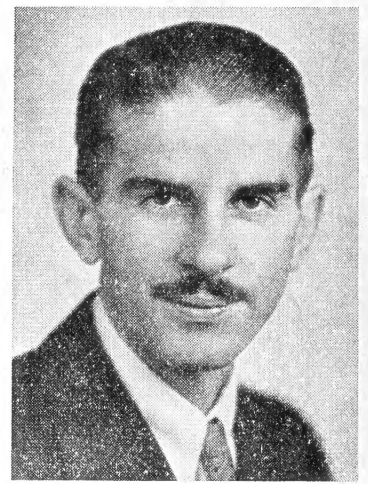
R. A. MIKSCHÉ
"Ray"
General Manager

MONARCH SEED & FEED COMPANY Miksche Brothers



J. E. WILKINSON
"John"

John is now in the service receiving his prep training at Camp Roberts, California.



R. M. MIKSCHÉ
"Bob"
Sales Manager

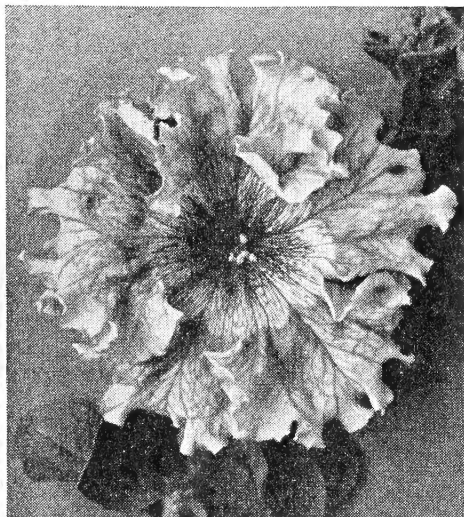
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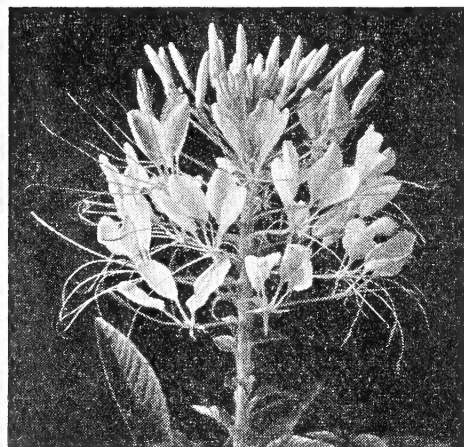
NOVELTIES for your 1944 Garden



Orange Beauty Calendula



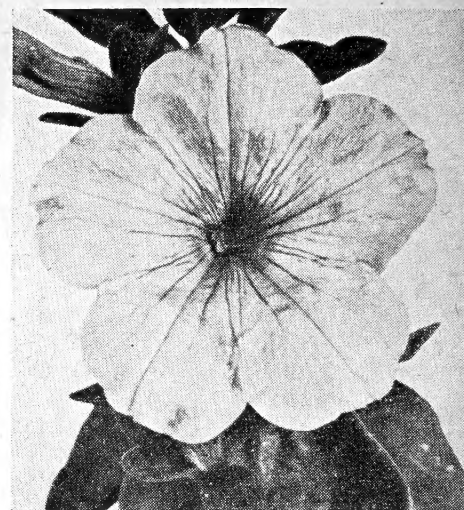
Petunia Glamour



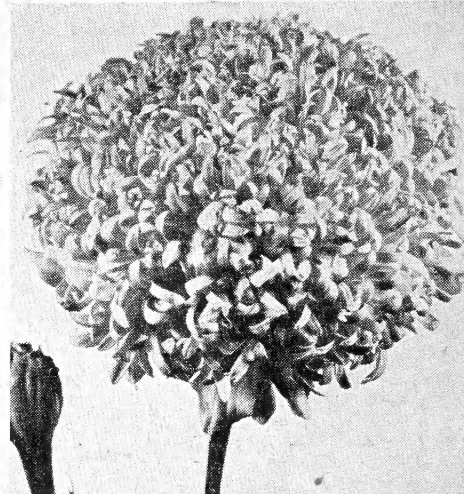
Cleome, Pink Queen



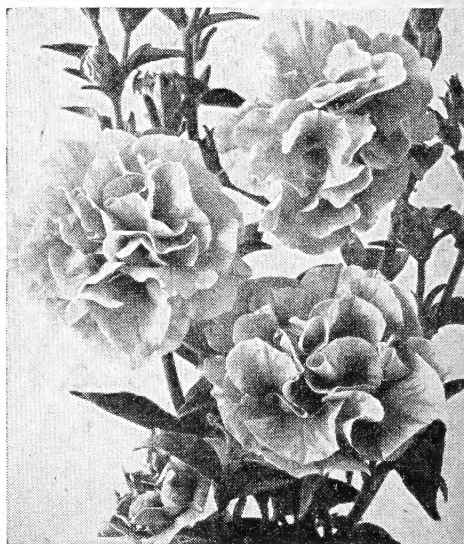
Marigold, Sunkist



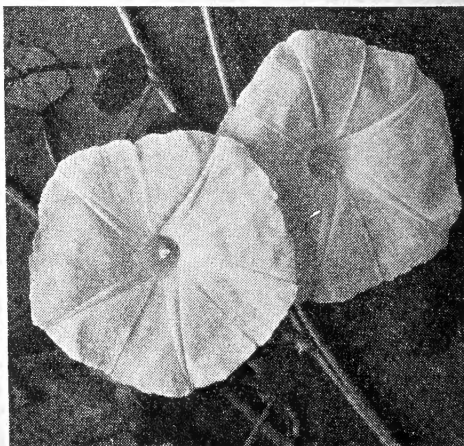
Petunia Cheerful



Mammoth Mum Marigold



Petunia, Alldouble America



Morning Glory, Pearly Gates

CLEOME, PINK QUEEN

Silver Medal, All-America Selections, 1942

A tall and attractive border plant with huge heads of delightful and refreshing pink without a trace of blue or magenta. It is never out of bloom. A grand flower, well branched, airy foliage. Reaches over four feet. Pkt. 25c.

COSMOS, SENSATION DAZZLER

Honorable Mention, All-America Selections, 1943

A new shade has been added to the popular Sensation type of Cosmos. Dazzler is a luscious shade of rich deep velvety maroon. The flowers are immense, four inches across, with broad heavy fluted petals. Excellent for cutting. Plants are sturdy and stand erect. Pkt. 25c.

MAMMOTH MUM MARIGOLD

The largest of all chrysanthemum flowered Marigolds. Flowers $3\frac{1}{2}$ inches and more across, light sulphur-yellow in color, and borne on long strong stems. Plants grow 3 feet and more, tall, very profuse blooming; wonderful for garden and cutting. Pkt. 25c.

MARIGOLD, DWARF FRENCH, SUNKIST

Silver Medal, All-America Selections, 1943

An exceptionally lovely border plant 8 inches high that becomes completely covered with 2 inch blooms. Colors are rich, deep golden orange, with crested centers surrounded by several rows of broad velvety petals. Pkt. 25c.

MORNING GLORY, PEARLY GATES

Silver Medal, All-America Selections, 1942

A big, satiny white Morning Glory with a creamy shading in the throat. An early blooming climber, literally covered with lovely flowers. Has a beautiful appearance and makes a grand companion for Clark's Early Heavenly Blue. Luxurious foliage; reaches 12 feet. Pkt. 25c.

ORANGE BEAUTY CALENDULA

Blooms are large, measuring $3\frac{1}{2}$ inches across and more, of curved loose petal formation, and freely borne on long stems. The color is a bright deep orange, the inner petals curling over the lighter colored center. Pkt. 25c.

PETUNIA, ALDDOUBLE AMERICA

Silver Medal, All-America Selections, 1943

America's first alldouble Petunia to be introduced. It is the finest of all new flowers. Plants are compact and uniform, 1 ft. high and $1\frac{1}{2}$ ft. across. The rose-pink flowers are 2 inches in diameter and fill the plant from early spring until late fall. Pkt. 50c.

PETUNIA, GIANTS OF CALIFORNIA GLAMOUR

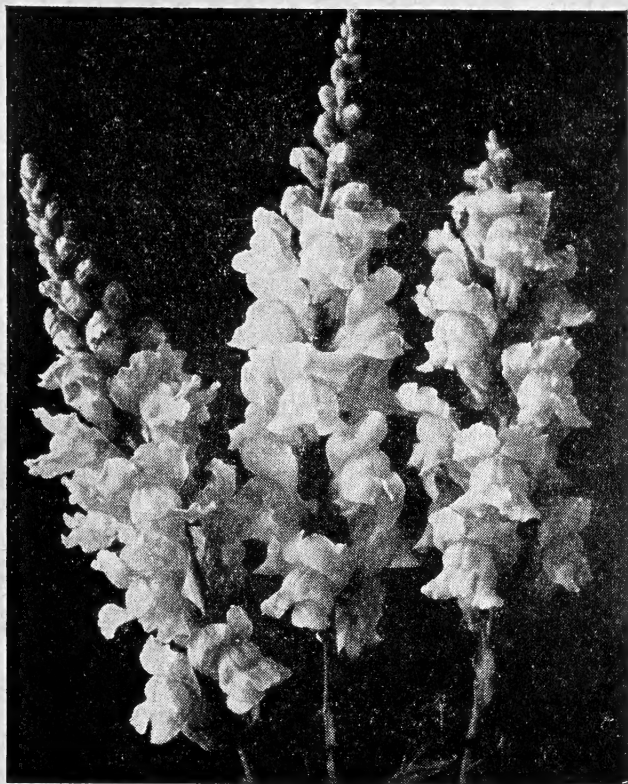
Honorable Mention, All-America Selections, 1942

Large flowers of salmon-rose with brown veining on white in the throat. An excellent color under artificial light and outdoors. Little variation in color shades. Most flowers have wavy, fringed petals although a few come plain edged. A free and continuous bloomer. Pkt. 25c.

PETUNIA, NEW DWARF BEDDING, CHEERFUL

Flowers $2\frac{1}{2}$ inches across, of a pleasing color, fresh salmon-pink enlivened by a deep rose veining towards the throat. Ideal for bedding as the plants are low, spreading close to the ground as they start to bloom, and later on forming a low mound completely covered with flowers. Stems are sturdy and long enough for cutting. Plants attain an average height of 10 inches and a spread of 2 feet or more. Pkt. 25c.

Annual and Perennial Flower Seeds



SNAPDRAGON

AGERATUM, Floss Flower (a)

One of the most popular Summer blooming plants grown from seed, being literally covered with flowers from early Summer until frost. Excellent for borders, edgings, rockery, or pots. The taller varieties are fine for cutting. Do well in semi-shade.

AGERATUM MIDGET BLUE. Silver Medal, All-America Selection, 1940. A very fine dwarf (2 to 3 inches high) Ageratum with delicate foliage, which is practically smothered with small true Ageratum Blue flowers. This is really the first dwarf Ageratum that we have found that will come uniformly dwarf and true to color from seed. Pkt. 25c.

BLUE BALL. Compact round plants, 6 inches tall, hidden by a mass of pure blue flowers. Fine for dwarf beds and edging. Pkt. 10c.

ALYSSUM, Madwort

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in Summer, or for growing in pots and boxes for Winter blooming.

CARPET OF SNOW. (ra). White flowers on plant only 3 inches tall. Rapidly becoming a favorite variety. Pkt. 10c.

SAXATILE COMPACTUM. Perennial. Sometimes called Basket of Gold. It grows compactly and is covered with a wealth of golden blossoms in early spring. Height 12 inches. Pkt. 10c.

VIOLET QUEEN. Dwarf compact plants of small, sweetly scented flowers of a very rich deep shade of violet. Neat in habit and free flowering, Violet Queen will unquestionably be one of the leading novelties of the season. Pkt. 15c.

ANCHUSA, Summer Forget-Me-Not (a)

A free-flowering class, producing its charming Forget-Me-Not-like blooms in graceful sprays from early Summer until late Fall.

BLUE BIRD. Deep blue flowers on plants 18 inches tall. Pkt. 10c.

ARCTOTIS HYBRIDS AUTUMN SHADES (a)

A gay and cheerful member of the colorful winter and spring blooming flowers. Dozens of blossoms open at a time, commencing to bloom in December or January. Many shades of red, orange, yellow, typical autumn tones. Foliage is a soft gray

green with slender wavy edged leaves. A decided addition to the border garden.

Mixed. Pkt. 10c.

ANTIRRHINUM, Snapdragon (a)

Snapdragons are fascinating flowers, with their interesting form and glowing colors. They are easy to grow and will bloom continuously until severe frost, making a wonderful display and supplying unlimited cut flowers. Ordinary good garden soil will produce fine Snapdragons either in full sun or semi-shaded spots. Sow outdoors when danger of frost has passed, or indoors six weeks earlier.

ROSALIE (Bronze Medal, All-America Selections, 1940). This exciting color is entirely new in Antirrhinum. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out among all other colors. The plants are base branching and produce from six to eight huge long flowering spikes on which the florets are decidedly well arranged. This is an all-purpose Snapdragon. Pkt. 25c.

SWING TIME. New rust resistant novelty. The loveliest rose pink imaginable with a bright yellow touch and a white tube that is an addition to its beauty rather than a hindrance. Spikes are huge and evenly packed with immense blooms beautifully tapered. Pkt. 15c.

SUPER GIANTS, RUST RESISTANT

30 to 36 inches tall.

APPLE BLOSSOM. Rosy pink, white tube. Pkt. 10c.

CRIMSON. Fiery crimson. Pkt. 10c.

FINEST MIXED. Pkt. 10c.

LARGE FLOWERED, HALF DWARF

Rust Resistant

Finest Mixed. Pkt. 10c.

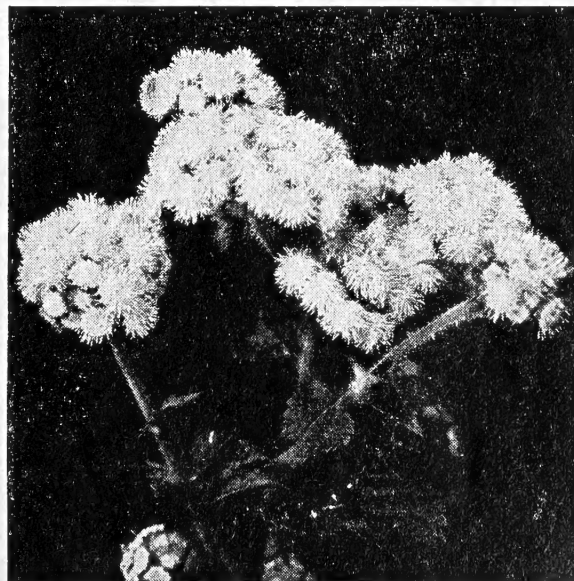
AQUILEGIA, Columbine (p)

These are among the most beautiful of Spring and early Summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

CRIMSON STAR. (Award of Merit, Royal Horticultural Society.) Rich dark crimson sepals and spurs, in wonderful contrast to the white petals — combination of colors entirely new in Aquilegia. Flowers are large, plants are vigorous; a wonderful novelty. Pkt. 15c.

MRS. SCOTT ELLIOTT'S STRAIN. One of the finest tall strains ever developed, long-spurred, large flowers, in a splendid mixture of colors. Pkt. 15c.

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.



AGERATUM

ANNUAL AND PERENNIAL FLOWER SEEDS

ASTER (a)

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden, not equaled by any other. For these obvious reasons we give a great deal of attention to these flowers, and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. To do well, Asters require a well pulverized soil, always kept open by continuous cultivation. Height, 1 to 3 feet.

IMPROVED GIANTS OF CALIFORNIA. This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list.

Finest Mixed. Pkt. 15c.

PRINCESS ASTER, Wilt-resistant. A very attractive new cutting type of wilt-resistant aster, 2-2½ ft. tall, branching and free flowering, early blooming, bearing quantities of 3-3½ in. flowers on strong stems. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals. See illustration.

Princess Anne. Peach Blossom. Pkt. 15c.

Princess Bonnie. Soft salmon-rose. Pkt. 15c.

Princess Marsha. Rich cinnabar scarlet. Pkt. 15c.

SUPER GIANT LOS ANGELES. Award of Merit, All-America Selections, 1934. The first introduction in modern Super Giant class, the flowers are fully double, 6 to 8 inches across, graceful and delicately interlaced. Long, stiff stems, bearing the large shell pink flowers smartly upright. Pkt. 15c.

ASTER, EARLY GIANT WILT-RESISTANT, LIGHT BLUE. Silver Medal, All-America Selections, 1939. Fully wilt-resistant, extremely large flowered and most attractive colors. Color is a rich light blue, a shade which blends in beautifully with either deeper or lighter tones. Pkt. 15c.

ASTER, EARLY GIANT WILT-RESISTANT, Peach Blossom. Very large and full with broad, graceful petals, daintily plumed and intertwined. Peach Blossom has particularly full-petaled flowers of an attractive shade which opens almost white and flushes light pink then lavender pink as flower matures. Plants 1½ to 2 feet tall. Pkt. 15c.

IMPROVED CREGO WILT-RESISTANT. The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2½ feet in height.

Crimson. Glowing deep rose-crimson. Pkt. 10c.

Purple. Showy violet purple. Pkt. 10c.

Rose. Lovely bright carmine rose. Pkt. 10c.

White. Purest white, large and fluffy. Pkt. 10c.

Crego's Finest Mixed. Pkt. 10c.

AMERICAN BRANCHING, Wilt-Resistant. Plants 2½ to 3 feet tall, branching, robust; flowers large, double and fine form, blooming in early September. Our selected stocks of these are the best money can buy.

Finest Mixed. Pkt. 10c.

SINGLE ASTERS. (a) Large, daisy-like flowers in the same colors as the double China Asters, 18-24 inches high with large flowers on graceful stems. Fine for variety in the garden. Excellent for cutting. Mixed. All colors. Pkt. 10c.



EARLY GIANT, LIGHT BLUE

BABY'S BREATH (See Gypsophila)

BACHELOR'S BUTTON (See Centaurea)

BALSAM, Lady Slipper (a)

An old and popular garden flower of easy culture. Gorgeous masses of brilliant colored double flowers are produced in the greatest profusion. Height, 2 feet.

CAMELLIA FLOWERED. Finest mixed. Pkt. 10c.

BEAN (a)

A rapid climber, flowering profusely; grows 10 to 15 feet high. Edible as well as ornamental.

SCARLET RUNNER. Pkt. 10c.

BLUE FERN FLOWER (See Nierembergia)

BRACHYCOME, Swan River Daisy (a)

Brilliant free-flowering annual blooming throughout the Summer months and suitable for beds or borders. The dainty flowers resemble small Cinerarias. Height, 6 to 12 inches.

Mixed Colors. Pkt. 10c.

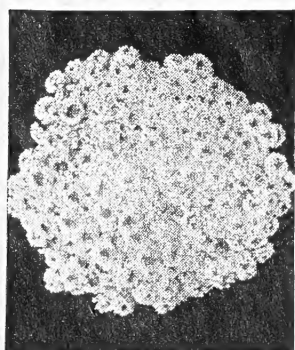
CALLIOPSIS, Tickseed (a)

Very showy and splendid subjects for garden decoration as well as for cutting. Sow seed where intended to bloom in early Spring; thin out to 6 inches apart. Cut flowers as soon as they open, as this prolongs the blooming season until Autumn. Height, ½ to 2½ feet.

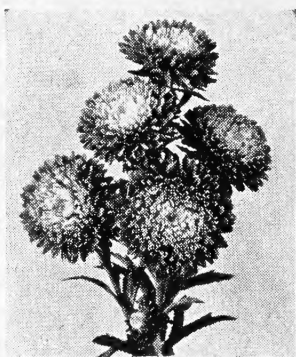
GOLDEN CROWN. Silver Medal, All-America Selections 1938. An enlarged Drummondii. A rich orange-yellow or gold of pleasing fragrance. Makes a good cut flower with 12-inch wiry stems. Similar to Golden Crest. Pkt. 10c.

Tall Mixed. Pkt. 10c.

Dwarf Mixed. Pkt. 10c.



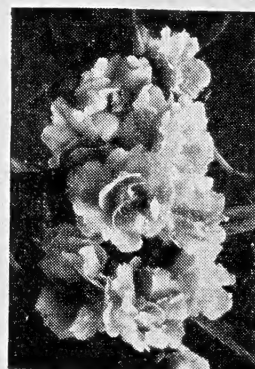
ALYSSUM, CARPET OF SNOW



ASTER, PRINCESS MARSHA



ARCTOTIS



BALSAM

ANNUAL AND PERENNIAL FLOWER SEEDS



CALENDULA, ORANGE FANTASY

CALENDULA, Pot Marigold (a)

The colorful flowers make a wonderful display in the garden and are always admired by those who see them. Blooms freely in early Summer and continues into the Fall. Even though this plant prefers a sunny location and rather dry soil, it does well under widely different conditions, requiring little care to grow to perfection. 18 to 24 inches in height.

CAMPFIRE IMPROVED. A very deep strong orange with distinct scarlet sheen on upper side of each petal. Blooms flat across top and measures 4 inches in diameter. Plants are strong growing and even in habit. Exceptionally long heavy cutting stems in generous quantity on each plant. Pkt. 15c.

ORANGE FANTASY. Silver Medal, All-America Selections 1938. Distinct. Rather dwarf, heavy foliaged plants. 18 to 24 inches. Crested flowers of coppery orange, with petals edged mahogany. True. A fine novelty. Pkt. 10c.

NEW SUNSHINE CALENDULA, CHRYSANTHA. Gold Medal Winner, All-America Selections 1934. A clear, buttercup yellow in color with loosely arranged petals, incurved at center and reflexed at edges. Flowers mounted on strong, wiry stems a foot in length; excellent for cutting. Pkt. 10c.

RADIO. Flowers hemispherical in shape with bristling quilled petals, rich glowing orange. Graceful and attractive. Pkt. 10c.

Double Mixed. Pkt. 10c.

CALIFORNIA POPPY (See Eschscholtzia)

CAMPANULA, Canterbury Bell

CALYCANTHEMA (b) (Cup and Saucer). Perhaps the most beautiful type; distinct in form, with large bell or cup-shaped flowers surrounded at the base by a large calyx of similar color, the whole resembling a cup and saucer.

Finest Mixed. Pkt. 10c.

ANNUAL CANTERBURY BELLS (a). Gold Medal, All-America Selections 1933. We have all wished for a Canterbury Bell that would not occupy the ground for so long before it flowered. When planted from seed, loads itself with flowers in less than five months, in colors the same as the biennial type, including the various shades of blue, pink, rose, and white.

Finest Mixed. Pkt. 15c.

CASTOR BEAN (See Ricinus)

CELOSIA, Cockscomb (a)

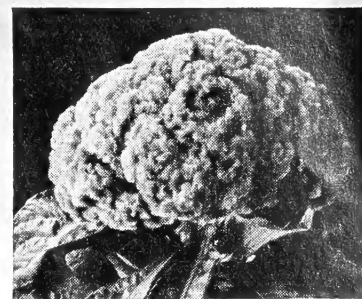
Very attractive and showy, somewhat tender annual, producing massive heads in rich shades of crimson and yellow flowers. Should be started in hot beds and transplanted to rich soil after warm weather comes. Set plants a foot or more apart.

CRISTATA. Choice mixed; height, 9 to 18 inches. Pkt. 10c.

PLUMOSA (Improved Feather Type). Choice mixed; height, 2 feet. Pkt. 10c.



CELOSIA PLUMOSA



CELOSIA CRISTATA

CENTAUREA

Particularly well adapted for border planting. The types cultivated for their flowers have bulging calyxes from which many finely cut petals expand. Others have a downy growth on their leaves, making the foliage quite ornamental. All of them are of easy culture from seed.

CORNFLOWER, JUBILEE GEM. Silver Medal, All-America Selections 1937. A dwarf variety of Cornflower making a compact plant literally covered with flowers. About 12 inches in height. Easy to grow. Admirable as a border plant. A fine cut flower. It may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. Pkt. 10c.

CYANUS DOUBLE (a). (Bachelor Button). This superb class of Cornflowers produces handsome, large double blooms, effective out-of-doors and in bouquets. Height, 2 to 3 feet.

BLUE BOY. Pkt. 10c.

ROSE. Pkt. 10c.

Mixed. Pkt. 10c.

SWEET SULTAN (a). These beautiful long stemmed flowers with their soft velvety heads make very enchanting bouquets. They measure 2 to 2½ inches across while the entire plant stands about 2½ to 3 feet tall. You can grow them readily in any fair garden soil, and your friends are sure to admire them.

Mixed. Pkt. 10c.

CARNATION, Dianthus Caryophyllus (p)

Few flowers surpass in beauty of form or delicious fragrance, the richly hued Carnation. The plants are branching but compact, and the handsome blossoms are produced on blue-green stems that are stiff but slender. The double flowers with their thick waxy petals are spicily scented.

CHABAUD GIANT. 18 inches. This variety blooms six months after seeding and continues throughout the Summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size.

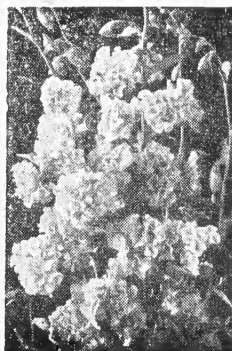
Mixed. Pkt. 15c.

CANDYTUFT (a)

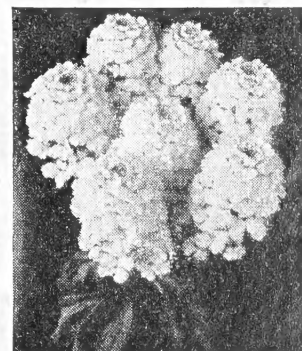
Valuable for masses and edging, and considered indispensable for cutting. Seed sown in April flowers in June; successive sowings should be made at intervals. Hardy and easy to grow, blooming profusely. Height, 1 foot.

GIANT WHITE HYACINTH FLOWERED. Very fine for cutting. Pkt. 10c.

UMBELLATA. Mixed. Pkt. 10c.

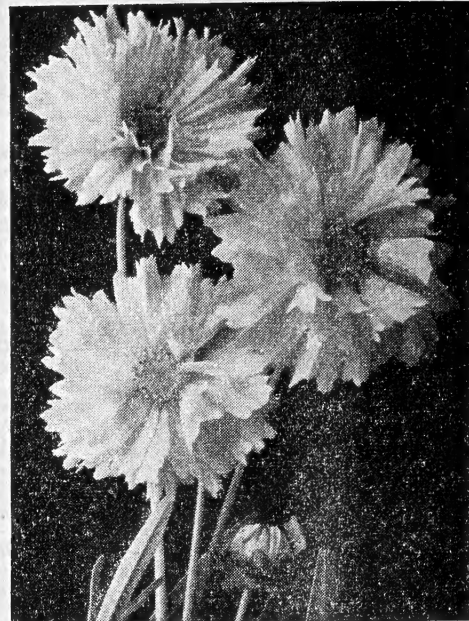
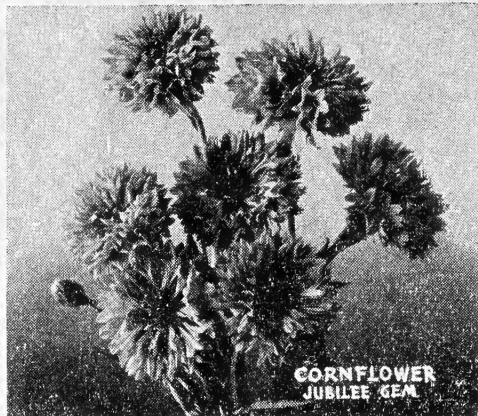
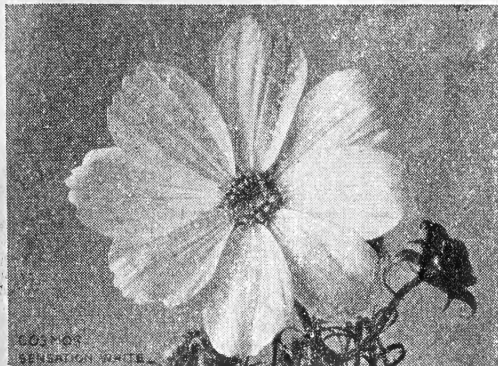


CLARKIA



CANDYTUFT GIANT
White Hyacinth Flowered

ANNUAL AND PERENNIAL FLOWER SEEDS



CARDINAL CLIMBER (ac)

Graceful climber with cardinal-scarlet blooms 1 to 1½ inches in diameter. Rich, glossy, dark green foliage. Grows 15 feet tall and is in bloom all Summer.

IPOMOEA CARDINALIS. Pkt. 15c.

CLARKIA (a)

An annual, flowering in July, which should be far more widely known. It is of easy cultivation, graceful in habit of growth, and lends itself as well to bedding as for cutting. Flowers in long racemes which open in water when cut.

ELEGANS. Double. Choice mixed. Height, 2 feet. Pkt. 10c.

COCKSCOMB (See Celosia)

COLUMBINE (See Aquilegia)

COREOPSIS (p)

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting. Height, 3 feet.

GRANDIFLORA DOUBLE SUNBURST. Much of the beauty of early Summer gardens is due to the brilliant golden yellow of Coreopsis plantings. The double flowers are large, 1½ to 2 inches across, deep golden yellow, and are excellent for cutting as well as for garden decoration. Fine keepers; plants are easy to grow. Pkt. 15c.

CORNFLOWER (See Centaurea)

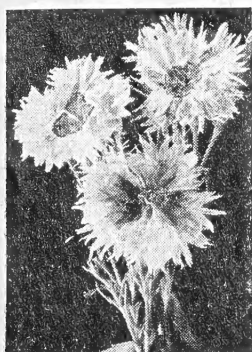
COSMOS (a)

No garden is complete without Cosmos. These old favorites supply a gorgeous, colorful effect during late Summer and Fall. Fine for cutting as the flowers last well in water. Cosmos are easy to grow.

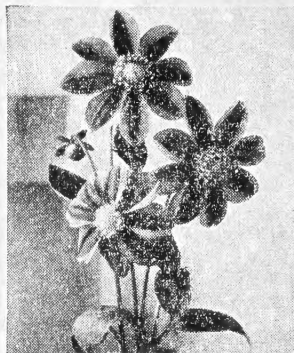
YELLOW FLARE. (See color illustration inside front cover.)

Bright clear yellow, the new Yellow Flare Cosmos brings a new shade to this family. For many years gardeners have been wishing for a yellow Cosmos and here it is fresh and glowing. Single flowers 2½ in. across produced in great masses on 3-foot plants. Pkt. 20c.

SENSATION PINKIE. The finest new development in Cosmos. Flowers very large, as much as 5 inches in diameter, with broad, heavy fluted petals, slightly overlapped. Ideal for cut flowers. Sturdy plants 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 15c.



DIANTHUS
Heddewigii Laciniatus



DAHLIA
Coltness Hybrids

SENSATION PURITY. Purity is the glistening white Cosmos in the Sensation type as Pinkie is the delightful rose pink shade. Pkt. 15c.

SENSATION MIXED. Pkt. 15c.

ORANGE RUFFLES. Semi-double. A worthy and new semi-double Orange Flare type Cosmos. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Free blooming, early flowering. Grows to a height of 3 to 4 feet. Pkt. 15c.

EARLY DOUBLE CRESTED. Showy plants, 3 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms.

Mixed. Pkt. 15c.

DAHLIAS (From Seed) (rp)

UNWIN'S DWARF HYBRIDS, IMPROVED. This is an improved strain of this popular flower. They grow from 18 inches to 2 feet tall and come in many delightful shades. We offer an improved strain which gives you a wider assortment of choicer colors. Produces a high percentage of doubles from seed. Mixed colors. Pkt. 10c.

COLTNESS DWARF HYBRIDS. A very dwarf variety for bedding. This strain produces many beautiful pastel shades and a high percentage of single flowers. The finest of the Dahlias for cutting. Growing the miniature Dahlias from seed is becoming a popular garden practice. Mixed colors. Pkt. 15c.

DIANTHUS, Pinks (a)

A charming class of annual flowers for beds, borders, edgings, and cutting. The dwarf, rather compact plants average 1 foot in height. Of easiest culture, succeeding in ordinary garden loam. Blooms from July until frosts.

HEDEWIGII LACINIATUS DOUBLE MIXED. Superb flowers rivaling the Carnation in size and doubled blossoms. Excellent for bouquets. Pkt. 10c.

HEDEWIGII SINGLE MIXED. Large finely marked flowers having fringed petals. Pkt. 10c.

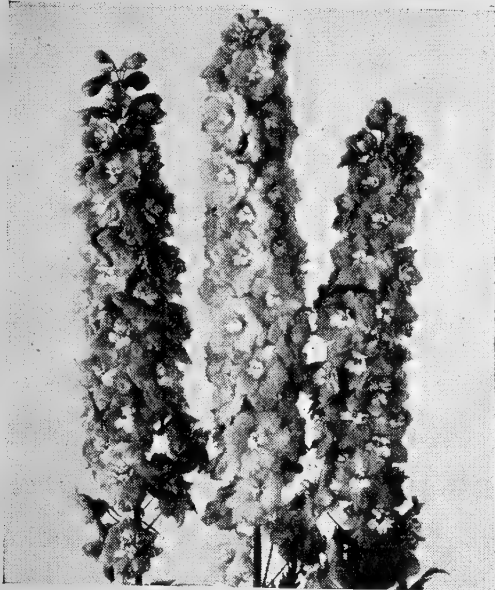
DIANTHUS BARBATUS (See Sweet William)

DIGITALIS, Foxglove (b)

This ornamental hardy plant is used extensively for naturalizing in shrubbery borders and along the edges of woods. It grows well under almost all conditions, giving a wealth of bloom during June and July. Height, 4 to 6 feet.

GLOXINIAEFLORA. This is an improved strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. **Mixed Colors.** Pkt. 10c.

ANNUAL AND PERENNIAL FLOWER SEEDS



PACIFIC HYBRID DELPHINIUMS

DELPHINIUM (p)

One of the greatest charms of hardy Larkspurs is in their shades of blue which range from soft rosy lavender to violet and deepest indigo. The dwarfs are valuable in the border while the magnificent tall varieties are stately and beautiful in front of a shrubby background. Above the deeply cut dark green leaves rise long floral spikes. Height, 1 to 8 feet.

PACIFIC HYBRIDS. A new strain of Delphiniums originated on the Pacific Coast to grow under Pacific Coast conditions. Huge flowers, 2½ to 3½ inches in diameter, beautifully spaced on well-balanced tall spikes. Highly resistant to mildew. Color range excellent and comes practically 100% double florets. Pkt. 25c.

TALL HYBRIDS. Handsome sorts adapted to backgrounds. Plants grown from early sown seed will flower late the first season, but reach their full development the second year and thereafter. Height, 5 feet.

BELLADONA. A delightful shade of silvery blue. Pkt. 10c.

BELLAMOSUM. Rich, deep and intense blue. Pkt. 10c.

BLACKMORE & LANGDON HYBRIDS. Without question the finest strain of large flowered hybrid Delphiniums. Various shades and color combinations in the individual flowers. Will produce amazingly large flowers and spikes. Pkt. 25c.

DIMORPHOTHECA, African Golden Daisy (a)

The plants are of branching habit, growing about 15 inches high. An easily cultivated annual.

AURANTIACA HYBRIDS. The flowers are equally large, but vary in color from the purest white to yellow, orange and rich salmon shades, many being zoned with several of these colors around the black disk. Pkt. 10c.

ORANGE IMPROVED. Pkt. 10c.

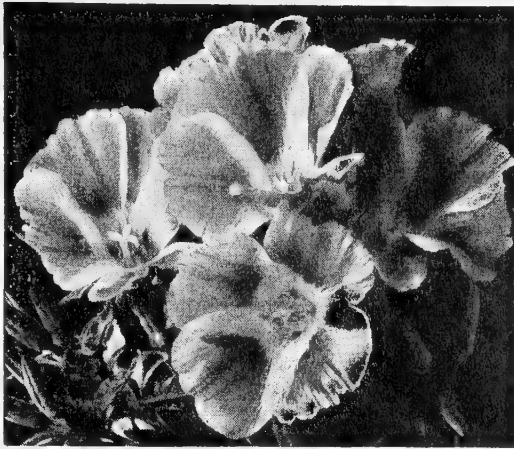
ESCHSCHOLTZIA, California Poppy (a)

The state flower of California and one of the most attractive low growing annuals. The foliage is finely cut, fern-like, and silvery green in color. They start to bloom in a few weeks after the seed is sown. Height, 12 to 18 inches.

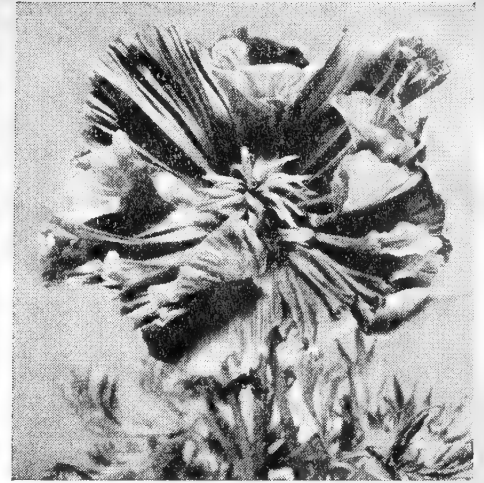
GRANDIFLORA HYBRIDS. Large flowering varieties in the most exquisite shades of gold, copper, bronze, scarlet, purple and crimson. **Mixed Colors.** Pkt. 10c.

RAMONA HYBRIDS. A new strain containing many lovely shades. The plants grow compact and upright, with flowers beautifully frilled. **Mixed Colors.** Pkt. 10c.

AURANTIACA, ORANGE. The ordinary California poppy. Pkt. 10c.



GODETIA



ESCHSCHOLTZIA, RAMONA HYBRIDS

EVENING PRIMROSE, *Oenothera* (b)

A twilight blooming plant. Flowers of brilliant yellow are often 3 inches across. Clusters of them decorate the tops of upright spikes which are arranged in the form of a candle-labra. Height, 2 to 6 feet.

LAMARCKIANA. Pkt. 10c.

FLAX (See *Linum*)

FOUR O'CLOCK, *Marvel of Peru* (a)

A favorite showy annual for beds and borders. Excellent for planting in front of the porch or alongside the house. The plants bloom freely from July until frost.

Tall, Mixed. 2 feet tall, in many fine colors. Pkt. 10c.

FOXGLOVE (See *Digitalis*)

GAILLARDIA, Blanket Flower

Tones of orange, yellow, red, and maroon, often beautifully combined in a single blossom, make these flowering plants gay ornaments of the garden all Summer. Height, 1 to 2 feet.

SINGLE MIXED (a). Large daisy-like blossoms of yellow and bronze with central cones of yellow. Pkt. 10c.

DOUBLE MIXED (a). Globular heads of tubular florets in shades of sulphur, orange, and claret. Pkt. 10c.

GRANDIFLORA PORTOLA HYBRIDS (p). Semi-double blooms of magnificent size and broad overlapping petals, golden tipped around glowing centers of bronzy red. Pkt. 15c.

DAZZLER. Large, well formed flowers, very vivid in the garden as the name implies. Golden yellow and maroon red. Striking perennial. Pkt. 15c.

GEUM, *Avens* (p)

Beautiful hardy perennials, bearing profusely large, showy, double, dark crimson flowers all through the Summer. An elegant flower for bouquets. Height, 18 inches.

LADY STRATHEDEN. A new golden yellow with large full flowers of great beauty. Pkt. 10c.

MRS. BRADSHAW. Large, double, brilliant orange-scarlet. In flower throughout the entire summer. Pkt. 10c.

GODETIA, *Satinflower* (a)

Very handsome annual plants especially suited for semi-shady locations. Sow in Spring in the open and thin to 8 or 10 inches apart. The flowers are bright and colorful and the single sorts are not unlike the Azalea in form.

TALL DOUBLE. Long graceful spikes are decorated with double blossoms resembling satin pompons one above another. Height, 2 feet. **Choice Mixed Colors.** Pkt. 10c.

ORNAMENTAL GOURDS (ac)

Ornamental Gourds are easily grown in rich soil, where they will produce plenty of fruits. They may be trained on trellises and the ripened fruits used for ornaments.

Large and Small Sorts Mixed. Pkt. 10c.

ANNUAL AND PERENNIAL FLOWER SEEDS

GYPSOPHILA, Baby's Breath

Pretty, free-flowering annuals and perennials. Their misty white panicles are largely used for mixing with other cut flowers. Height, 1 to 3 feet.

ELEGANS GRANDIFLORA (a). London Market Improved. An improved annual strain with single large pure white flowers. Sow at intervals for a supply of flowers throughout the Summer. Height, 2 feet. Pkt. 10c.

ELEGANS CARMINEA. A deep rose colored form of above. Pkt. 10c.

PANICULATA WHITE (p). Hardy perennial with sprays of tiny rose-shaped blooms. If cut before the flowers are fully opened, sprays can be used in winter bouquets. Height, 3 feet. Pkt. 10c.

DOUBLE WHITE (p). Each flower double, pure white. Excellent for dry bouquets if cut and treated like the single variety. Good cut flower. Pkt. 25c.

HELIANTHUS, Sunflower (a)

Well known and popular plants, the small flowering sorts being useful for cutting. The tall varieties are valuable for backgrounds.

SUN GOLD, Double Sunflower. Dramatic and striking in beauty. All double in a brilliant golden yellow color. Blooms 4 to 5 inches in diameter, are a delight in a background planting in full sun where they will produce a vivid splash of color in mid-summer. Plants reach a height of 4 to 5 feet depending upon soil and climate. Very free flowering. Pkt. 15c.

RED SUNFLOWER. Tall single flowered variety with bright red blossoms. Pkt. 10c.

HELICHRYSUM, Straw Flower (a)

The finest of all Everlastings. They make unusually fine Winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. A wide range of brilliant and soft colors. Height, 2 to 3 feet.

Finest Mixed. Pkt. 10c.

HOLLYHOCK, Althaea (p)

The beautiful color effects produced by the planting of these flowers, render them indispensable for the old-fashioned garden or the herbaceous border. Height, 6 to 12 feet.

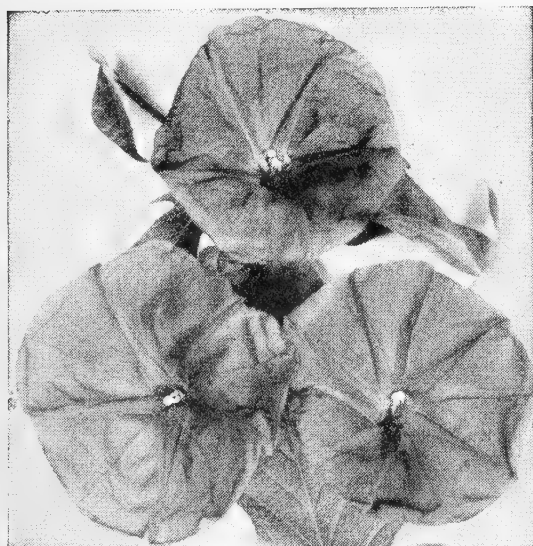
INDIAN SPRING. Silver Medal, All-America Selections, 1939. Semi and double flowers of bright rose and rosy carmine. Its many flowered branches produce a continuous show until frost. Flowers first year from seed. Pkt. 15c.

DOUBLE TRIUMPH MIXED. Beautifully fringed rosette flowers in many new shades and bi-color combinations. Pkt. 15c.

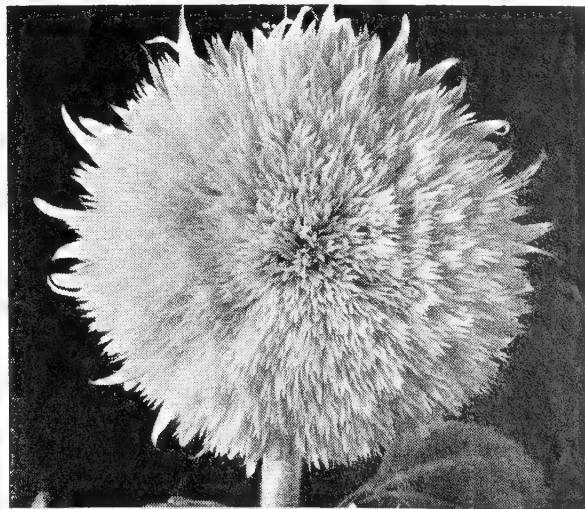
HUNNEMANNIA, Mexican Tulip Poppy (a)

Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup yellow, poppy-like blossoms, and are never out of flower until hard frost. The plants grow 2 feet high, with beautiful feathery foliage.

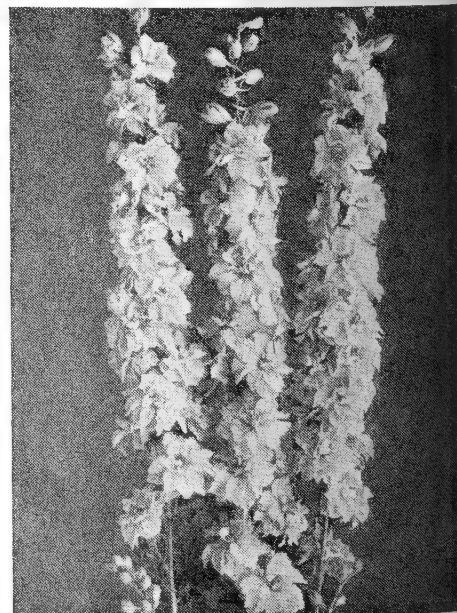
SUNLITE. Award of Merit, All-America Selections. Semi-double, canary yellow. Pkt. 10c.



IPOMOEA, SCARLETT O'HARA
(Morning Glory)



HELIANTHUS, SUN GOLD



LARKSPUR, GIANT IMPERIAL
CORAL KING

IBERIS (See Candytuft)

ICELAND POPPY (See Poppy Nudicaule)

IPOMOEA, Morning Glory (ac)

Climbers of rapid growth, with beautiful and varied flowers. For covering walls, trellises, arbors, they are invaluable.

SCARLETT O'HARA. Gold Medal, All-America Selections, 1939. An entirely new color in the popular Morning Glories—rich dark wine red or deep rosy crimson. Flowers 4 inches in diameter, freely produced on fast growing vines. The dark green foliage does not make a heavy growth, leaving plants graceful in appearance. Pkt. 15c.

PEARLY GATES. Silver Medal, All-America Selection 1942. A big, satiny white morning glory with a creamy shading in the throat. Early blooming climber, literally covered with lovely flowers. Company to Clark's Early Heavenly Blue. Pkt. 25c.

CLARK'S EARLY HEAVENLY BLUE. A variety that is bringing new popularity to Morning Glories. It is an early blooming climber, literally covered with lovely flowers of sky-blue. Flowers 2½ inches across and blooms until frost. Pkt. 10c.

MIXED IMPERIAL. These are beyond question the handsomest of all Morning Glories. The flowers are of gigantic size and their colorings beyond description. Pkt. 10c.

LARKSPUR (a)

Annual Delphiniums are adorned with finely cut, feathery foliage which set off to advantage the handsome long floral spikes of double blossoms. The colors range from pure white through soft shades of lavender and pink to deep blue.

GIANT IMPERIAL. Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for general garden use. Their delphinium-like spikes of double florets are carried on stout stems 4 to 5 feet.

WHITE KING. Special Mention, All-America Selections, 1937. The flowers are a pure, glistening white, with extremely large double florets, sometimes measuring 2 inches across, evenly spaced on the stem. Early, the finest Larkspur. Pkt. 10c.

CORAL KING. Coral King was a running mate to White King for All-America recognition. It has the same form and size and is different only in color—a beautiful coral pink. Pkt. 10c.

BLUE SPIRE. Very deep violet blue. Outstanding blue. Pkt. 10c.

PINK PERFECTION. The 2-inch florets of rounded broad petals are evenly and closely spaced on the stem, giving a very heavy Hollyhock-like cutting spike 24 inches or more in length. Color is a very luscious shade of lively light pink. Pkt. 10c.

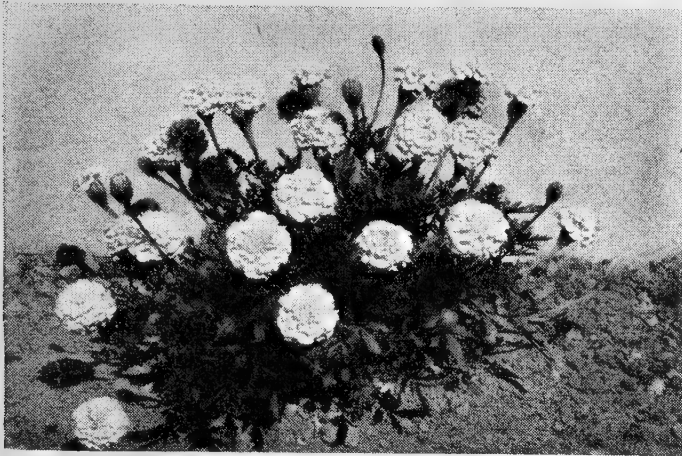
Finest Mixed. Pkt. 10c.

TALL DOUBLE STOCK FLOWERED. A strikingly tall variety with lateral branches which produce many fine spikes.

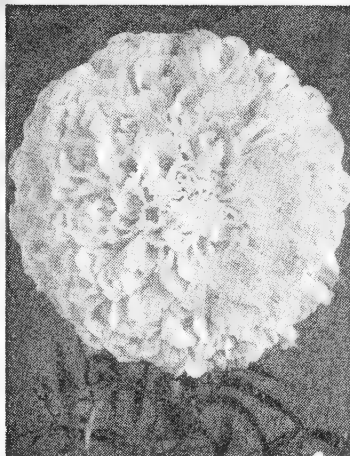
ROSAMOND. Gold Medal Winner, All-America Selections, 1934. Exceptionally uniform in habit, bearing bright rose flowers that hold their color. Is two weeks earlier than other varieties. Pkt. 10c.

Finest Mixed. Pkt. 10c.

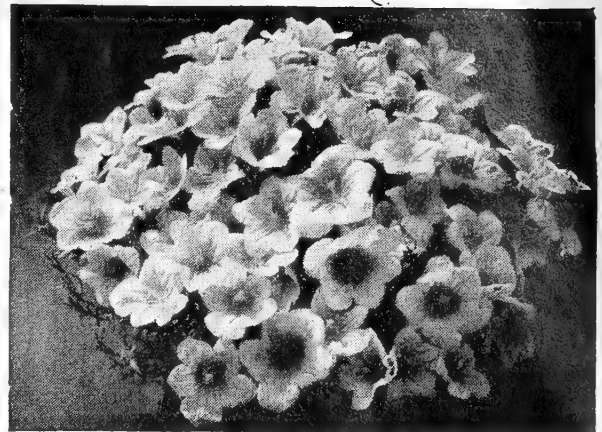
ANNUAL AND PERENNIAL FLOWER SEEDS



MARIGOLD, YELLOW PYGMY



GIGANTEA, DOUBLE ORANGE



NIEREMBERGIA, PURPLE ROBE

LINARIA, Miniature Snapdragon (a)

This interesting species bears flowers which resemble miniature Snapdragons ending in single elongated spurs. It includes both trailing and erect growing varieties which are little known but worthy of greater attention. Height, 8 to 18 inches.

MAROCCANA MIXED. This is an erect sort with finely cut foliage and with blossoms clustered on upright spikes. The colors which are varied embrace many shades of crimson, orange, and blue. The plant is in flower within two months. Pkt. 10c.

LINUM, Crimson Flax (a)

GRANDIFLORUM RUBRUM. An old favorite with large, rich crimson blooms borne profusely on plants growing 18 to 24 inches tall. Though the flowers last only one day, new ones appear every morning. Pkt. 10c.

LOBELIA (a)

A dainty and continuous blooming annual of compact growth, remarkable for its profusion of beautiful blue flowers. Unexcelled for edging, ribbon beds, hanging baskets or window boxes. Height, about 6 inches.

COMPACTA, CRYSTAL PALACE. Erect and very free blooming. Best dark blue for edging. Fine for pots. Pkt. 10c.

HYBRIDA PENDULA SAPPHIRE. A trailing annual useful in pots and flower boxes where it can trail over the edge and display its beautiful deep blue, white-eyed flowers. Pkt. 10c.

LUPIN, Sun Dials

Thrive in almost any situation. Sow where they are to bloom in May, and as plants grow, thin out to 1 foot apart. The annual varieties bloom freely from June until September, and the perennials make a fine addition to the hardy border.

RUSSELL LUPINS. Long, closely furnished spikes flower in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bi-colors never seen in Lupins before. The florets are large with a flat fan-like back-standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Awarded the Royal Horticultural Society's Gold Medal, June, 1937. Pkt. 25c.

MARIGOLD (a)

Late in the season when many other growing things are past their prime, these plants supply an abundance of decorative blossoms. Their tones of orange and yellow blend well when the flowers are arranged loosely in bowls and vases. The bright green foliage is finely cut, and the stems are stout. Tall Marigolds give charm to the border, while the dwarfs are valuable for bedding and edging plants.

SPRY. The most profuse blooming of all Marigolds. Extremely dwarf and compact, their maximum height being 9 inches and their spread 15 inches. Flowers are composed of a pincushion crest. Center bright, clear yellow and guard petals are a lovely contrasting mahogany-red. Pkt. 25c.

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.

MINIATURE, YELLOW PYGMY. Honorable Mention. All-America Selections, 1940. Light lemon yellow. Lilliput French double type, growing only 8 inches tall and compact. Small, 1¼ inches, blooms rather free. Excellent for edging and potting. Pkt. 10c.

GIGANTEA, FULL DOUBLE ORANGE. A distinct new color; flowers average 5 inches and over in diameter. Loosely formed, very full centered, with broad, heavy wavy petals which gracefully overlap. Color is a deep, rich, lively orange. And ideal cut flower. Height, 3 feet. Pkt. 15c.

GIGANTEA, FULL DOUBLE MIXTURE. Very showy, fragrant, and of exceptional size. Flowers are largest ever known in Marigold group, averaging 5 to 7½ inches. A mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Pkt. 10c.

CHRYSANTHEMUM MARIGOLDS. A new strain of Marigold Hybrids identical in form of flower with the lovely incurved Chrysanthemum. Plants are very floriferous and the stems are good and strong for cutting. A great advance in African Marigolds in orange, golden orange, and yellow. Pkt. 10c.

IDABELLE FIRESTONE. Flowers are fully double, 2 to 2½ in. across, bright reddish mahogany and borne on very long, clean stems. Plants are quite large and vigorous, often reaching a height of 3 feet and spreading as much across. Pkt. 15c.

AFRICAN TALL DOUBLE (Tagetes erecta). Very large globular flowers composed of compact tubular or quilled petals. The stems should be cut carefully to avoid the somewhat disagreeable odor when bruised. Height, 2½ feet.

Mixed Colors. Orange and yellow. Pkt. 10c.

HARMONY HYBRIDS (All-double). An improved Harmony type. Wide and varied range of striking color combinations embracing mahogany, orange and yellow. Flowers 1¾ inches in diameter with crested center and flanking guard petals. Very early and 100 per cent double. This is an exceptional improvement in medium-dwarf Franch type marigolds. Pkt. 25c.

DWARF FRENCH, DOUBLE, MONARCH STRAIN. Award of Merit, All-America Selections, 1934. An excellent variety for low borders. A very compact type, with large double flowers, in a wide range of colors, in combination of orange, bronze, yellow and mahogany.

Finest Mixed. Pkt. 10c.

SIGNATA PUMILA LITTLE GIANT. The smallest of all Marigold plants growing only 6 inches high with large golden yellow flowers. Pkt. 10c.

MARVEL OF PERU (See Four-o'clock)

MORNING GLORY (See Ipomoea)

MOSS ROSE (See Portulaca)

NEMESIA (ra)

This plant is excellent for edging purposes. Plants send up many slender stalks crowned with fairy-like flowers, something like the Schizanthus. When the flowers fade they may be trimmed back and will bloom again. Their colors run from the brightest reds, yellows, oranges, to the brightest blues and purples. Height, 6 to 12 inches.

COMPACTA TRIUMPH, FINEST MIXED COLORS. Pkt. 10c.

ANNUAL AND PERENNIAL FLOWER SEEDS

NICOTIANA, Flowering Tobacco (a)

Stately plants producing large, trumpet shaped, blooms until frost. Fine for beds and borders. Height, 2 to 5 feet.

AFFINIS HYBRIDS, MIXED COLORS. Pkt. 10c.

NIEREMBERGIA HIPPOMANICA (ra)

NIEREMBERGIA, PURPLE ROBE. Bronze Medal, A. A. S. 1942.

Nierembergia, Purple Robe, a very fine deep violet-purple shade, which maintains its deep color even in full sun and does not fade in the hottest climate. The plant is a neat compact extremely free-flowering one; is only 6 inches tall, with a mature spread of some 10 to 12 inches. A half-hardy perennial, Purple Robe blooms the first year from seed, but must be sown early indoors, for it takes 15 weeks from seeding to flowers. Pkt. 25c. See front inside cover.

NIEREMBERGIA, HIPPOMANICA. Identical in form to Purple Robe. Color lavender-blue. Being a lighter shade than Purple Robe it makes a pleasing border plant. Surround Hippomanica with Purple Robe as a margin or bordering plant. This combination presents a mighty pretty picture in the garden, or use either Hippomanica or Purple Robe to edge a bed or border of Yellow Pigmy Marigold. Pkt. 25c.

NASTURTIUM (a)

Few garden annuals respond with as little care as the Nasturtium. All they need is a moderately good soil, in a well drained, sunny position. And endless profusion of gorgeous blossoms.

INDIAN CHIEF. Indian Chief has dark foliage with vivid scarlet flowers. The blooms are sweet scented and freely produced. We recommend this variety. Pkt. 10c.

GOLDEN GLEAM. Plant forms a vigorous large bush which throws out short runners, averaging 18 inches. The sweet scented, large double flowers are golden yellow and average 2 to 3 inches across. Pkt. 10c.

SCARLET GLEAM. A sister of Golden Gleam. Its semi-double blossoms are similar in size and shape to those of the popular golden Nasturtium. Rich, dazzling scarlet. Sweet scented. Fine for cutting. Pkt. 10c.

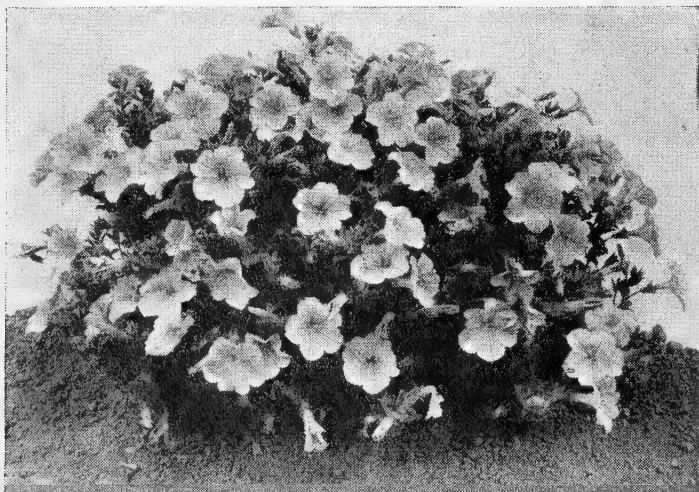
GLORIOUS GLEAM HYBRIDS. Award of Merit, All-America Selections, 1935. Delightfully sweet scented; double. Color range includes brilliant blend of salmon, golden yellow, orange scarlet, cerise, cream, orange, maroon and crimson shades, and many spotted varieties.

Mixed Colors. Pkt. 10c.

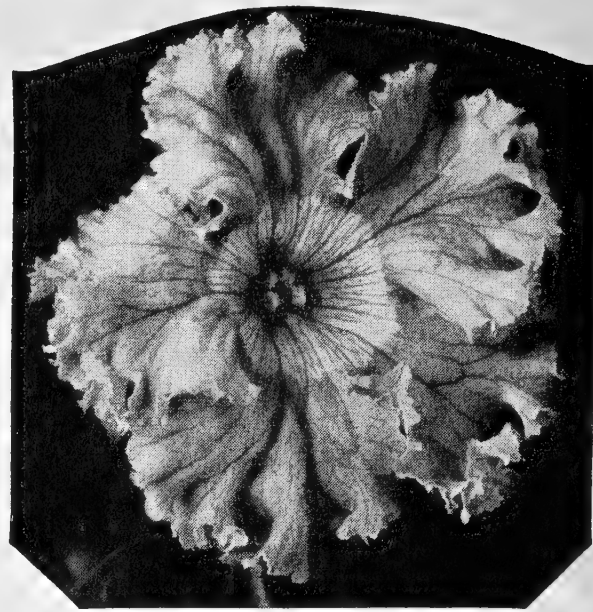
DWARF DOUBLE GOLDEN GLOBE. Award of Merit, All-America Selections, 1936. Vivid golden yellow, identical in color to Golden Gleam. Plants uniformly dwarf and compact, and bear great quantities of semi-double sweet scented flowers. Excellent for edging and window boxes. Pkt. 10c.

DWARF DOUBLE GEM MIXTURE. Novelty introduction, 1935. An evenly balanced range of colors on dwarf, compact gem-like plants. Ideal annual for border and edging use. Plants are dwarf and compact, totally without runners.

Mixed Colors. Pkt. 10c.



PETUNIA ROSY MORN



PETUNIA THEODOSIA

TALL OR CLIMBING NASTURTIUMS. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal their great quantities of bloom from early Summer until frost. The seed pods can be gathered while green and tender for picking. Height, 8 to 10 feet.

Finest Mixed. Pkt. 10c.

PETUNIA (a)

The seed may be started indoors early in the year in seed boxes and later transplanted or sown out of doors in the Spring. Cover very lightly and apply water with a fine spray. Be careful not to discard the smaller and weaker seedlings. From these the finest flowers are often obtained, the coarse growing plants frequently reverting to the common types.

CREAM STAR. Silver Medal, All-America Selections, 1940. Flowers shaped like a five-pointed star; soft creamy white, deepening towards the throat to a bright golden yellow. The compact habit of the plants makes Cream Star Petunia ideally suited for low beds. Plants bloom about 20 weeks after seed is sown. Pkt. 25c.

PETUNIA HYBRIDA NANA ERECTA. 1 foot. A fine type of petunia for small beds and borders; often used for pot culture. This petunia type holds its habit very well during the entire blooming season.

ROSY MORN. Soft rose-carmine-pink with a white throat. Dwarf growing and a luxuriant bloomer. Pkt. 15c.

HEAVENLY BLUE (Silvery Blue). Enchanting shade of light silvery blue. Mixes well with either Cream Star or Rosy Morn. Pkt. 15c.

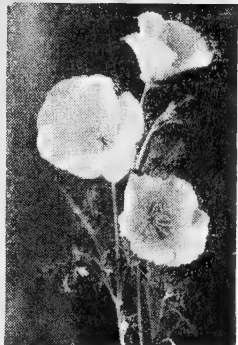


NASTURTIUM, GLORIOUS GLEAM HYBRIDS

ANNUAL AND PERENNIAL FLOWER SEEDS



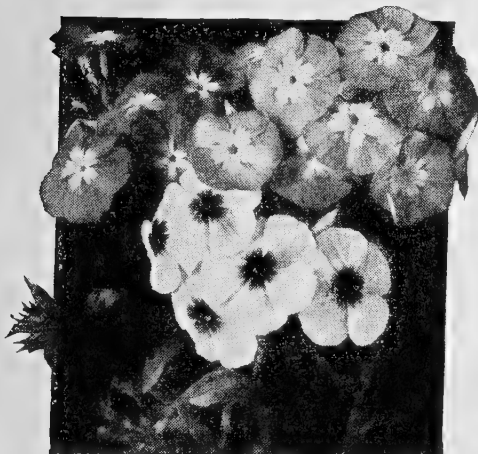
PETUNIA, ELK'S PRIDE



CALIFORNIA POPPY



ICELAND POPPY



ANNUAL PHLOX



SCABIOSA GIANT

PETUNIAS (Continued)

MIXED HYBRIDS. A very decorative show may be had by sowing these mixtures. All colors combine to make a very fine display. Pkt. 10c.

FLAMING VELVET. This is a very large grandiflora single type with plain edge identical to the erecta type hybrids. The color is luscious velvety blood red. Flaming Velvet is one of the most satisfactory petunias both for vigorous growth and beauty of color. Pkt. 15c.

SINGLE BALCONY PETUNIAS

A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc. The flowers average 3 inches.

DEEP BLUE. Certificate of Honor, Royal Horticultural Society, 1935. Pkt. 15c.

ROSE. Rich fiery rose. Pkt. 15c.

WHITE. Award of Merit, Royal Horticultural Society, 1935. Pkt. 15c.

Mixed Colors. Pkt. 10c.

GRANDIFLORA SINGLE FRINGED

THEODOSIA. Soft rosy pink with contrasting veined golden yellow throat. An outstanding variety in this class. Pkt. 25c.

ELK'S PRIDE. This is by far the finest, largest, darkest, and best velvety purple in the single fringed group of petunias. Pkt. 20c.

mense circular flowers for a long blooming season.

RUFFLED GIANTS OF CALIFORNIA

GLAMOUR. (See color illustration inside cover.) Glamorously lovely, this outstanding Petunia is a number one favorite with all who have seen it. A luscious shade of salmon rose, delicately veined brown in creamy open shallow throat, the five to six inch blooms have satiny petals heavily ruffled and unusually dainty. Plants develop to 2 to 2½ ft. A new color in this type of Petunia. Pkt. 25c.

SUPREME STRAIN. A new strain of rose and pink shades, light, richly-veined throats surrounded by satiny petals which are heavily ruffled. Large blooms, 5 to 7 inches in diameter, produced on strong, richly-foliaged plants. Excellent bedding variety; fine window box type. See illustration on front cover. Pkt. 25c.

DOUBLE VARIETIES

We offer the finest strain of double Petunias and suggest that seed be started indoors in boxes or pans. The small, crumpled seedlings will give the finest flowers.

CHOICE MIXED COLORS. Pkt. 35c.

PANSY, Heart's Ease (b)

When the bright hues of the Tulips and Daffodils have faded, the rich, deep and varied shades of the Pansies provide a welcome change in the flower beds. The varieties listed produce large blooms of good substance, regular markings, and full rich coloring. Low growing.

SWISS GIANT or ROGGLI. Within the last few years the blossoms of this strain have been remarkably improved in every way. The plants are compact in habit and they produce immense circular flowers for a long blooming season.

Finest Mixed. Pkt. 35c.

STEELE'S MASTODON. A vigorous Oregon type, particularly desirable for cutting as the plants are taller and have longer stems. Esteemed for bedding. A fine blend for bright effects.

Finest Mixed. Pkt. 35c.

POPULAR BEDDING MIXTURE. These are the popular saucy-faced beauties that everybody loves, comprising the finest varieties in all colors. Pkt. 25c.

PAPAVER (See Poppy)

PHLOX DRUMMONDI (a)

A valuable and showy annual highly esteemed for bedding, for massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in Spring.

GIGANTEA, RED GLORY. Here is the brightest color that we have ever seen in phlox. The color is a brilliant red with a large creamy white eye which seems to intensify the red into an unbelievable sharpness. Florets often as large as a half dollar. Pkt. 25c.

GRANDIFLORA. Comes in a grand mixture of fine colors. Pkt. 10c.

GIGANTEA ART SHADES. A new strain of annual Phlox with single florets as large as an inch and one-half in diameter. The colors are soft pastel shades, such as apple blossom pink, salmon, light blue, pale violet, etc. Pkt. 15c.

PORTULACA, Moss Rose (ra)

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Height, 6 to 10 inches.

DOUBLE MIXED. Pkt. 15c.

SINGLE MIXED. Pkt. 10c.

PINKS (See Dianthus)

POPPY, Papaver

Annual Poppies should be sown as early as possible in the Spring where they are to remain as they do not transplant readily. Mix the seed with builders' sand, using about 25 times as much sand as seed, then broadcast seed on surface of the ground and firm well. Plants should be thinned out to 6 inches apart for best results. Seed may be sown in rows also and in succession up to the middle of May.

SHIRLEY (a). Known as the Flanders Field Poppy of the World War. The plants with their deeply cut foliage, slender hairy stems, and silky petaled blossoms, often fluted, present an airy picture as they nod in the breeze. Height, 18 inches.

ALL-DOUBLE FLOWERED. Improved strain of all-double Begonia-type flowers. Range of colors from light pink to dark crimson with fair sprinkling of Picotee types in scarlet and vermillion shades. One of the most excellent flowers for mid-summer blooms and for cutting. Pkt. 10c.

SINGLE MIXED. A superb blend of this beautiful type of Poppy ranging in color from pure white through tones of salmon, pink, and rose to brightest carmine-red. Pkt. 10c.

ANNUAL AND PERENNIAL FLOWER SEEDS

NUDICAULE (p) (Iceland Poppy). A hardy Poppy slightly resembling the Shirley. Somewhat different in habit and contains many shades of yellow and orange. Height, 18 inches.

IMPERIAL JEWELS, MIXED. The finest strain of mixed colors in Iceland Poppies. The colors are well balanced. Large flowers grow on strong stems from 2 to 3 feet high. Pkt. 15c.

PYRETHRUM, Painted Daisy (p)

This plant is cousin to the Chrysanthemum and Matricaria and should play an important part in many a well planned garden. Height, 1 to 2 feet.

SINGLE MIXED. Radiating petals in many tones of rose and red about a golden center. Pkt. 10c.

RICINUS, Castor Bean (a)

Magnificent, tall, large-leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for large foliage groups and background. Height, 10 to 12 feet.

MIXED VARIETIES. Pkt. 10c.

RUDBECKIA, Cone Flower (a)

KELVEDON STAR. Deep golden yellow with deep mahogany zones, and dark brownish central disc. Long stems. Pkt. 15c.

SALPIGLOSSIS, Painted Tongue (a)

For delicate grace, richness of coloring, and velvety texture, the regal Salpiglossis has practically no equal. From a low base of leaves rise slender wiry stalks which bear one or more large Lily-like flowers in a magnificent range of colors. Height, 1 to 2½ feet.

SUPERB MIXED. Pkt. 15c.

SCABIOSA, Pincushion Flower (a)

These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are very popular. Seeds should be sown any time in the Spring after danger of frost is past.

SALMON BEAUTY. Pure salmon with huge flowers. Vigorous. The stems are long and stiff, making it a most popular flower for the garden or for cutting. Pkt. 15c.

IMPERIAL GIANTS, BLUE MOON. Honorable Mention, All-America Selections, 1939. An entirely different and improved flower and plant from the existing Scabiosa varieties. Fully double extremely large and deep. Petals broad, heavy, and wavy, entirely eliminating the pincushion center, rich deep lavender blue. Tall growing and very upright. Pkt. 15c.

GIANT HYBRIDS, MIXED. Pkt. 10c.

HARDY PERENNIAL VARIETIES

CAUCASICA. Giant Hybrids (Isaac House Strain). Fringed and ruffled, shades of blue from lavender to dark blue; very large flowers. Pkt. 15c.

SCHIZANTHUS, Butterfly Flower (a)

One of our finest hardy annuals. Of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of Orchids. Also useful as pot plants for late Winter and Spring; for this purpose sow in Autumn.

BUTTERFLY MIXTURE. Fine bright mixture, free flowering, compact pyramidal plants, 12 to 15 inches. Pkt. 10c.

SHASTA DAISY, Chrysanthemum Maximum (p)

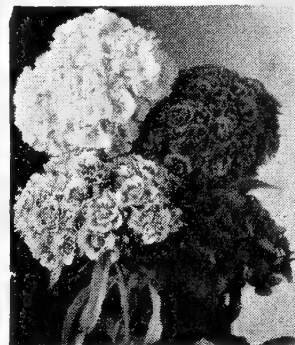
It is a hardy plant bearing large white, single blooms with handsome yellow centers. They are valuable for border decoration and especially pleasing in bouquets.

DIENER'S DOUBLE. A new Shasta Daisy of delicate double form. Diener's Double Shasta Daisy is of exquisite form, a strong grower and a welcome addition to this branch of the flower family. Pkt. 50c.

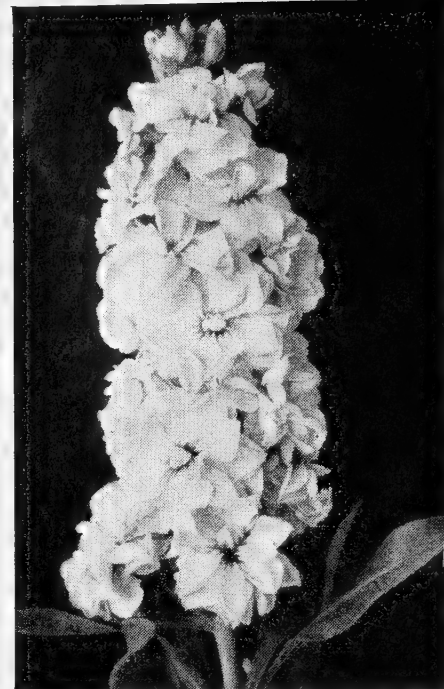
ALASKA. Pure white, extra large flowers. Excellent for cutting. Height, 2 feet. Pkt. 10c.



RED HOT POKER



SWEET WILLIAM



GIANT IMPERIAL STOCK

STOCKS, Gilliflower (a)

These popular flowers are easily grown, are so highly fragrant, and of such great beauty that they deserve a place in every garden. The Early Giant Imperial class are half-hardy annuals. Beauty Stocks are biennials, but if sown in early Spring will bloom the same year. They are also valuable for Winter forcing.

BEAUTY OF NICE. It follows the Ten Weeks class in season of bloom. The plants are pyramidal in shape, branching above the base. Excellent for bedding and cutting. Height, 16 in.

Finest Mixed Colors. Pkt. 10c.

GIANT IMPERIAL. Long stems and imposing spikes of large flowers make this the outstanding variety. It is about as early as Beauty of Nice and resembles it in habit, except that the plant is less spreading and taller. Height, 2 feet.

Yellow (Buttercup), Blood Red, Rose, Lavender, White. Each, pkt. 15c.

Finest Mixed Colors. Pkt. 10c.

SNAPDRAGON (See Antirrhinum)

STRAWFLOWER (See Helichrysum)

SUNFLOWER (See Helianthus)

SWEET SULTAN (See Centaurea)

SWEET WILLIAM, Dianthus Barbatus (b)

A well known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. Height, 10 to 20 inches.

NEWPORT PINK. Watermelon pink or salmony rose color. Very beautiful. Pkt. 10c.

Single Varieties, Mixed. Pkt. 10c.

Double Varieties, Mixed. Pkt. 10c.

TITHONIA

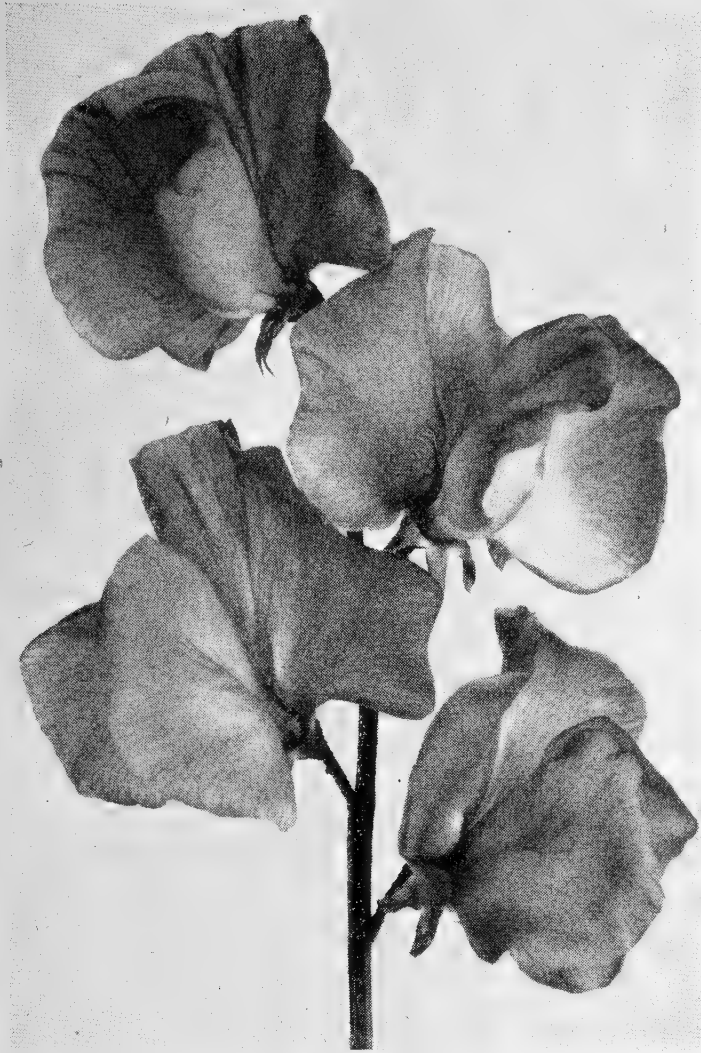
TITHONIA (Golden Flower of the Incas). Sometimes called Mexican Sunflower. We offer only the Speciosa Early Flowering strain. Color orange vermilion, large single flowers, strong heavy growth, attractive late summer and fall bloomer. Pkt. 15c.

TRITOMA, Red Hot Poker (p)

A perennial, not strictly hardy, but will live through the Winter with a protective covering of leaves or short manure; or the roots may be lifted and carried over Winter in sand in a cellar. Height, 4 to 6 feet.

Mixed Hybrids. Pkt. 15c.

SWEET PEAS



CULTURE OF SWEET PEAS

CULTURE—First and most important, plant as early in the spring as the conditions will permit. Seeds should be sown at the rate of one ounce to 15 feet. Make a trench about 3 or 4 inches deep, planting seeds in the bottom about 2 inches deep, pressing the soil firmly. After the plants are well up, thin to 4 or 5 inches apart and draw the soil around them until the trench is filled above the level. This gives a depth to the roots, preserving the moisture. Keep the ground well worked and water if needed, an occasional soaking down being better than a daily sprinkling. Keep the flowers cut close.

FALL SOWING OF SWEET PEAS—In warmer climates, fall sowing results in finer blooms, particularly where hot summers prevail and tend to dwarf growth and stunt flowers. You'll enjoy larger blossoms on longer stems through fall planting. In early October, plant in mellow, enriched soil, inoculating the seed with NITRAGIN before planting (see page 32). You may trench if you choose, but trenching is not necessary in warmer climates.

SPECIAL MIXTURE SPENCER SWEET PEAS

This is our special mixture and is a blend of all the most beautiful colors in Spencer Sweet Peas.

Pkt. 15c; oz. 50c; ¼ lb. \$1.75, postpaid.

GIANT SUMMER FLOWERING SPENCERS

ALL COLORS. Pkt. 15c; oz. 50c, postpaid.

PINK AND ROSE SHADES

PINKIE. Rose-pink with large and frilled flowers. This variety is seldom affected by weather conditions and first-class blooms can be cut all during its long blossoming period. Silver Medal.

CISSIE. A soft cream pink. Extra large flowers which bloom in abundance and have long stems.

LULLABY. Charming shade of light rose pink. A strong grower. Award of Merit. National Sweet Pea Society, 1934.

YOUTH. This Sweet Pea can be described as a white ground Picotee but with slightly deeper color on the edges than its predecessor in this group. Strongly perfumed.

PEGGY ANN. A late flowering variety of great beauty and distinction. A new and glowing shade of salmon pink. Most bewitching under artificial light. Delightfully perfumed. The stems are very long and stout with four huge blooms to a stem.

LAVENDER AND BLUE SHADES

AMBITION. Rich deep lavender, with a darker shade on the base of the standard and wings when young, lessening as the bloom ages. Gold Medal and Award of Merit.

POWERSCOURT. A clear pure lavender. Has been considered the best lavender for a number of years. It is still the most popular. The flowers are very pure in color.

THE ADMIRAL. Largest and best navy blue. The color is richer and deeper than Fortune. Award of Merit, Scottish National Sweet Pea Trials. Award of Merit, Royal Horticultural Society.

CHINESE BLUE. Chinese Blue is a solid, rich, deep blue without the objectionable fading out on the edges. The stems are long and bear four blooms throughout. Plants are strong and vigorous with a blooming season longer than that of the average Sweet Pea.

WHITE AND CREAM SHADES

SEXTET QUEEN. Pure white flowers of perfect form and of great substance. Normally produces five-flowered stems when grown under ordinary conditions. Black seeded. Award of Merit.

AVALANCHE. Immense glistening white flowers. The blooms are very frilled. White seeded.

WHAT JOY. Primrose, shading to cream. A charming tone and so far the nearest approach to a true yellow.

ORANGE AND SALMON SHADES

GEORGE SHAWYER. A giant orange pink, the standard showing more orange than the wings. The flowers are perfectly formed and nicely placed. Award of Merit.

SMILES. Clear glistening salmon, best describes this exquisite variety. The large flowers are beautifully waved and fluted. Award of Merit.

CERISE SHADES

MRS. A. SEARLES. Salmon-cerise, merging into a soft oriental-red. A remarkable and distinct color. No collection is complete without this beautiful Sweet Pea.

ARTISTE. Clear geranium pink; a rare color. Flowers are large and quite frilled. An outstanding Sweet Pea.

RED SHADES

RED BOY. The very best crimson. It is a first class Sweet Pea for all purposes, especially for general garden culture. Award of Merit.

WELCOME. By far the best and most brilliant, dazzling, scarlet Sweet Pea. For exhibition or gardens it is supreme. Absolutely sunproof. Silver Medal, Scottish National Sweet Pea Society.

RUFFLED VARIETIES

BONNIE RUFFLES. A rich delicate salmon-pink on cream. Pkt. 15c.

RUFFLED BURPEE BLUE. A very fine dark blue. Pkt. 15c.

RUFFLED CRIMSON. Rich velvety crimson. A beauty. Pkt. 15c.

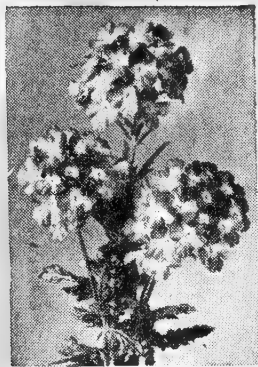
RUFFLED EXQUISITE. Salmon cerise. Pkt. 15c.

RUFFLED ORCHID. Rich lavender rose. Pkt. 15c.

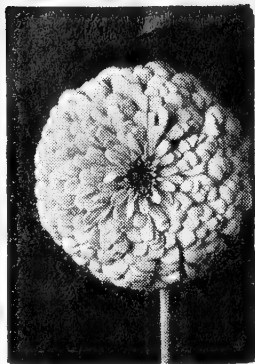
RUFFLED ROSE. A very rich rose. Pkt. 15c.

RUFFLED MIXED. A blend of the above colors. Pkt. 15c.

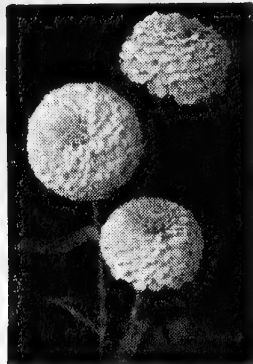
ANNUAL AND PERENNIAL FLOWER SEEDS



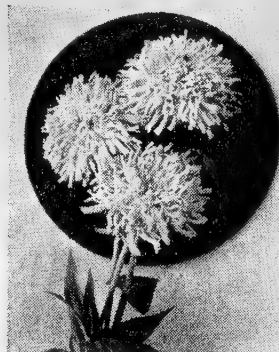
VERBENA



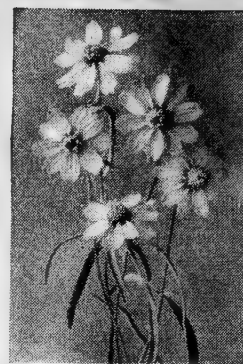
ZINNIA, CALIF. GIANT



ZINNIA LILLIPUT



ZINNIA FANTASY



ZINNIA LINEARIS

VIOLA, Tufted Pansies (a)

WALLER FRANKLIN FORMULA MIXTURE. This blend of bright gay colors far surpasses any mixture of Violas we have seen. Bright shades of self colors of red, yellow, blue, and apricot combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. Pkt. 25c.

VIRGINIAN STOCKS, French Forget-me-nots (ra)

Small red, rose and white flowers about $\frac{3}{4}$ inch across. Fine for edgings. For continuous display until Fall, several successive sowings should be made about two weeks apart. Height, 6 to 8 inches.

MIXED COLORS. Pkt. 10c.

VERBENA (a)

One of the most popular garden annuals for beds and massing and for a gorgeous display during the Summer months cannot be excelled, commencing to flower in July and continuing until frost. Height, 6 to 8 inches.

VERBENA HYBRIDA GRANDIFLORA CRIMSON GLOW. Flowers are pure, self-colored, glowing crimson, wholly without even a small light eye. Individual florets of good size, although not as large as some other colors, such as pink and lavender. Pkt. 15c.

FLORADALE BEAUTY. Special Mention, All-America Selections, 1937. A giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptional brightness. Individual florets of perfect form, fully rounded, and average $1\frac{1}{4}$ inches across; heads or trusses 4 to 5 inches across. Pkt. 15c.

HYBRID GRANDIFLORA GIANT, MIXED SHADES. Pkt. 10c.

ZINNIA (a)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the Summer and continue until frost.

DOUBLE DAHLIA FLOWERED. $2\frac{1}{2}$ feet. Enormous double flowers are produced by robust branching plants. The flowers usually have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges, giving the blossoms a crisp, fresh appearance.

WILL ROGERS. (See color illustration inside front cover.) Lovely, brilliant scarlet red. A recent introduction of very brilliant color, nice form. You'll like the color. Pkt. 15c.

CRIMSON MONARCH. Deep crimson, large flowers. Pkt. 10c.

DREAM. Deep rosy lavender. Pkt. 10c.

EXQUISITE. Light rose, deep rose centers. Pkt. 10c.

GOLDEN DAWN. Golden yellow. Pkt. 10c.

ORIOLE. Orange and gold bicolor. Pkt. 10c.

POLAR BEAR. White. Pkt. 10c.

SCARLET FLAME. Bright scarlet. Pkt. 10c.

MIXTURE OF ABOVE. Pkt. 10c.

CALIFORNIA GIANT ZINNIAS. This variety is taller than the dahlia flowered type, growing 3 to 4 feet, with long stems which make the flowers fine for cutting. Blooms are large and flat and very graceful for their size. We recommend California Giants to those who really enjoy zinnias. Improved since their introduction in 1926, they are now exquisitely beautiful in form and color. We offer this sort only in the mixed, believing that the blend of colors will please the most exacting flower lover. Finest shades mixed. Pkt. 10c.

FANTASY. A new Zinnia type. Shaggy, medium-sized flowers on plants $2\frac{1}{2}$ to 3 feet high. Free blooming. Excellent for cut flowers.

WILDFIRE. A rich, dazzling scarlet. Wildfire adds a distinct note of color and cheerfulness to the garden and will enliven any home when used in flower arrangements. Plants neat in habit, strong growing, and very free blooming; $2\frac{1}{2}$ to 3 feet in height; coming into flower 45 to 50 days after seed is sown. Pkt. 25c.

ORANGE LADY. A rich shade of deep bright orange. Medium sized flowers are shaggy and gay in appearance; a colorful spot of color in the garden and extremely desirable for cutting. Pkt. 15c.

STAR DUST. Silver Medal, All-America Selections, 1937. The lovely golden yellow variety in the popular Fantasy type Zinnias. Informal, shaggy-petaled, medium-sized flowers on plants $2\frac{1}{2}$ to 3 feet in height; stems of good length for cutting. Pkt. 15c.

FANTASY MIXED SHADES. Pkt. 10c.

LILLIPUT PASTEL MIXTURE. When we think of flowers for cutting, our minds automatically turn to the pastel shades. In this blend of tiny or baby zinnias are incorporated the very lovely soft shades of apricot, peach, creamy yellow, shell pink, delicate salmon, light rose and orchid which are prime favorites with florists, cut flower growers and those who grow and arrange flowers for the home. Don't fail to include a packet or two of this Lilliput Pastel Mixture with your order. Pkt. 15c.

TOM THUMB. These tiny flowered Zinnias have a charm the larger ones can never attain, and make a brilliant display. They come in attractive color combinations, red tipped gold, salmon and gold, with a hundred intermediate shades. All colors mixed. Pkt. 15c.

HOWARD'S GIANT CRESTED. A comparatively new Zinnia variety bearing mammoth flowers with rounded cushion-like center of quill-like petals. Mixed colors. Pkt. 25c.

Ranunculus

A DISTINCT ADDITION TO YOUR GARDEN

shades offered are greatly improved and come true to color because the fields are carefully rogued while in bloom. Ranunculus are easy to grow if you follow our cultural instructions supplied with every order.

RANUNCULUS, Giant Hybrids

We can supply either in straight colors or in mixture. Color selections are Red, Yellow, Golden Yellow, Pink, Orange and White shades. We send you complete cultural instructions with bulbs. Ranunculus are easy to grow and are very satisfactory as a perennial in the South and as an annual in the colder areas of the United States. Postpaid prices as follows:

MIXED COLORS. Mammoth bulbs, 85c dozen, \$6.50 per 100, postpaid.

STRAIGHT COLORS. Mammoth bulbs, \$1.00 dozen, \$7.50 per 100, postpaid.

Begonias, Tuberos

This very beautiful flower is now enjoying well earned and justified popularity. For many years most flower growers believed Begonias to be difficult of culture. Since this impression has passed the amateur flower grower has taken to Begonias with a vengeance. Plant them in the partially shaded spot in your garden. They will give you no end of pleasure from blooms from mid-summer until frost. Grow them as pot plants. Begonias are easy to grow with knowledge of just a few of the essentials of culture. Few flowers present the beauty in your garden that Tuberos Begonias will. We supply you with cultural instructions so that you will be sure to succeed. Be sure to indicate colors and types you desire. Bulbs ready for shipment in January and February.

GIANT SINGLES. White, Yellow, Rose, Salmon, Scarlet, Pink.

GIANT FRILLED. (Same assortment of colors as above.)

GIANT CAMELLIA DOUBLE. (Same assortment of colors as above.)

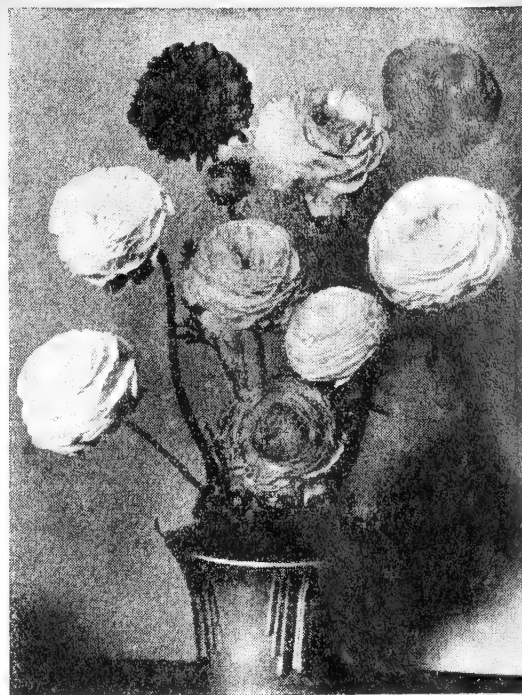
Postpaid Prices (large bulbs), each 35c, dozen \$3.50.



GIANT CAMELLIA BEGONIA

● ANEMONE, St. Brigid

Bulbs available in fall and winter months and early spring if stock is available late. Anemone St. Brigid can be grown in practically all parts of the country. In cold sections spring planting is advised. In the South fall planting is desired. They are splendid for growing indoors in pots during the winter. We supply only in mixed colors at 85c dozen, \$6.00 per 100, postpaid.



RANUNCULUS



ST. BRIGID ANEMONE

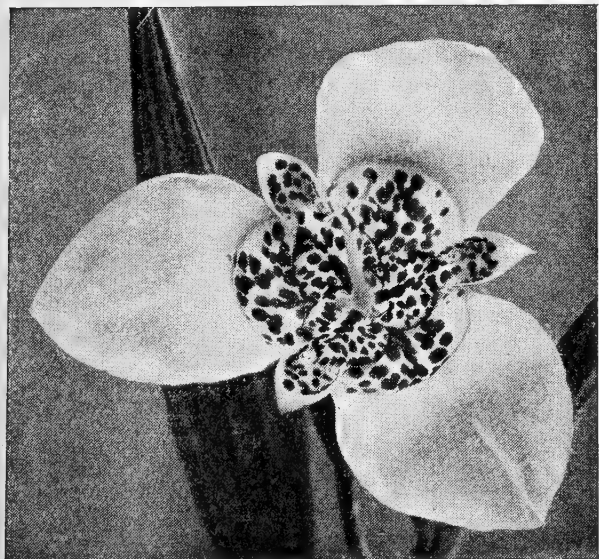
April 16, 1943.

Gentlemen: Last October I planted Ranunculus that came from you. They were up in a short time. We had several freezes as low as 10 to 15 degrees. I made an attempt at covering them. They withstood the cold and are now a profusion of bloom.

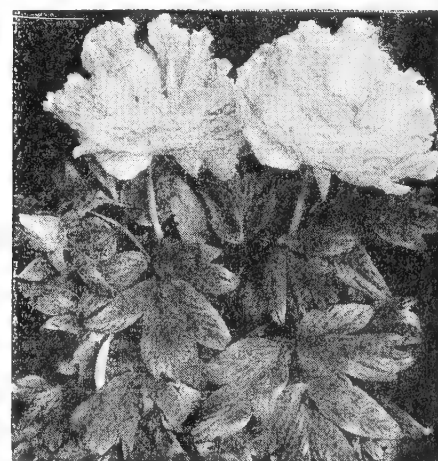
HELEN HALL,
3411 Swiss Ave.,
Dallas, Texas.

● TIGRIDIA

MEXICAN FLAME FLOWER. Wilson's improved strain. Tigridia is a species of iris—a half-hardy bulb—whose ancestral home is in Mexico. It is said that a roving botanist discovered the first Tigridia growing on a high plateau in that country about the year 1790. They had become almost extinct, having been dug for food purposes by the Indians of that locality. The gorgeous blossoms bring into the garden something of the splendor of the tropics. Three sicken petals, richly colored in various shades of scarlet, rose, yellow, orange or white, surround a curiously spotted cup of contrasting maroon or blood red. Tigridias develop several blossoms from one bulb. Any good garden soil in any part of the country will grow Tigridias. They require plenty of moisture and thrive in a soil well supplied with humus. Bulbs are planted 4 to 6 inches deep after the soil becomes warm. Do not plant too early but wait until the ground is warm. In colder sections dig the bulbs in the fall and store in a dry, cool place for the winter, re-setting again in the spring. Bulbs available in March, April and May. **Jubilee Mixed Tigridias** (Mixed Colors), 3 bulbs 60c, per dozen \$2.25, postpaid.



TIGRIDIA



● PEONY ROOTS

(Available in Oct., Nov., Dec.)

ALBERT CROUSSE. Fresh salmon-pink delicate color. 85c each, postpaid.

COURONNE D'OR. One of the best whites, medium height, large flowers. 85c each, postpaid.

OFF. RUBRA PLENA. The old-fashioned very early, brilliant red. Never excelled for brilliance. 90c, postpaid.

FRAGRANT. Cherry red of good form and substance. Brightest of the reds. 90c, postpaid.

SENSATIONAL NEW THREE SUPERB NEW PATENTED GLADIOLUS

Believing that the greatest thrill in gardening comes from new and distinctly sensational flower varieties, we list for the first time this year, three of Carl Salbach's newest and finest varieties. True, the prices are high, but try them even though you can afford but a few bulbs. Get a start this year. Enjoy the finest in glads.



CALIFORNIA (Salbach 1939)—Sold under protection of U. S. Patent No. 359. An immense deep geranium pink that is simply breath-taking. Almost a self color, except for a slightly deeper pink blotch in throat. Blooms are well expanded, of heavy substance and slightly ruffled. Winner of many national awards. Won first prize at World's Fair, on Treasure Island as best single spike pink in mammoth class, also first for best three spikes. **Large bulbs, each 30c; 6 for \$1.50; 12 for \$2.40; postpaid.**

HELEN OF TROY (Salbach 1939)—Sold under protection of U. S. Patent No. 357. A mammoth gladiolus in a very pleasing shade of apricot and pink. Tall and stately, long straight flower spikes with six to eight wide open blooms, open at once. The color is a soft light apricot-buff with soft blotch of Indian orange on lower petals. Florets from 7 to 8 inches in diameter. Won many first prizes, among them first prize at the Eastern New York 1940 show for the best in its color-class. Prices same as California.

GRAND OPERA (Salbach 1938)—Sold under protection of U. S. Patent No. 280. Definitely one of the most sensational gladiolus ever offered, for it not only sets a new standard for size, but has beautiful form, as well as an appealing color. Florets have reached 8½ in. in diameter. Even the tip buds are large and resemble a splendid rose bud. Grows from 5½ to 6½ ft. high. The color is between LaFrance and geranium pink, soft, but very clear in tone. A magnificent big gladiolus that isn't in the least coarse. **Large bulbs, each 45c; 3 for \$1.20; 12 for \$4.00; postpaid.**

POPULAR STANDARD GLADIOLUS

ALBATROSS (Pf.) Unquestionably the clearest white gladiolus ever introduced. Grows 5 ft. tall. Has good substance and opens five or six large blooms at a time.

BETTY NUTHALL (Sal.) A glowing orange pink, with a light yellow throat, and a light feathering of carmine. The florets are often 6 inches across and are of splendid substance and placement.

DR. F. E. BENNETT (D). The popular, well known fiery red. One of the most brilliant scarlets grown. Fine large flower.

KING ARTHUR. One of the most unusual glads in existence. Beautiful and immense heavily ruffled rosy-lavender blooms of a distinct form and shade.

LA PALOMA (Dus.) Heavy textured, deep rich orange. Stands sun and rain better than most oranges. Tall, strong, healthy grower.

PICARDY (Palmer). Color, soft apricot pink with a silvery sheen, feathering of slightly deeper color in the throat. The individual florets are extremely large, slightly ruffled and of a heavy waxlike substance.

Above varieties, 4 for 25c, doz. 65c, postpaid.

AVE MARIA (Pf.) Large flowering. Light blue with small purple blotches. Excellent facing and remarkably good spike.

COMMANDER KOEHL (Pf.) Large dark scarlet red, without markings or blotches. Individual florets 6½ inches across, of which there are six or seven open at a time.

DREAM O' BEAUTY. Large rose red. A good color and strong grower. One of the finest in this shade.

MINUET (Coleman). Wonderful clear lavender. A lavender by which all others are judged. Six or seven wide open florets open at a time. Arranged perfectly on straight spike.

WURTEMBERGIA. Immense fiery scarlet with cream white throat. Spikes very tall and always straight. The most brilliant red.

Above varieties, 3 for 25c, doz. 85c, postpaid.

BEACON (Palmer.) Clear bright rose-scarlet with a large cream blotch; medium large, slightly ruffled, 8 to 10 open on a very tall straight spike.

J. S. BACH (Pf.) Salmon with white midrib. A wonderful exhibition variety with as many as eight florets open on all spikes. One of the largest of the early blooming Gladiolus. Good propagator.

LA FIESTA. Fine, long tapering spikes of rich orange blooms. Up to ten good sized well faced florets open at a time. Good propagator.

MOORISH KING (Pf.) Extremely large and the most beautiful deep velvety red individual flower ever seen in this color. Flowers are unusually well placed. Blooms late. 15c each.

SHIRLEY TEMPLE (Pruitt). Creamy-white with a darker throat. Individual florets over 6 inches across, with 6 or 7 open. Splendid grower.

Above varieties, 2 for 25c, doz. \$1.25, postpaid.

TIP-TOP GLAD MIXTURE

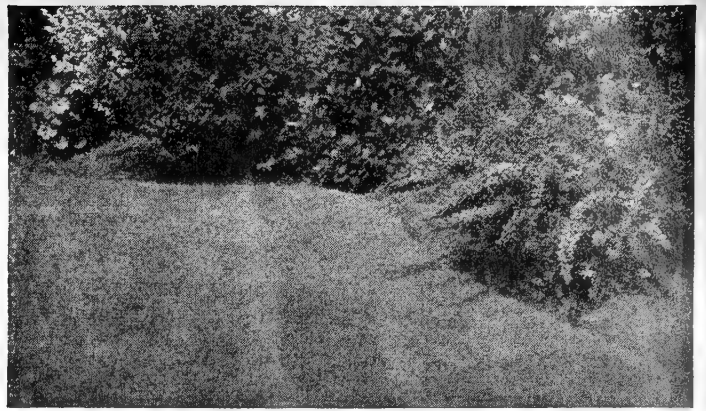
In this mixture we give you only the choicest of varieties at a price that will permit of volume buying. We assure you an assortment of the latest sorts and finest colors. Prices, postpaid, 40c doz., \$3 per 100.

for Finer Lawns, sow
Monarch

TESTED LAWN SEED

Monarch
VELVETY
LAWN GRASS MIXTURE

THIS PERFECTLY BLENDED LAWN GRASS MIXTURE WILL GIVE YOU A LAWN YOU CAN MOW IN SIX WEEKS FROM PLANTING. VELVETY LAWN Grass Mixture is a combination of grasses and clover mixed in such proportions as to give you a quick, sturdy and beautiful lawn. The faster growing grasses contained in Velvety Mixture serve as nurse crops for the slower growing varieties which are eventually the dominating grasses of the mixture. We placed Velvety Mixture on the market many years ago and from time to time have improved the blend by reducing some of the proportions and increasing the quantities of better grasses contained in the mixture until now in our IMPROVED VELVETY MIXTURE we have a grass that pleases wherever it is planted. Rate of seeding is 1 lb. to 250 sq. ft. **Price, lb. 85c (by mail 95c).**



Monarch
SHADY
LAWN MIXTURE

It is difficult to grow a lawn under the shade of trees unless shade-loving grasses are selected. We have made up a mixture of such grasses in combination with White Dutch Clover. This mixture will produce a luxuriant lawn beneath the shade of trees. Our Shady Lawn Mixture will solve that "shade problem" and give you just the turf you have always wished for. Shade-loving grasses dominate this mixture insuring success in your efforts to get grass started under shade trees. Rate of seeding is 1 lb. to 250 sq. ft. **Price, lb. \$1.00 (by mail \$1.10).**

STRAIGHT LAWN SEEDS

CREeping RED FESCUE. This is the lawn grass you'll hear much about as time goes on. Creeping Red Fescue combines the close growing qualities of Bent Grass with the dark green colors of Fescue. The grass blades are very fine texture, and the grass most sturdy and hardy. The finer lawns of the future will be planted to Creeping Red Fescue because of its enduring beauty and ruggedness. Red Fescue is not susceptible to brown patch and fungus diseases that attack Bent Grasses. **Per lb. \$1.10, postpaid.**

HIGHLAND BENT GRASS. For the finer lawns use Highland Bent. Particularly adapted to interior regions. **Per lb. \$1.50, postpaid.**

CHEWING'S FESCUE. A valuable grass, Especially good in shady places. Produces an upright turf of very fine texture. **Extra Fancy Seed, per lb. 90c, postpaid.**

KENTUCKY BLUE GRASS. We offer this grass seed in three grades, all of extra fancy quality, re-cleaned, free of weeds and high in germination. **Extra Fancy Seed, per lb. 85c, postpaid.**

WHITE DUTCH CLOVER. Extra fancy seed, free of weeds, of high germination. **Per lb. \$1.40, postpaid.**

BEWARE of LAWN MOTH (Sod Webworm)

The damage by lawn moth grubs is no doubt the greatest factor in unsuccessful lawns. The adult of this worm is a night flying moth which on warm summer evenings will completely cover the lawn in some districts. These adults deposit eggs in the grass. Here they hatch in a few days into a grub. This grub is a whitish-brown worm with a bright dark brown head. Immediately after the grub emerges from the egg it enters the soil, where it feeds on the roots of the grass; and being possessed of a very large appetite it devours a huge quantity of grass roots daily. An army of these grubs that set to work in a lawn will cause large spots to die out all over it in a very few days.

There has been a tendency in the past to liken this damage to "brown patch" (a well-known grass disease), to lack of water, and, or to insufficient fertilizer, therefore, adding to the damage, fungicides have been applied, fertilizers have been spread on, the lawn reseeded and the grass has been drenched with water to no avail. A simple cure for this devastating grub is **BARFOOT ROTENONE SPRAY**, listed on page 42. For further data on the control of lawn moth please write us. Free literature will be sent you without cost.

Weed your lawn
 with
LAWN SINOX

Sprayed on your lawn in diluted form LAWN SINOX destroys

weeds, including dandelions, crab grass, chickweed, plantains, yarrow moss and many others without permanent injury to the grass. LAWN SINOX has been thoroughly tested and is recommended by leading Agricultural Colleges.

To you who are trying to save your lawn from being over-run by weeds and who have spent countless hours hand-weeding, we recommend LAWN SINOX. The simplicity of application saves many hours of back-bending labor.

ECONOMICAL To Use

1 pt. (covers 1000 sq. ft.)	\$1.25
1 qt. (covers 2000 sq. ft.)	\$2.00
1 gal. (covers 8000 sq. ft.)	\$5.50

Priced F. O. B. Medford.

KILLS WEEDS WITHOUT PERMANENT INJURY TO GRASS!

MISCELLANEOUS PLANTS

WE GUARANTEE ONLY STRONGEST PLANTS WILL BE SUPPLIED ON ORDERS. IF INTERESTED IN LARGER QUANTITIES PLEASE WRITE FOR PRICES.

Strawberries

We offer only inspected plants. This is your insurance against diseased stock.



NEW GEM. This is an exceptionally fine improved strain of strawberry; produces exceptionally fine flavored fruit. An everbearer with very firm, good flavored fruit. Fruit of good size and very uniform. Yields the first season after setting. You shouldn't pass up this berry as it is a winner. Prices postpaid. 25 plants for \$1.25, 100 plants for \$3.50. Write for quantity prices.

ROCKHILL EVERBEARING. The newest strawberry grown. Distinctly flavored. Bears a large attractive berry about the size of Mastodon. Its flavor is superb. Produces from early spring to late fall. We have eaten Rockhills picked on Armistice Day and enjoyed their rich flavor in spite of the lateness of the season. Does not produce runners so objectionable to the grower. It spreads by crown development. The energy employed by other kinds of berries in producing runners and nourishing plants at a distance is kept at home with Rockhill. This habit accounts for the quick and abundant fruit production of Rockhills. Place orders early as Rockhill plants are never plentiful. Prices postpaid: 25 plants \$3.75, 50 plants \$7.00, 100 plants \$12.50. Write for quantity prices.

ASPARAGUS (Washington Pedigreed). A new rust-resistant Asparagus. As a standard variety for the production of fancy Asparagus for the home or market, it stands ahead of all others in size, vigor, tenderness, quality and rust-resistance. Doz. 60c; 100 plants \$4.00, postpaid.



Potatoes

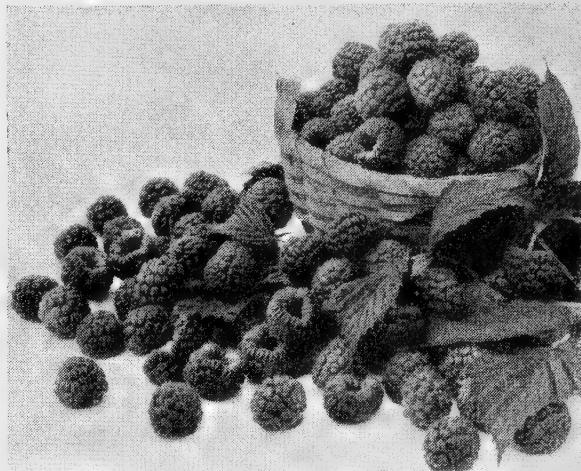
U. S. D. A. CHIPPEWA. We introduced Chippewa four years ago and it is still gaining in popularity and favor. Heavy yielding, early, white skin and flesh. Chippewa has good size and shape. It is likewise highly resistant to mild Mosaic disease which destroys many varieties during growth. An excellent cooker. 10 lbs. \$2.00, postpaid to 3rd zone. Write for quantity prices.

EARLY BLISS TRIUMPH. Tubers of handsome appearance, being almost round with slightly depressed eyes, mostly at the seed end. Run very uniform as to size and shape. Heavy cropper and good flavor. We offer only certified seed as a protection against mild Mosaic disease which often reduces yields 50%. 10 lbs. \$1.50, postpaid to 3rd zone. Write for quantity prices.



U. S. D. A. HOUMA. Developed by the U. S. Department of Agriculture. New Houma is very similar in appearance to Chippewa but it grows more erect and matures a little earlier. Highly resistant to mild Mosaic and virus diseases and withstands heat and drought remarkably well. Yields are large and cooking quality "can't be beat". Prices same as Chippewa, above. Write for quantity prices.

EARLIEST OF ALL. This is one of the finest potatoes on the market but unfortunately it has been mis-named. It is not the earliest of all, for it matures and is ready for market later than Early Bliss Triumph and Chippewa which are, aside from Houma the earliest of our varieties. Earliest of All is white skinned with creamy-white meat. Price same as Irish Cobbler. Write for quantity prices.



RED RASPBERRIES

CANE BERRIES

CUTHBERT (Raspberry). This is the leading red raspberry. Strong and abundant bearer. Berries large, a beautiful deep crimson possessing a most pleasing flavor. Easy to pick and holds up well in shipping. Fine for home use or shipping. Transplanted plants 15c each, 10 for \$1.35.

ST. REGIS EVERBEARING (Raspberry). Commences to bear early. Ripens early in the season. Large, well-flavored berries and continuous producer until frost. Transplanted plants 20c each, 10 for \$1.75.

LATHAM (Raspberry). A fine red raspberry. Grows to a large size, extra fine for canning, also for commercial growing. The favorite of many berry growers. Same price as Cuthbert.

THORNLESS BOYSENBERRY. The standard Boysenberry has been severely criticized for its pronounced thorniness and most all will agree that a smooth caned Boysen would be a valuable improvement. Now we have it with all the quality of the original. 50c each, 5 for \$2.25. Transplanted plants, not yearling tips.

THORNLESS YOUNGBERRIES. Plant the wonderful new Thornless Youngberry, superior to the parent thorny type only to the extent that the hard punishing thorns have been eliminated. In flavor and quality there is little difference. 35c each, 10 for \$3.00. Strong transplanted plants.

OREGON CHAMPION GOOSEBERRIES. Large, skin light green with flesh very sweet, juicy, excellent flavor. Very prolific bearer and will not mildew. 35c each, 10 for \$3.00. Heavy 2-year plants.

THORNLESS LOGANBERRIES. Fruit long, dark red, flavorful. Free of thorns, fine canner. Ripens in May. 40c each, 10 for \$3.50.

CHERRY CURRANTS. The largest of all red currants; berries sometimes more than half-inch in diameter; bunches short; plant very vigorous and productive when grown on good soil and well cultivated. 30c each, 10 for \$2.75. Large, strong plants.

PERFECTION CURRANTS. Bright red, and of a size larger than many. One of the most productive currants. Rich, mild, sub-acid flavor and having plenty of pulp with few seeds. Same price as Cherry Currant.

HIMALAYA (Blackberry). This is an exceptionally fine strain. Comes earlier than Evergreen. Good for home use or for selling on the fresh fruit market and to canneries. 25c each, 10 for \$2.00.

THE BERRY WITH A JOYOUS "NEW" FLAVOR

KING NECTARBERRY



From time to time new things appear among the plant family; many to enjoy short-lived popularity while occasionally a new variety is brought into being which, by its true quality and merit continues to grow in favor. Nectarberry, introduced for the first time in 1937, has proved one of the sensationally new berry varieties and is steadily gaining in popularity by reason of its prolific production of large fruit, and a distinctly and pleasingly new berry flavor.

Nectarberries are of mammoth size (larger than Boysenberry) with particularly large juice cells or drupelets. The flavor is pleasing, carrying the tang of Youngberry and the pleasing taste of Raspberry. Nectarberries begin ripening about two weeks after the first Youngberries and vines will be completely loaded with ripe and partially ripe berries and bloom. Nectarberry produces about ten days to two weeks longer than Boysenberry. They have less acid and can be enjoyed by diabetics. Berries are very dark wine color, almost black when ripe. Almost seedless.

Nectarberry is somewhat sweeter than Boysenberry and is preferred by those who do not like the sour flavor of many berries. As to size, many berries run 1 1/2 and 1 3/4 in. long and an inch through; many larger. To those who have enjoyed the Nectarberry and have compared the flavor with Youngberry and Boysenberry, opinion is unanimous as to the superiority of Nectarberry.

Nectarberry has proved hardy under both drought and cold. Vines that were forced to go without water for long periods continued to bear nearly as well as those that were frequently irrigated. Wintered successfully in Michigan, Montana, Ohio, Washington and New York without injury though not mulched. A good shipper, excellent for quick freezing. Fine for jam or jellies and without peer as fresh fruit with cream. Very few and small seeds to annoy and no noticeable core. The thorns of Nectarberry are small and not objectionable, certainly not as "mean" as most berries of the thorny variety.

Our plants come to us from a dependable grower in Southern Oregon who has made the growing of berries his main endeavor. We guarantee strong, true-to-type plants in 1-year tips. Demand will be heavy so do not delay ordering. Supply is limited for this year. Prices are f.o.b. Medford, Oregon. Plants will be carefully packed to insure safe arrival.

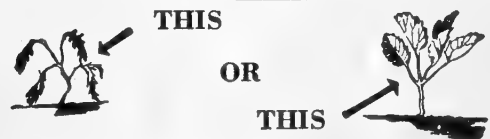
NECTARBERRY PLANT PRICES

(We prefer to ship by express.)

1-yr Tips, 1 to 5 plants, each	60c
1-yr. Tips, 6 to 10 plants, each	55c
1-yr. Tips, 10 to 50 plants, each	50c
1-yr. Tips, 50 to 100 plants, each	45c

NOTE: If ordered by mail add postage. Plants weigh approximately 1 lb. each. See Postal Rate Schedule on page 22.

WHICH DO YOU WANT ?



The hormones and vitamins (B, and others) found together only in

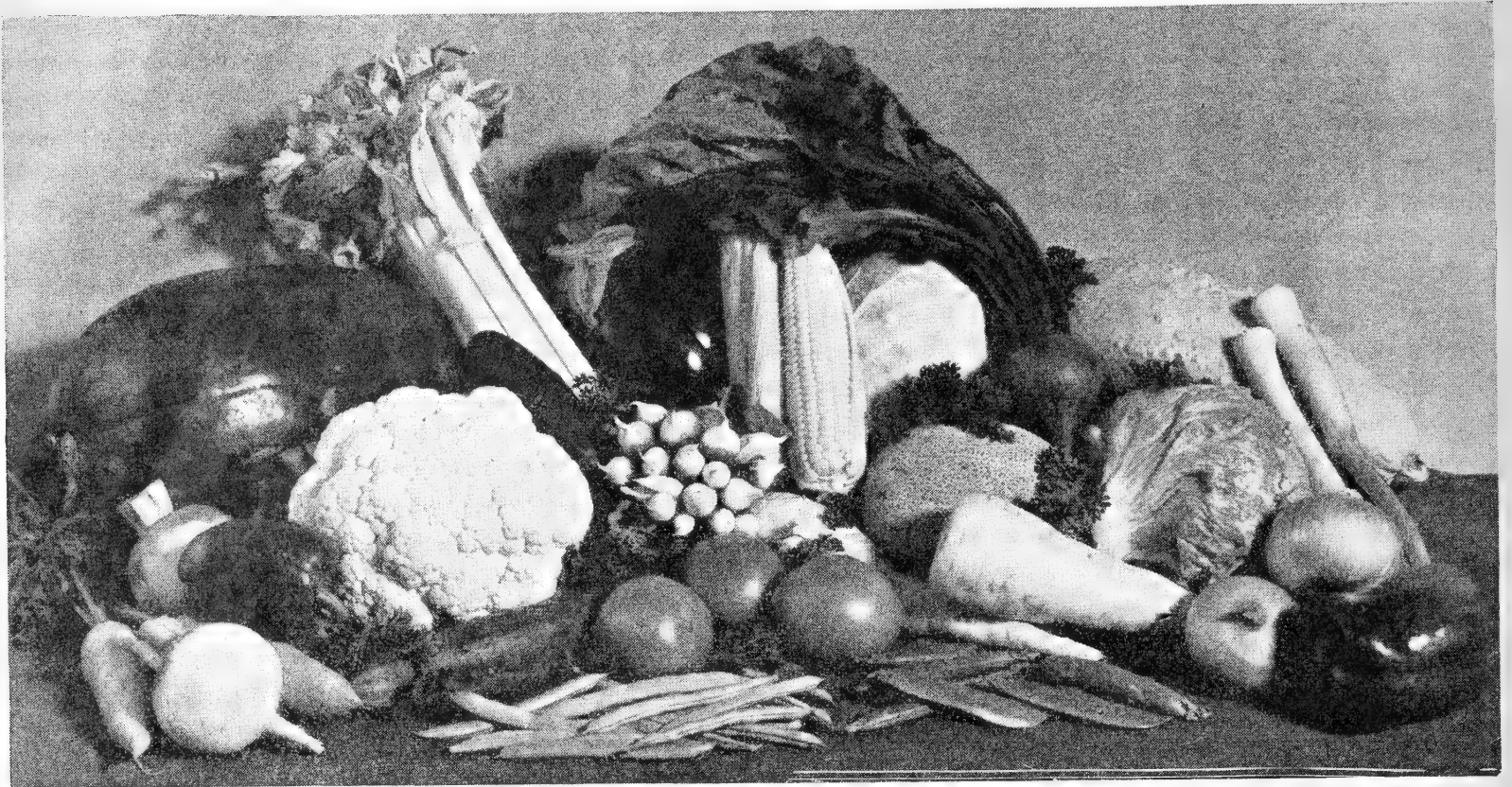


THE HORMONE-VITAMIN POWDER

Stop the shock and wilt usually inevitable after transplanting all kinds of plants. Simple, Safe, Economical to use. 1/2 oz. packet 25c, 1 oz. can 50c, 3 oz. can \$1.00, 1 lb. can \$4.00.

YOUR VICTORY GARDEN

Should Be Practical



A PRODUCTIVE VICTORY GARDEN is one more contribution you can make to the war effort. If it is well planned it will yield a large variety of fresh vegetables for your table.

Work out a complete plan of operation before you buy any seed or do any outside work. Be sure the vegetable garden will be in full sun more than half of the day.

Short beds are an advantage. They take less time to care for properly, therefore making a greater showing of accomplishment.

Outline the entire garden, including the paths and beds, with stout string fastened to stakes to make planting easier. Then place stakes for the first row and stretch a line between them. Repeat this before planting each row so it will be straight and all rows will be the correct distance apart.

Be sure your garden plot has good drainage. Standing water will ruin plants. There should be some protection against strong winds.

Essential tools you will need are spade (or fork), hoe, rake, and a small hand duster or sprayer.

A "spring gardener" lets his work go with neglect as soon as the weather is warm. So make a good start and keep going all season by doing a little bit each day. That is the advantage of the short row—it is never discouraging.

Remember the soil in your garden is a part of the arsenal of democracy.

We have the best seeds you can obtain. They are selected for high germination and purity through constant testing and selection.

LOCATION—PREPARING THE SOIL

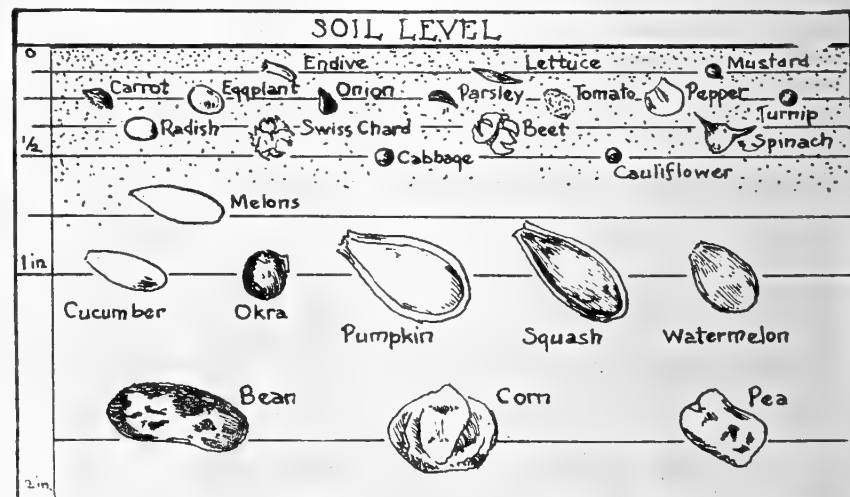
Exposure for the vegetable garden should be sunny. No common vegetable will grow under trees, or in the shade of buildings—only a few herbs will thrive under such conditions.

The garden should be as open and as sunny as possible. Sometimes buildings on adjacent lots may shade the garden

a little, but if the sun reaches the soil at least half of the day, you will be able to grow most any vegetable you desire.

Plan the vegetable rows to run from north to south. This direction gives the most benefit from the sun. Another way is to plant the taller kinds behind so that they never shade the small ones.

Good Soil is as essential as sunlight to growing plants. Most soils will grow vegetables, or can be made suitable by thorough, deep spading and liberal applications of manure, peat or other humus material at that time. Dig as deep as the spading fork or spade will go, forcing it straight down before lifting and turning the soil over, breaking up all clods. Grass may be turned under to rot and make humus, but the roots of perennial weeds, like dandelions and thistles, should be removed. Throw out all large stones, building refuse and other material detrimental to growing plants.



WHAT AND HOW TO PLANT

In selecting vegetables to plant include the ones your family should eat as well as the kinds they like. A well balanced diet is most important and should include green vegetables, yellow vegetables, leafy vegetables, root vegetables, and tomatoes.

Leafy or green vegetables for crisp salads. These are rich in vitamins and minerals.

Root vegetables, beets, carrots, turnips and onions, all rich in health-giving vitamins.

Vine vegetables—peas, beans, cucumbers, on the fence or trellis. The heavy-fruited types, like vine squash, and pumpkin, should be grown on the ground as always, among the corn to save space.

Flowers to compliment the vegetables. Morale does not stop with the stomach. Flowers for the house, fresh from the garden, are essential. Plant them, as shown, on the plan to make the view from the house attractive and colorful.

SOW SEEDS AT RIGHT TIME

Sow seeds at the proper season and avoid waste. We have the highest quality seeds available.

Work down the top soil with a rake until it is level, fine and in perfect physical condition, before attempting to plant seed.

Seed should be sown thinly in shallow rills, made with a stick as shown in the sketch. To make the rows straight, follow a line of string stretched between stakes placed at either end of the row. The depth of this rill depends on the variety sown. Check with the depth of planting chart on page before sowing seed.

Seed may be sown directly from the packet, or by rubbing a pinch of seed between the thumb and the first two fingers. This latter method gives a thinner distribution of the seed. Small seeds should not be thicker than 10 to the inch. Sow one row at a time and after each row, cover the seed lightly, touching the loose soil with a rake. Place the board used for walking between the row on top of the sown seed and walk across it to firm the soil for better germination.

Treatment of the seed with "Cuprocide" will eliminate a great deal of damping off, and rotting of the seed after sowing, especially if sown during the wet weather.

If the soil is moist, but not wet, at the time of sowing, watering will not be necessary before the seedlings are up. If it dries out, however, sprinkle carefully so as not to wash out the small seedlings.

USE PLENTY OF GOOD FERTILIZER

Fertilizers are very important. The food value of garden vegetables for human consumption depends greatly on their mineral content, derived from the soil. The vitamin content depends on the vigor of growth and the abundance of sunlight. Therefore, the fertilizing of the soil is important to insure vigorous growth and healthy mineral and vitamin-rich vegetables. A good practice is to spade commercial fertilizer, balanced to supply the necessary proportions of nitrogen, phosphorus and potash. Later in the season, applications of fertilizers in small doses, as side dressings, keep vegetables in active growth. Ask us for special fertilizer formulas for vegetable gardens.

WATERING IS IMPORTANT

Watering will be necessary during the growing season. It should be done early enough in the day to evaporate drops of water from the leaves before nightfall. Water generously, soaking the soil deeply each time, rather than by quick "sprinkles" with the hose. In this way, the roots will grow deep, feed better and be protected from drouth, in case watering is missed during a hot dry spell. Once every week or ten days should be ample for most soils. No rules can be formulated to determine the necessity of watering. Observation of the soil, and testing with a shovel, will best determine when to water.

CULTIVATE OFTEN

To conserve moisture and promote growth of plants, give a complete cultivation of the surface soil the day following each rain or watering. Be careful not to go deep in the soil, else the roots will be injured. Most plants benefit by frequent and regular cultivation. Beans and peas, however, need only a light cultivation until they begin to set flowers, when further cultivation may cause the buds to drop and reduce the crop.

SPRAY AND DUST FOR PESTS

Insects and diseases may infest the vegetable garden but may never become a serious problem if one watches for evidence of damage and takes prompt action. Sprays and dusts are available in convenient packages to combat every garden pest. When spraying cover all parts of the plant and both sides of the leaves. Do a thorough job promptly and avoid a serious infestation.

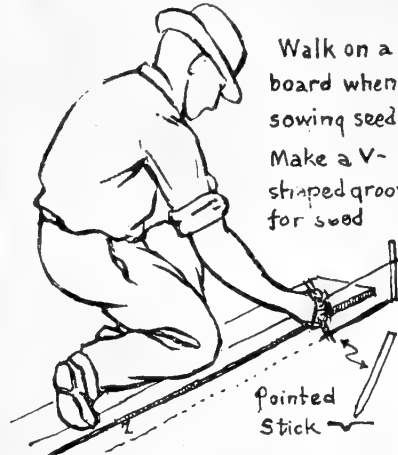
SPADING THE SOIL - This operation may be done as soon as the ground is workable in spring or fall and allowed to lie idle until spring. Turn over soil, break clods, remove sticks, stones, and perennial weed roots.



Push fork straight down full depth.

Manure or fertilizer

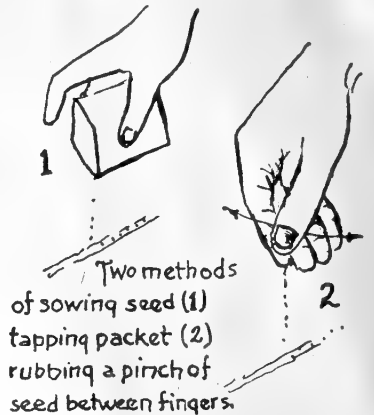
Use a heavy steel tyne rake. Tear down lumps to make a smooth surface



Walk on a board when sowing seed.

Make a V-shaped groove for seed

Pointed Stick



Two methods of sowing seed (1) tapping packet (2) rubbing a pinch of seed between fingers.

Plants are safer and easier to use for tomato (sketch), pepper, cauliflower, eggplant, celery and cabbage. Select vigorous plants properly hardened to resist cool weather. Protect with "Hotkaps" when weather is unsettled.



How To SET PLANTS



SPACE SAVING IN THE VEGETABLE GARDEN

Simple expedients that save space in the garden and make better vegetables are always helpful to the home gardener. The average plan will call for the easier kinds: beets, carrots, swiss chard, leaf lettuce, onions and corn, all of which can be grown in small gardens. A few others, requiring a larger space, can be grown by training on poles, trellises, or fences, thus utilizing a minimum of soil space.

Other quick maturing kinds can be grown between rows of the slower growing, and longer maturing kinds, or even between the plants in the row. The ground then does double duty, and it is therefore quite essential to fertilize the soil in order to support these extra crops and to watch the watering more carefully for the demands of the garden will be greater.

Try a few of these methods—save the extra effort of a larger garden by intensively working a smaller area.

PARCEL POST RATES

Shipping Weight	Zones						
	1 and 2 not over 150 Miles	Zone 3 150 to 300 Miles	Zone 4 300 to 600 Miles	Zone 5 600 to 1000 Miles	Zone 6 1000 to 1400 Miles	Zone 7 1400 to 1800 Miles	Zone 8 Over 1800 Miles
1 Pound.....	\$0.08	\$0.09	\$0.10	\$0.11	\$0.12	\$0.14	\$0.15
2 Pounds.....	.10	.11	.14	.17	.19	.23	.26
3 Pounds.....	.11	.13	.17	.22	.26	.32	.37
4 Pounds.....	.12	.15	.21	.27	.33	.41	.48
5 Pounds.....	.13	.17	.24	.33	.40	.50	.59
6 Pounds.....	.14	.19	.28	.38	.47	.59	.70
7 Pounds.....	.15	.21	.31	.43	.54	.68	.81
8 Pounds.....	.16	.23	.35	.49	.61	.77	.92
9 Pounds.....	.17	.25	.38	.54	.68	.83	1.03
10 Pounds.....	.18	.27	.42	.59	.75	.95	1.14
11 Pounds.....	.19	.29	.45	.64	.82	1.04	1.25
12 Pounds.....	.21	.31	.49	.70	.89	1.13	1.36
13 Pounds.....	.22	.33	.52	.75	.96	1.22	1.47
14 Pounds.....	.23	.35	.56	.80	1.03	1.31	1.58
15 Pounds.....	.24	.37	.59	.85	1.10	1.40	1.69
16 Pounds.....	.25	.39	.63	.91	1.17	1.49	1.80
17 Pounds.....	.26	.41	.66	.96	1.24	1.58	1.91
18 Pounds.....	.27	.43	.70	1.02	1.31	1.67	2.02
19 Pounds.....	.28	.45	.73	1.07	1.38	1.76	2.13
20 Pounds.....	.29	.47	.77	1.12	1.45	1.85	2.24
21 Pounds.....	.30	.49	.80	1.17	1.52	1.94	2.35
22 Pounds.....	.32	.51	.84	1.23	1.59	2.03	2.46
23 Pounds.....	.33	.53	.87	1.28	1.66	2.12	2.57
24 Pounds.....	.34	.55	.91	1.33	1.73	2.21	2.68
25 Pounds.....	.35	.57	.94	1.39	1.80	2.30	2.79

PLANTING TABLE FOR VEGETABLES

SPECIES	Seed required for 50 ft. of row	Seed required to sow an acre	Distance between rows inches	Distance apart in row inches	Depth of planting inches
Artichoke, Globe	1/4 oz.	6 to 8 oz.	40 to 48	18 to 24	1
Asparagus	1/2 oz.	4 lbs.	14 to 24	3 to 6	1
Beans, Bush	1/2 lb.	50 to 60 lbs.	24 to 30	2 to 3	1 1/2 to 2
Beans, Lima	1/2 lb.	30 to 50 lbs.	24 to 36	3 to 6	1 1/2 to 2
Beans, Pole	1/2 lb.	30 to 35 lbs.	36 to 48	6 to 8	1 1/2 to 2
Beet	1/2 oz.	8 to 14 lbs.	14 to 24	3 to 4	1/2 to 1
Beet, Mangel & Sugar	1/2 oz.	6 to 10 lbs.	18 to 24	6 to 9	1/2 to 1
Swiss Chard	1/2 oz.	6 to 10 lbs.	18 to 24	10 to 12	1
Broccoli	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 1
Brussels Sprouts	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 3/4
Cabbage	1/4 oz.	4 oz.	18 to 36	14 to 24	1/2
Cardoon	1/2 oz.	5 oz.	20 to 32	20 to 30	1/2 to 1
Carrot	1/4 oz.	3 to 4 lbs.	16 to 24	1 to 3	1/2
Cauliflower	1/4 oz.	4 oz.	24 to 30	20 to 24	1/2
Celery	1/8 oz.	4 oz.	24 to 30	4 to 6	1/4
Chicory	1/2 oz.	4 to 5 lbs.	20 to 36	2 to 3	1/2 to 1
Collard	1/4 oz.	5 oz.	24 to 30	14 to 18	1/2
Corn, Pop	3 oz.	6 to 8 lbs.	34 to 40	6 to 8	1
Corn, Sweet	4 oz.	10 to 14 lbs.	30 to 42	9 to 12	1
Corn Salad	2 oz.	10 to 12 lbs.	14 to 18	3 to 4	3/4
Cress	1 oz.	10 lbs.	12 to 18	2 to 4	1/2
Cucumber	1/2 oz.	3 to 4 lbs.	48 to 60	12 to 36	1/2 to 3/4
Dandelion	1/4 oz.	5 to 6 lbs.	18 to 22	6 to 10	1/2
Dill	1/2 oz.	5 lbs.	20 to 36	4 to 6	1/2
Egg Plant	1/8 oz.	5 to 6 oz.	24 to 36	18 to 24	1/2
Endive	1/2 oz.	4 to 5 lbs.	18 to 24	8 to 12	1/2
Fennel	1/2 oz.	3 to 4 lbs.	24 to 32	5 to 8	3/4
Kale	1/2 oz.	4 to 5 lbs.	24 to 32	14 to 22	1/2
Kohl Rabi	1/4 oz.	4 to 5 lbs.	14 to 24	4 to 6	1/2
Leek	1/4 oz.	4 lbs.	14 to 36	2 to 3	3/4
Lettuce	1/4 oz.	3 lbs.	12 to 18	4 to 12	1/4
Melon, Musk	1/2 oz.	3 to 4 lbs.	70 to 80	36 to 60	3/4
Melon, Water	1/2 oz.	3 to 4 lbs.	72 to 96	72 to 96	3/4
Mustard	1/4 oz.	4 lbs.	14 to 24	6 to 9	1/2
Okra	1 oz.	8 to 10 lbs.	24 to 40	18 to 24	1
Onion	1/4 oz.	3 to 4 lbs.	18 to 24	3 to 4	3/4
Onion (for sets)		60 to 85 lbs.	12 to 14	Not thin'd	3/4
Parsnip	1/2 oz.	3 to 4 lbs.	18 to 24	3 to 4	1/2
Parsley	1/4 oz.	3 to 4 lbs.	12 to 20	6 to 8	1/2
Peas	3/4 lb.	90 to 180 lbs.	24 to 36	1 to 2	1 to 2
Pepper	1/8 oz.	1 to 2 lbs.	20 to 30	18 to 20	1/2
Potatoes	8 lbs.	800-1000	24 to 36	18 to 24	6
Pumpkin	2 oz.	3 to 4 lbs.	96 to 110	60 to 84	3/4
Radish	1/2 oz.	10 to 12 lbs.	12 to 18	1 to 2	1/2
Rhubarb	1/2 oz.	3 lbs.	24 to 42	20 to 24	3/4
Rutabaga	1/2 oz.	2 to 4 lbs.	18 to 24	4 to 7	1/2
Sage	1/2 oz.	4 to 5 lbs.	20 to 24	6 to 10	1/2
Salsify	3/4 oz.	7 to 8 lbs.	18 to 24	2 to 3	3/4
Sorrel	1/2 oz.	4 to 5 lbs.	12 to 22	2 to 3	1/2
Spinach	3/4 oz.	10 to 20 lbs.	14 to 18	3 to 5	3/4
Squash, Bush	1 oz.	4 to 6 lbs.	42 to 48	42 to 48	1
Squash, Vining	1 oz.	4 lbs.	72 to 90	60 to 90	1
Sunflower	1 oz.	7 to 8 lbs.	48 to 70	10 to 12	1
Tomato		2 oz.	40 to 60	36 to 40	1/2
Tobacco		2 oz.	36 to 48	24 to 36	1/2
Turnip	1/2 oz.	2 to 3 lbs.	12 to 20	2 to 4	1/2

Plant carrots, turnips, beets, onions, lettuce, spinach and celery in double rows one foot apart instead of single rows.

Sow radishes, leaf lettuce and bunching onions in beds which are later planted to other crops requiring more space.

Train pole beans, tall peas, limas, or cucumbers on heavy twine stretched between poles and wires or train on the fence.

Tomatoes are best on a stout trellis. Tie with strips of soft cloth.

Pinch or prune some of side branches but not the flower clusters which grow at the opposite side of stem.

Get an extra Cabbage crop of quick maturing crops by planting with lettuce slow kinds.

Radishes, onions, or lettuce between peppers or eggplant rows.

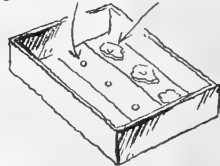
SPACE SAVING

VEGETABLES FOR VICTORY
Feed gardens with
VIGORO
VICTORY GARDEN
FERTILIZER
FOR FOOD PRODUCTION ONLY

HOW TO PLANT SEEDLINGS IN FLATS

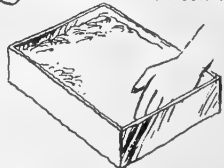
All delicate plants such as Petunias, Stocks, Snapdragons, many vegetables like Tomatoes, Peppers, Cabbage, Celery, etc., and all perennials are best grown this way from seed. It saves time, and the resulting seedlings are huskier, ready to plant out sooner and often flower earlier than those from seed sown outdoors.

① DRAINAGE HOLES



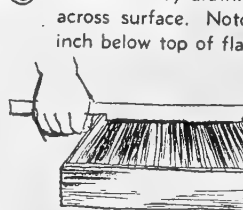
Place pieces of broken flower pots to keep drainage holes open.

② FILL flat with soil



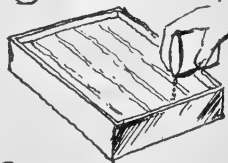
made of equal parts of peat or leaf mold and garden loam and sand. With hand firm the soil around edges of flat

③ LEVEL soil



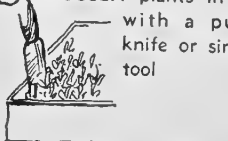
by drawing notched lath back and forth across surface. Notches make soil level about 1/2 inch below top of flat.

④ SOW seed



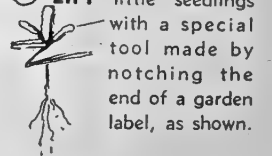
evenly either over the surface (broadcast) or in rows which can be marked with labels. Soak flat by standing in water until surface is wet.

⑤ LOOSEN plants



in flat with a putty knife or similar tool

⑥ LIFT little seedlings



with a special tool made by notching the end of a garden label, as shown.

⑦ TRANSPLANT seedlings



carefully in new flat of soil in hole made with a small dibble or pencil. Make holes 2 inches apart each way. Press soil firmly about the seedlings. Sprinkle with a fine spray of water.

When seedlings are growing vigorously transplant to the open ground in beds previously prepared by spading, working in fertilizer and raking smooth

ORDER EARLY! Help Us Beat the Labor Shortage!

VEGETABLE SEEDS



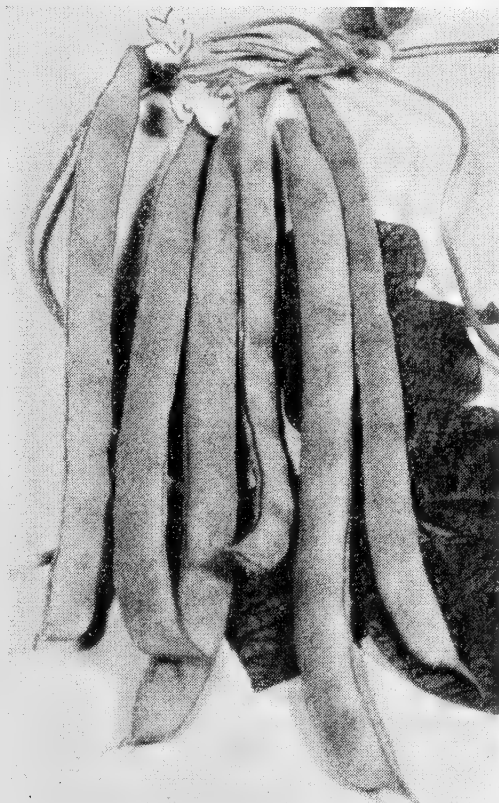
THE PLANT-FOOD SUPREME
See page 37.



DWARF OR BUSH BEANS

One pound will plant a row 100 feet long; about 1 1/4 bushels to the acre

HOW TO GROW DWARF OR BUSH BEANS. Make the rows 18 inches or 2 feet apart, and drop the beans 4 inches apart in the row. If the soil is warm and loose, plant 2 inches deep; if rather cold and wet, plant only one inch deep. Beans, especially the yellow-podded varieties, will rot very easily if planted when the soil is wet and the atmosphere is cold. If you do not want to run the risk of replanting them, do not plant your beans until the soil is warm. Cultivate often but never when the plants are wet, as this brings on rust. Pick the beans as fast as they become fit to use; this makes them bear longer. Special prices to market gardeners. Send your list to us for prices.



Green Podded Varieties

Prices postpaid: Pkt. 10c; 1/2 lb. 30c; 1 lb. 50c.
Unless Otherwise Noted.

DWARF TENDERGREEN. Here is a comparatively new green bush bean variety. It has "won its spurs" and is today's outstanding variety. Matures in 54 days from planting, therefore is early. Plants large, erect, productive. Pods are round, fleshy, stringless and of the finest flavor. Seeds brown, mottled with light fawn. By all means, include Dwarf Tendergreen in your garden this season.

MONARCH GIANT STRINGLESS GREEN POD. Matures in 53 days. One of the best for home and market garden; very desirable for canning. Plant large, hardy, heavily productive. Pods medium green, 6 to 6 1/2 inches long; 3/8 to 7/16 inch thick, round; very fleshy, brittle and stringless. Seeds glossy yellowish-brown. A successor to Stringless Green Pod.

MONARCH IMPROVED STRINGLESS GREEN-POD. Matures in 48 days. High quality for home and market garden. One of the favorites through the years. Splendid as a canning variety or for snap beans. Plant large, thrifty, heavily productive. Pods medium green; 5 1/2 inches long, almost 1/2 inch wide and equally thick; very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown. Pods similar to Giant Stringless Green Pod but a trifle shorter and thicker.

NAVY BEANS. Matures in 90 days. This is the favored dry bean for baking and for soups. Very small, seed pure white, vines thrifty and very productive.

MONARCH DAVIS WHITE WAX. Matures in 52 days. Well adapted for shipping. Plant large and thrifty and productive. Pods attractive yellow; 6 inches long, straight, 1/2 inch wide, thick, oval; fleshy and tender when young but become somewhat fibrous and stringy. An excellent dry bean for baking or soups.

GOLDEN WAX. Matures in 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4 1/2 to 5 inches long; 1/2 inch wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet-carmine and purple.

A WORD OF WARNING!

Due to the shortage of many varieties of vegetable seeds brought about by unprecedented unfavorable weather conditions during the planting, growing and harvesting of vegetable seed crops, we can only quote subject to price change and available stocks.

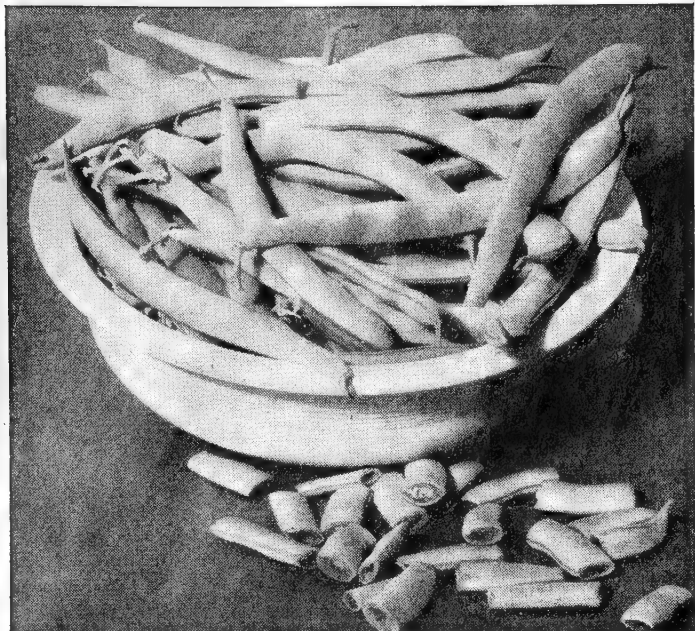
High prices may seem unjustified to the average gardener but when short crops coupled with an abnormal demand from countries who formerly secured their vegetable seeds from Europe and who now come to the United States for supplies are taken into consideration, one can readily understand why prices have risen to such high levels.

We are still sticking by our guns. It has always been our aim to buy the best for you and this policy will not be changed even though we might lose your business because someone else quoted inferior seeds for less.

BUY THE BEST, IT PAYS BIG DIVIDENDS.

PRICES LOWER AT OUR STORES.
YOU SAVE POSTAGE.

VEGETABLE SEEDS



POLE OR RUNNING VARIETIES

Prices postpaid: Pkt. 10c; ½ lb. 30c; lb. 50c, unless otherwise noted.

CULTURE. One pound will plant 50 hills, 30 pounds per acre. The soil should be mellow, rich and warm. Lay the ground out in hills 4 feet apart each way, and set poles 8 to 10 feet long firmly in the hills before planting the seed. Plant 5 or 6 beans in a hill and cover about 2 inches deep; leave three plants at each pole, and when a few inches high draw a little earth around them as support. Set the poles before the plants have grown to large size; many gardeners consider it an advantage to set the poles when planting, thus avoiding disturbing the small plant or its roots.

MONARCH WHITE CREASEBACK or BLUE LAKE BEAN. Matures in 62 days. A splendid snap bean for home garden and early market. Good climber, heavily productive. Pods light green, 5½ inches long, ½ inch wide, almost as thick; nearly stringless, very fleshy, brittle, tender. Seeds white; excellent for baking. Because of the near-stringless character of this variety it is preferred by many to Kentucky Wonder.

OREGON GIANT. A very desirable snap bean. A good climber and very prolific. Pods long, thick-flat, stringless when young, exceedingly tender, rather broad, meaty, pods splashed purplish blue. Pkt. 15c; ½ lb. 35c; lb. 60c.

KENTUCKY WONDER (Old Homestead). Matures in 65 days. Unexcelled for home garden and for market. Excellent climber, thrifty, heavily productive. Pods medium green; 9 to 10 inches long, nearly round and ½ inch in diameter; slightly stringy, very fleshy, brittle, tender. Prices at top of page.

SCARLET RUNNER. Matures about same as Limas. Good climber. Flowers scarlet, decorative. Pods dark green; 6 inches long, flat oval; fleshy; desirable for snaps and green shell beans. Very attractive as porch or arbor cover. Pkt. 15c; ½ lb. 35c; lb. 60c.

LONDON HORTICULTURAL (Speckled Cranberry). Ready for snaps in 65 days; green shell beans in 74 days. Splendid for home and market garden. Good climber, thrifty, heavily productive. Pods green, becoming splashed with carmine at green shell stage; 7 inches long, wide, straight, stringless. Prices at top of page.

LIMA BEANS

Prices postpaid: Pkt. 10c; ½ lb. 30c; lb. 50c.

KING OF THE GARDEN LIMA. Matures in 88 days. Climber, heavily productive. Pods 6 inches long, 1¼ inches wide, ¾ inch thick, usually with 4 or 5 beans. Seeds large, thick, flat, white. An improved strain of large White Lima. Prices at top of this page.

BURPEE'S BUSH LIMA. Matures in 75 days. Plant large, heavily productive. Pods large, 4½ to 5 inches long, 1¼ inches wide, ¾ inch thick; usually contain 4 large, thick beans. Dry beans large, flat, greenish-white. Prices at top of this page.

BABY POTATO. All-America Silver Medal Winner for 1940. A prolific variety of excellent habits and flavor. Admirably adapted not only for produce markets but also for canning and quick freezing. Seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook.

BEETS

Special prices to market gardeners. Send your list to us for prices.

CULTURE. Well enriched, light soil is best adapted for the culture of beets. Sow in drills 1 foot apart and cover half inch. It is important that the earth be pressed firmly about the seed. When the plants are large enough, thin to 4 inches apart. Use thinnings for greens if desired. For early crop, sow as soon as the ground can be worked, and continue for succession until the first of July. Liberal manuring should be done for Mangels and Sugar Beets. They should stand 10 to 12 inches apart in the rows.

MORSE'S GOOD FOR ALL. Matures in 52 to 55 days. An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at 1¼ to 1½ inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular; collar and tap-roots very small; interior deep crimson, free from white zones. If you know the superior excellence of Detroit Dark Red, you will need little introduction to this "baby" strain of the same beet. Unusual evenness of size and shape and almost perfect roundness when small make it the best variety yet for canning or pickling whole. Pkt. 10c; oz. 40c, ¼ lb. \$1.20. Postpaid.

MONARCH DETROIT DARK RED. Matures in 52 to 55 days. The standard of excellence in table beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap-root; very dark, blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of deep blood-red meat; remains tender and of highest quality until roots are full grown. Pkt. 10c; oz. 40c; ¼ lb. \$1.20 Postpaid

SWISS CHARD (Sea Kale). Large Ribbed White. The leaves are broad, somewhat wavy, but smooth, and of a medium light yellowish-green. The stalks are broad and flattened, but tender and succulent. Pkt. 10c; oz. 40c; ¼ lb. \$1.20. Postpaid.

RHUBARB CHARD. A new Swiss Chard that looks like rhubarb. The leaf stalks are bright, translucent, crimson; the rich color extends out through the veins into the dark green, heavily crumpled leaves. Easily grown; thrives everywhere. You will enjoy the different, tasty, delicious flavor of Rhubarb Chard. Very decorative in the flower garden. Pkt. 15c.

MANGEL-WURZELS

GIANT HALF-SUGAR MANGEL. Matures in about 90 days. Roots long oval, tapered; grayish-white with rose-colored shoulder; flesh white, rich in sugar. One of the heaviest croppers. Oz. 25c; ¼ lb. 75c.

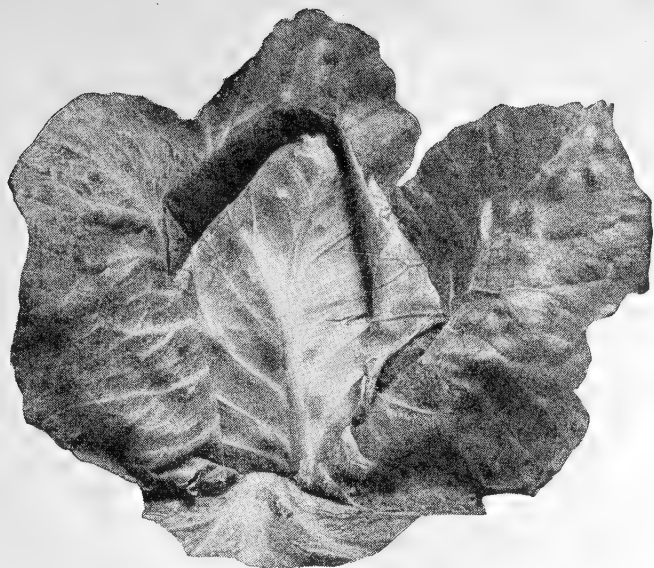
MAMMOTH LONG RED. The largest of the mangels and the heaviest cropper. Skin red, flesh white, zoned red. Roots very large, spindle shape, straight and thick. Grow 1/3 to ½ out of ground. Oz. 25c; ¼ lb. 75c.

CAULIFLOWER

CULTURE. Cauliflower succeeds well in any soil that will grow good cabbage, but prefers a well enriched soil of loamy character. Sow seed early in February and March in hotbed, transplanting later to cold frame and thence to open ground.

EARLY SNOWBALL. This is the most popular for home garden and market. Produces a good crop and a sure header. Pkt. 15c. Postpaid.

VEGETABLE SEEDS



EARLY JERSEY WAKEFIELD

CABBAGE

Finest Early Sorts

COPENHAGEN MARKET. Matures in 66 days. Distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early kraut variety. Plant small, compact, allowing very close planting; stem short; heads uniformly round; firm; become 6 to 7 inches in diameter; weight 3½ to 4 pounds. Interior clear white and of excellent quality. Pkt. 10c; oz. 75c.

EARLY JERSEY WAKEFIELD. Matures in 62 days. Extremely early variety very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing close planting; stem is short. Heads firm and conical, usually 7 inches long, 5 inches thick near base; weight 2 to 2¼ pounds. Pkt. 10c; oz. 75c.

EARLY DWARF FLAT DUTCH. Matures in 71 days. Excellent for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep and weigh 4½ to 5 pounds; firm and of high quality. Pkt. 10c; oz. 75c.

GOLDEN ACRE CABBAGE. Matures in 60 to 64 days. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weight 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller. It is as early as Early Jersey Wakefield. Because of the absence of large surplus outleaves, Golden Acre can be planted closer in the row and the rows nearer, meaning more heads per acre. Pkt. 10c; oz. 75c.

Late Sorts

DANISH BALLHEAD or HOLLANDER (short stemmed strain). Matures in 90 to 100 days. The best late cabbage. Plants are medium sized with short stem. Heads large; flattened globe-shape; become 8 to 9 inches across, 6 to 7 inches deep, and weigh 7 to 9 pounds. Very firm and solid, of excellent quality, and keep perfectly in storage until late spring. Pkt. 10c; oz. \$1.00.

GIANT LATE FLAT DUTCH. Matures in 105 days. The best very large, late cabbage; popular for home and market garden and for fall shipment; a good keeper. Heads very large and flat, but deep; become 12 to 14 inches across, 7 inches deep; and weigh 12 to 14 pounds or more; firm and of good quality. Pkt. 10c; oz. \$1.00.

BRUSSELS SPROUTS

DWARF IMPROVED. A carefully grown strain; very hardy and giving compact, round sprouts of large size and good quality. Pkt. 15c.

BROCCOLI

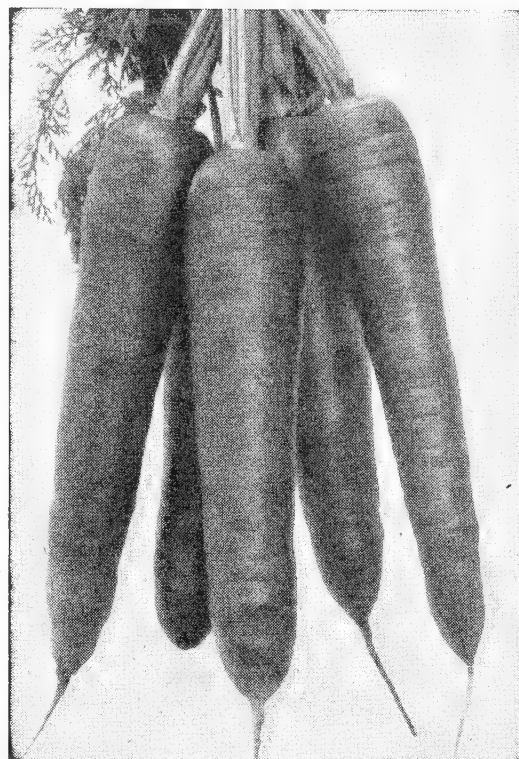
CULTURE. Plant in open ground in May and June, transplanting later when plants are of sufficient strength and size to place in field. Culture same as for Cabbage or Cauliflower.

ST. VALENTINES. Fine quality, immense header; ready for market early. Heads remain in good condition longer than most varieties. Pkt. 15c.

ITALIAN or SPROUTING. The standard variety of sprouting broccoli. Grown for home garden, for market and recently in large quantities for freezing. Plants very large and vigorous, reaching 2½ to 3 ft. under good conditions with central head 5 to 6 in. in diameter. Pkt. 15c.

CARROTS

CULTURE. Carrot seed can be sown early and late in Western Washington. As soon as the ground can be worked in February carrots may be sown. They like a well cultivated and loamy soil. Use fertilizer liberally. Sow in rows (table varieties) 16 to 18 inches apart, and for field culture sow in drills 18 to 24 inches apart. Cover one-half to an inch deep and firm soil well over seed.



IMPROVED EMPEROR

TENDERSWEET or IMPROVED EMPEROR. This carrot grows to a length of 6 to 7 in. with a shoulder diameter of 1¼ to 1½ inches and is a deep orange color. It has smooth crown; does not have undesirable side shoots; has a fine texture and is very sweet. In all respects it is very attractive for shipping. An ideal bunching carrot. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

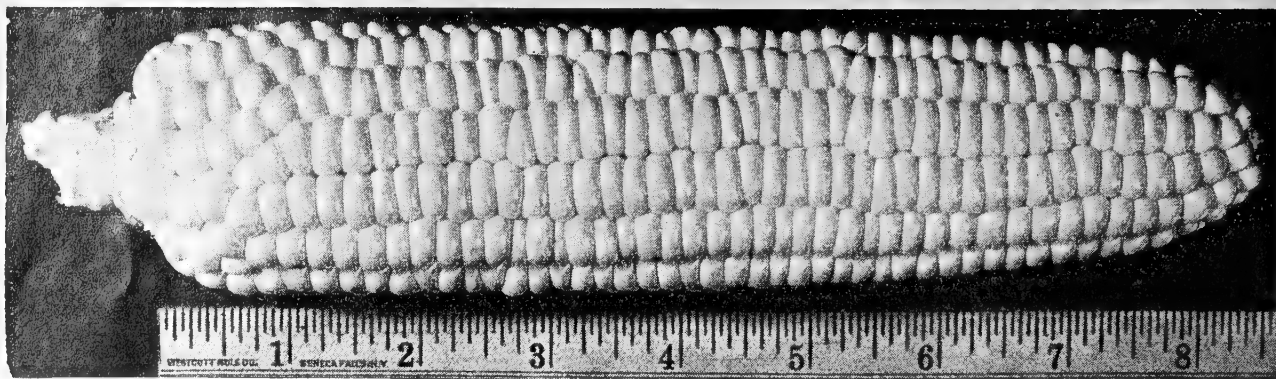
DANVER'S HALF LONG. The roots are a rich dark orange color and by reason of its symmetrical shape, which is long and pointed, makes an excellent bunching variety. It has proved over a period of years to be the most popular carrot. Pkt. 10c; 1 oz. 45c; ¼ lb. \$1.35.

RED CORED CHANTENAY. A very fine red cored carrot with uniformity and appealing color. Smooth symmetrical shape combined with just the right size make it a good market or home garden carrot. Roots 5½-6 in. long, 2¼ in. thick at shoulder, tapered, stumprooted. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

NANTES CORELESS CARROT. Matures in 68 days. One of the best for home garden and early market. Tops small. Roots bright orange; 6 to 7 inches long, 1¼ inches thick; cylindrical; stumprooted. Flesh bright orange, of highest quality; core inconspicuous. Undoubtedly one of the best carrots grown. Not a tapering variety. Fine for bunching. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

VEGETABLE SEEDS

NEW HYBRID GOLDEN MARKET



SWEET CORN

ACCLIMATED SEED

Prices postpaid (Unless otherwise noted).

Pkt. 10c; ½ lb. 25c; lb. 45c.

HYBRID GOLDEN MARKET. Here's a new hybrid variety that's a dandy either for the market gardener or the home garden. Hybrid Golden Market is as early as Golden Early Market with larger ears and yields 50% more marketable ears. Better worm resistance; two-weeks earlier than Golden Cross Bantam. Stalks grow to a height of only about 4 feet. Ears covered with a heavy husk. Market gardeners everywhere have found Hybrid Golden Market a profitable early crop to be followed by Golden Cross Bantam for the later market. Pkt. 15c; ½ lb. 40c; lb. 75c. Write for quantity prices.

GOLDEN CROSS BANTAM HYBRID. While this original hybrid variety still leads the group in yield per acre, new varieties have been developed that mature earlier at the expense of production. We still strongly recommend Golden Cross Bantam, believing it to be as good as one would want for the home garden and for maximum production of ears. However, if as a market gardener, you are out after the earliest production and want to get on the market with sweet corn before your neighbor, then we suggest that you plant Hybrid Golden Market, listed above. Golden Cross Bantam matures in about 90 days, yields double that of Golden Bantam; twelve rows to the ear. In trial plantings it yielded 20,000 ears to the acre. A trifle lighter in color than Golden Bantam. Pkt. 10c; ½ lb. 40c; lb. 70c.

GOLDEN EARLY MARKET. One of the best extra early yellow varieties for home and market garden. Ears have strong husks; 8 to 12 rowed. Kernels golden-yellow, medium, tender, sweet and of good flavor. Very prolific for so early a variety. Matures in 75 days from planting which is 5 days earlier than Golden Bantam. Prices at top of page.

GOLDEN BANTAM. The best known and most favorably known of all the yellow varieties. Stalks often have 2 ears. Ears 8 rowed; kernels broad, with tender hull, sweet, and of exceptionally fine flavor. Used widely for home gardens, by truckers and for canning. Matures in 77 days. All our seed sweet corn is northern grown, acclimated seed. Prices at top of page.

POP CORN

ROBUST HULLESS. Most profitable and popular; short ears, white pointed kernels. Pkt. 10c; ½ lb. 20c; lb. 35c.

GOLDEN PEARL YELLOW. A giant yellow corn. Pops into mammoth creamy yellow, tender, fluffy kernels. Pkt. 15c; ½ lb. 30c; lb. 50c.

CUCUMBERS

CULTURE. Reasonably good soil that is fully exposed to the sun will raise a good crop of Cucumbers. Every family should be supplied from its home garden, since the fruit is so much better when gathered fresh from the vines as desired for use than it is in the more or less wilted condition in which it is found on the market. Cucumbers are close relatives of melons but mature in about 60 days and may be brought to maturity with little trouble in the home garden. The seeds must be sown after the ground becomes warm, and the plants thinned to three or four to the hill. A very rich soil is the best precaution against insects and the blight. The striped beetle should be kept away from the young plants with liberal applications of powdered DUTOX.

MONARCH IMPROVED LONG GREEN. Matures in 72 days.

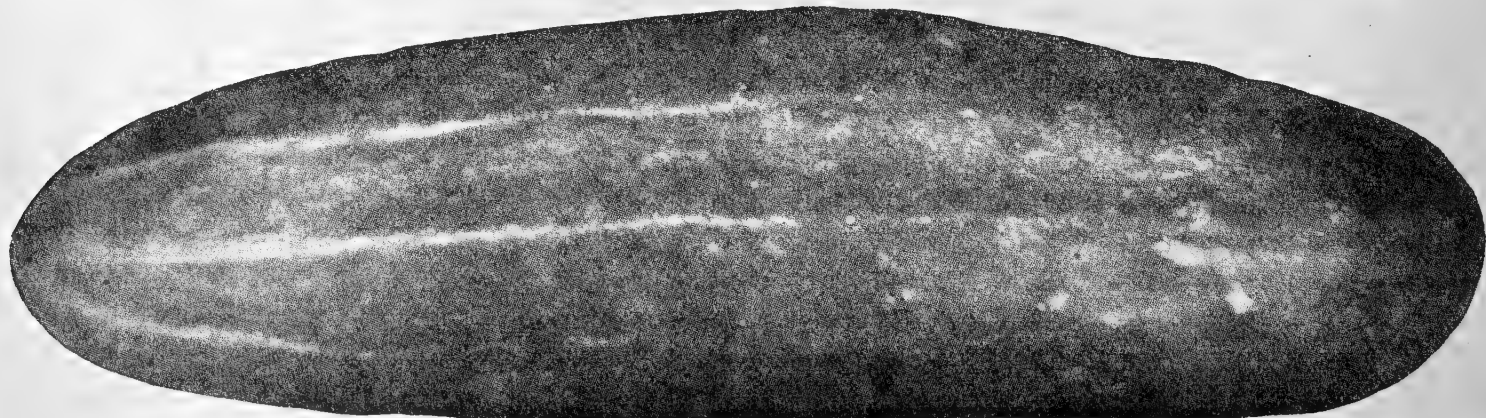
The most popular and one of the best for the home garden; particularly desirable for slicing. Fruits rich dark green; black spined; 12 inches long; 2¼ to 2¾ inches thick; straight; cylindrical; with few seeds. Carry a distinctive flavor, make excellent pickles, and when yellow and ripe the best sweet pickles. Pkt. 10c; oz. 35c; ¼ lb. \$1.05.

EARLY WHITE SPINE. Matures in 60 days. The most popular white spined cucumber for the home garden; extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 inches long; 2½ inches thick; slightly tapered; blunt. Pkt. 5c; oz. 35c; ¼ lb. \$1.05.

CHICAGO PICKLING. Most widely used of pickling varieties. Uniform and attractive; also good for slicing. Fruits medium green, square ended; very prolific. Pkt. 10c; oz. 35c; ¼ lb. \$1.05.

LEMON CUCUMBER. Matures in 65 days. Fine for preserves. Yellow in color, fruits round. Fine for salads. Every garden should contain a few hills of Lemon Cucumber. Pkt. 15c; oz. 40c.

STRAIGHT-8. This outstanding new variety produces symmetrical, cylindrical fruits about 8 inches long and 1½ inches in diameter. The fruits are well rounded at the ends and when in condition for use are deep green and free from objectionable striping or tipping. Ideal for shipping or for home or market garden. Pkt. 10c; oz. 35c; ¼ lb. \$1.05.



VEGETABLE SEEDS

CELERY

FRENCH GOLDEN SELF-BLANCHING. The best celery for early market use. Of yellow color when matured. Brings top prices. Pkt. 10c, postpaid.

UTAH. A very desirable green type early maturing celery. Becoming very popular. Pkt. 10c, postpaid.

KALE

1000 HEADED or COW KALE. Frequently attains a growth of 6 to 8 feet and produces many of the smooth leaves. Largely used for feeding stock and poultry. Pkt. 10c; oz. 25c; ¼ lb. 75c.

DWARF CURLED SCOTCH. Long plume-like leaves with edges finely cut. Pkt. 10c; oz. 25c.

LETTUCE

Prices Postpaid.

NEW YORK PW55 (Peters-Wheeler). This new introduction received Honorable Mention in the 1941 trials. It is a very early New York type, compact, medium in size and with small core. Wrapper leaves curve over the head without twisting. Although showing remarkable resistance to tipburn, its chief claim to wide favor seems to lie in its extreme earliness in the crisp leaf class. Pkt. 10c; oz. 50c; ¼ lb. \$1.50.

IMPERIAL NO. 847. Best suited for summer crops. A very popular variety among market gardeners. Good shipper. Resistant to brown blight. Crisp heading plants of medium size. Leaves smooth, thick, medium light green. Heads round, well folded, firm with low seed stalk. Pkt. 10c; oz. 40c; ¼ lb. \$1.20.

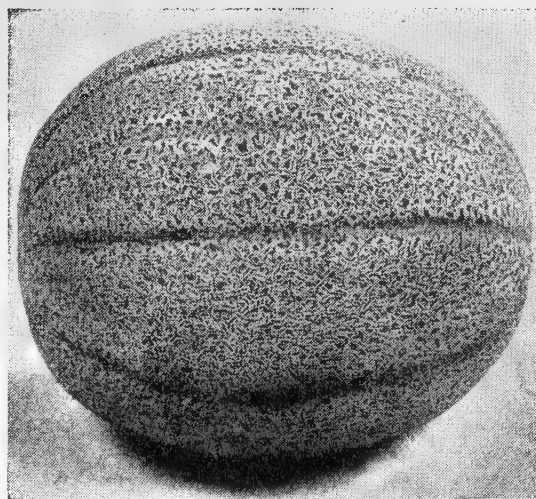
NEW YORK NO. 515. Similar in habit and head formation to New York No. 12, but color is brighter green and the head somewhat better formed and smoother. Sure-heading and resists tip-burn in warm weather as well as any firm heading lettuce. At present used principally for summer lettuce on land not infected with brown blight, but with distinct promise in all sections of the country for spring head lettuce. Not well adapted to fall harvest due to tendency to bolt under unfavorable conditions. Pkt. 10c; oz. 40c; ¼ lb. \$1.20. Write for quantity price.

GRAND RAPIDS. One of the most popular loose leaved varieties. Excellent for early planting outside, and for greenhouse forcing. Plants erect and compact; leaves light green, broad, wavy, curly and heavily fringed at the edges. Handsome sort; very tender and sweet when grown under glass. Early maturing. Pkt. 10c; oz. 40c; ¼ lb. \$1.20.

IMPERIAL No. 152. This variety is an improved Los Angeles type. Best suited for Fall and late Summer planting. Very sure heading and can be grown under a wide range of conditions. Resistant to brown blight. Very firm, round exposed heads. Pkt. 10c; oz. 40c; ¼ lb. \$1.20.



LETTUCE, NEW YORK NO. 515



HALE'S BEST

MUSKMELON

CULTURE. Plant in hills 4 to 6 feet apart each way after danger of frost is past and ground is warm; enrich well with well-rotted manure and plant seeds just under the surface, putting ten or twelve seeds in a hill covering about an inch deep with fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation until plants make runners too long for practical work. Rich earth is far preferable to manure, and if manure is used be sure it is well rotted and well mixed with the soil.

MONARCH PERFECTO. This variety is recognized as the highest development in cantaloupe and is especially recommended for planting where melons are inclined to rust as it is more rust resistant than most sorts. Well grown, practically all these melons pack 12 to the Jumbo flat crate. The netting is well developed and closely laced covering the entire melon. The interstices between the netting are small and bright green when full ripe. The flesh, a rich orange salmon, is very deep and the color shows through the rind where the melon will slip enabling the careful picker to pick accurately. The quality is unexcelled. The flesh is fine grained, very sweet and spicy. We offer No. 1, first cut seed only. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

HALES BEST. An outstanding early shipping cantaloupe. Planted extensively in all melon growing sections, for early shipping. Fruits oval; inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of fine quality. An excellent keeper and a good shipper. Seed cavity very small. Earlier than Superfecto, matures in 85 to 90 days. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

HEARTS OF GOLD. Still a dominating favorite. Quality extremely fine. Well netted except a narrow stripe between shallow ribs. Holds its color well. Very firm and a good shipper. Deep golden flesh is of the finest quality. Sweet, spicy and distinctly flavored. Hearts of Gold, because of its outstanding flavor will always remain a favorite. No garden is complete without it. Matures in 92 days. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

ROCKYFORD. Everyone knows this melon. It is one of the old standbys. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

Prices on all vegetable seeds postpaid unless otherwise marked.

KOHL RABI

Hardy and easy of culture. Grown from plants the same as cabbage. The Kohl Rabi is a vegetable intermediate between the cabbage and turnip and combines the flavor of both. It should be eaten before growth ceases.

EARLY WHITE VIENNA. Very early; bulb white; best table variety Pkt 10c; oz. 50c. Postpaid.

VEGETABLE SEEDS

**ORDER EARLY TO
AVOID DELAY**

MUSTARD

The following varieties make the finest greens when used alone or if combined with cress furnishes a delicious salad. Sow any time in the spring, in rows, and thin out as necessary.

SOUTHERN GIANT CURLED. This is a giant curled leaf of fine quality. Pkt. 10c; oz. 20c. Postpaid.

CHINESE MUSTARD. Less pungent than other varieties. A most delicious variety thriving under same conditions as spinach. Pkt. 10c; oz. 20c. Postpaid.



STRIPED KLONDIKE

WATERMELONS

STRIPED KLONDIKE. Right for the present this variety is the most popular watermelon in the Southern Oregon district, both for home market and shipping. The flavor is fine, texture unexcelled, a good shipper and very attractive with its mottled skin. Thin rind with small brown seeds. Matures about the same time as Brown Seeded Klondike; in about 85 days. We suggest that you plant this variety for main crop but plant EARLY CANADA for an early watermelon. See description above. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

MONARCH BROWN SEEDED KLONDIKE. (Early maturing strain.) Flesh deep red, very sweet, flavor of the best, rind thin, dark green and tough enough to allow shipping to near-by market. Stem end square, center full, tapering slightly to the blossom end. A favorite on the Pacific Coast. One of the best flavored melons we have ever offered. Usually weighs about 25 pounds. We offer the earliest maturing strain. You can buy cheaper seed, but never better. Pkt. 10c; oz. 30c; 1/4 lb. 90c. Postpaid.

KLONDIKE R7 (Wilt resistant). Developed by Dr. D. R. Porter of the University of California. Resistant to fusarium wilt. Quite similar to Brown Seeded Klondike Strain, but when young the melons show a distinct bloom and at maturity they are smoother and show less furrowing. Pkt. 10c; oz. 40c; 1/4 lb. \$1.20.

CASABAS

Prices Postpaid.

GOLDEN BEAUTY. Fruits are nearly globular of bright golden yellow color. Flesh is white, very thick and juicy. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

WINTER PINEAPPLE. A casaba that ripens slowly and lasts practically through the winter. Stores like Hubbard squash. Pkt. 10c; oz. 30c; 1/4 lb. 90c.

PERSIAN (Small Variety). Matures in 115 days. Requires long season to attain perfection; widely grown for market. Fruits globular, skin very green; netted. Flesh thick; bright orange; of distinct flavor when melons are fully ripe. Pkt. 10c; oz. 35c; lb. \$1.10.

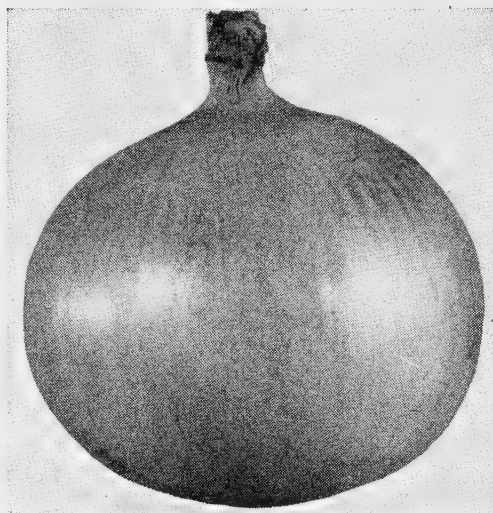
OKRA

PERKINS MAMMOTH LONG-POD. Also known as Long Green. Slender, slightly corrugated, dark green, straight, pointed pods, 7 in. long. The leading variety. Pkt. 10c; oz. 30c.

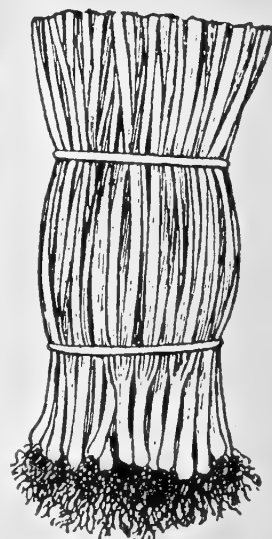
WHITE VELVET. Creamy white pods, 7 in. long, smooth, tender, slightly curved and pointed. Pkt. 10c; oz. 30c.

ONIONS

RIVERSIDE SWEET SPANISH (Utah Strain). This strain of Sweet Spanish has been bred up to keeping quality perfection. Originally the Spanish strain of this type did not have the keeping quality, hence seed breeders set to work to include the necessary keeping propensities. Such will be found in our Sweet Spanish. This is a very sweet and early onion. Most of you know it for its extreme high characteristics. Early, mild, excellent keeper, heavy yielder. Increasingly popular with the market and home gardener. Large, yellow, globular, flesh white, very sweet and of pleasing flavor. Desirable for shipping. Our seed comes from the most reliable source and you'll find ours. True-to-type stock. Pkt. 10c; oz. \$1.10; 1/4 lb. \$3.25, postpaid.



SWEET SPANISH



ONION PLANTS

YELLOW GLOBE DANVERS. One of the most extensively used main crop yellow onions for the home garden. Here's what our grower says about our seed; "Our selection and breeding have developed a strain which has the early ripening habit and small neck of the original Danvers and yet is more globular and prolific than the parent type. The bulbs are medium to large sized, uniformly globe shaped and white fleshed, with a crispness and an excellent mild flavor. Highly recommended." Could you ask for more in an onion? Pkt. 10c; oz. 85c; 1/4 lb. \$2.50. Postpaid.

CRYSTAL WHITE WAX. A most attractive onion. An offspring of White Bermuda. Pure white in color, being waxy in appearance. Largely grown for the market but highly recommended to the home gardener. Pkt. 10c; oz. \$1.10; 1/4 lb. \$3.25. Postpaid

ONION SETS

For the earliest green onions use onion sets, planting them about 2 inches apart in the row. Dry onions can be grown from sets, but it will be found much less expensive if grown from seed. We can furnish Yellow Strassburg sets at 50c per quart postpaid.

Note: We cannot supply Sweet Spanish onion sets.

Crystal Wax — White Bermuda ONION PLANTS

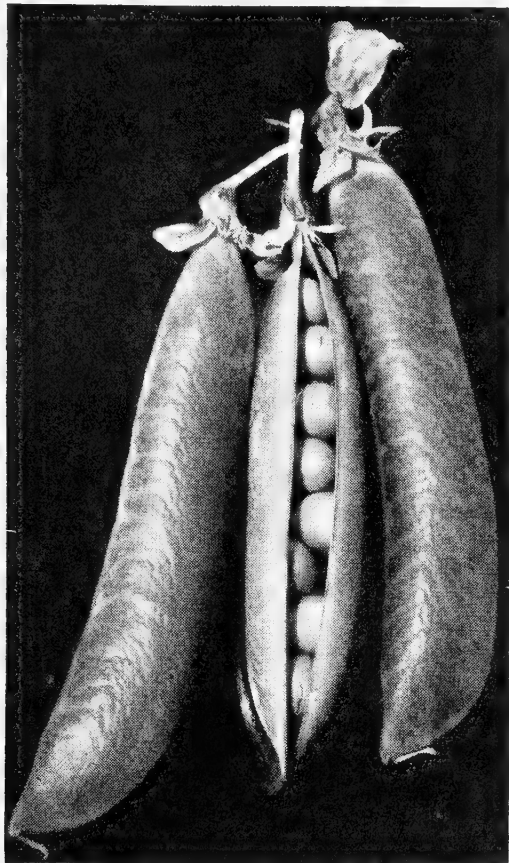
Our plants are strong, full count plants. Will make either young green onions of delectable flavor or can be left to mature for dry onions. Prices postpaid: 1 bundle of 100 plants, 40c; 5 bundles, \$1.85; 10 bundles, \$3.50.

Ready for shipment after March 15th

VEGETABLE SEEDS

PEAS

CULTURE. One pound will sow 100 feet. Light, moderately rich soil is best for this crop. Sowing of first early varieties should be made in October, and the other varieties in the early spring. Peas are sown in single or double rows from 2 to 6 feet apart, according to the variety or height to which they attain. Dwarf varieties are planted 2 feet apart, and those of medium sorts 3 feet to 4 feet apart. Tall varieties from 5 to 6 feet apart.



Early Varieties—Dwarf

MORSE'S MARKET (No. 122). A new large podded early mid-season pea. Vines robust, 24 to 30 inches tall; pods 5 to 5½ inches long, produced abundantly even to the tip of the branches. A fine variety to plant with early peas for succession. Eight to 11 peas are contained in every pod. After standing for some time, the pods still look fresh and attractive, a characteristic which makes them unusually good for use by market gardeners and shippers. An excellent home garden variety. Pkt. 10c; ½ lb. 30c; lb. 50c, postpaid.

LAXTON'S PROGRESS. Matures in 60 days. Splendid variety for home, market garden and shipping. Vines dwarf; 20 inches tall; dark green; prolific. Pods handsome; dark green; very large for dwarf variety; fully 4 inches long, ⅜ inch wide, plump; tapered at end. Seeds large, wrinkled; cream; interior yellow. Laxton's Progress is an improvement over Laxtonian. More prolific, larger pods with immense peas, filling the pods to bursting. If you want the maximum from your pea crop, plant Laxton's Progress. Our seed comes to us from the West's most reliable grower. Germination is high and you'll find our stock positively True-to-Type. Pkt. 10c; ½ lb. 30c; 1 lb. 50c, postpaid. Quantity price on application.

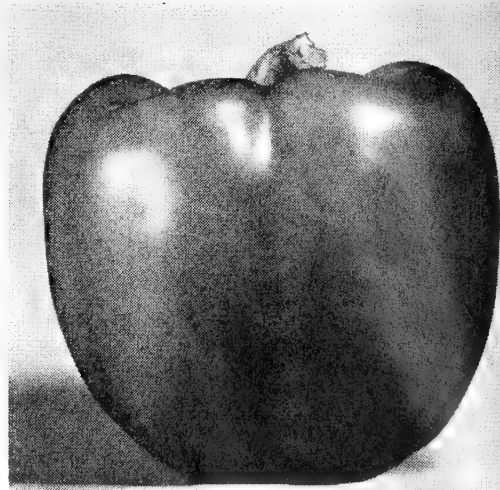
LAXTONIAN. Matures in 65 days. While not quite as early as Laxton's Progress this old favorite is earlier than most early sorts and by far superior to most. Dwarf, large-podded, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest flavor. It is especially recommended for home garden use. Seeds are large, wrinkled; green and cream in color. Pkt. 10c; ½ lb. 30c; lb. 50c, postpaid. Quantity price on application.

TALL TELEPHONE. Vines 4 to 4½ feet tall. Heavily loaded with very large, well formed pods, often 5 to 5½ inches long. Light yellowish-green and normally contain 8 to 10 very delicious, large peas. Pkt. 10c; ½ lb. 30c; lb. 50c, postpaid.

PEPPERS

CALIFORNIA SWEET

WONDER. Matures in 72 days; large green fruits available practically as early as Ruby King. This is the standard of excellence in sweet peppers; much used, particularly by market gardeners and shippers. Plant thrifty, upright, heavily productive over a long season. Fruit handsome, very large, very smooth and regular, commonly 4½ ins. long and 3½ to 4 ins. through; deep green, becoming bright crimson; flesh extremely thick and firm, sweet throughout and of distinct flavor. Pkt. 10c; oz. 75c. Postpaid.



LARGE BELL OR BULL NOSE. Matures in 55 to 60 days. An old favorite. Sweet with mildly pungent ribs. The earliest, most prolific large fruited pepper. Plants small, upright. Fruits 3 to 3½ inches long, 3 inches thick, blocky; slightly crumpled; deep green becoming scarlet red. Pkt. 10c; oz. 75c. Postpaid.

CHINESE GIANT. Matures in 80 days. The largest sweet pepper. Fruits 4½ to 5 inches long and of equal diameter; roundish, blunt at the ends; somewhat crumpled; deep green, mild and sweet throughout. Pkt. 10c; oz. 75c. Postpaid.

LONG RED CAYENNE. Matures in 70 days. A leading sort for use in pickling and for drying. Very pungent, fruits 5 inches long, ½ inch thick, tapered. Pkt. 10c; oz. 75c. Postpaid.



PUMPKINS

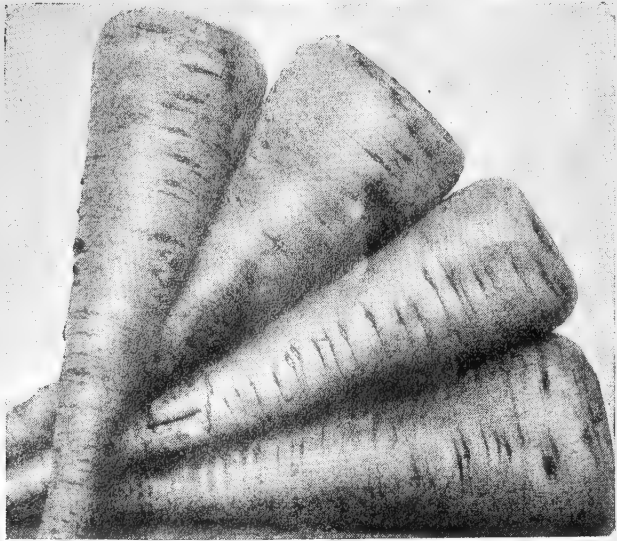
CULTURE. Enormous pumpkins may be grown on the fertile soils of Southern Oregon and Northern California. Plant the seed in the open ground when it is well warmed and after danger from frost is past. Plant in hills about 8 feet apart; 3 to 4 pounds of seed will plant an acre and 8 ounces will plant 100 hills. Do not plant near squashes, as they are likely to mix.

CONNECTICUT FIELD. The standard field pumpkin, grown for pies, canning and stock feed. Fruits very large, commonly 10 inches long, 12 inches in diameter and weigh 20 lbs., sometimes much larger; skin smooth, deep orange-yellow; shell thin, hard; flesh thick, coarse, sweet and deep yellow. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

KENTUCKY FIELD or SWEET CHEESE. Standard for canning and stock feed; largely grown in the south. Resistant to "pumpkin bugs". Fruits very large, flattened, commonly 12-15 in. in diameter and half as deep; sometimes much larger, furrowed; skin creamy buff; flesh extremely thick, deep salmon-yellow and of good quality. Pkt. 10c; oz. 25c; ¼ lb. 75c.

NEW ENGLAND OR SWEET SUGAR. A handsome and productive small pumpkin; skin orange, flesh yellow, fine grained, very sweet. This is the famous New England Pie Pumpkin. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

VEGETABLE SEEDS



PARSNIPS

ONE OUNCE of seed will sow 200 feet of drill, 5 pounds will plant an acre. This crop requires a very rich soil. Sow in drills 18 inches apart and one-half inch deep and thin to 8 inches in the row.

LONG SMOOTH or HOLLOW CROWN. A standard table sort; the best and most productive for field culture. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

RADISHES

CRIMSON GIANT. Matures in 29 days. Superior home and market garden sort. Tops medium small. Roots spherical to slightly top-shaped; deep crimson; the largest of the early turnip rooted radishes; commonly attain diameter of 1½ inches before becoming pithy; of unexcelled quality. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

EARLY SCARLET TURNIP. Matures in 23 days. Very early sort, superior and equally valuable for out-of-door culture and for forcing. Tops small, ideal for bunching. Roots slightly elongated globe shape; 1¼ inches long when ideal for use; with slender well defined tap root; uniform rich bright scarlet; flesh white, crisp and of splendid quality. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

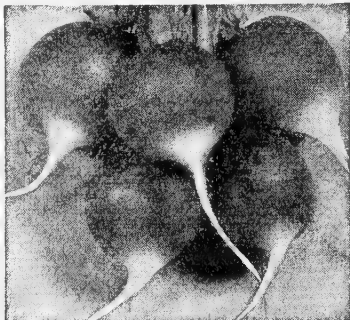
EARLY SCARLET TURNIP (White Tipped). Matures in 25 days. Handsome, popular variety of outstanding quality; much used in home and market gardens. Tops small, roots deep turnip shape, almost globular, with slender tap root; bright scarlet with well defined white area about the tip; remain crisp and of splendid quality until 1¼ inches in diameter or greater. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

LONG SCARLET. Matures in 26 days. Standard home and market garden sort. Tops small. Roots long, tapered; become 4-5 inches long and ⅜ inch thick at shoulder; bright carmine red. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

LONG WHITE ICICLE. Matures in 27 days. Decidedly the best early white variety and considered by many the standard of excellence in radish. Particularly popular in home and market gardens. Tops small, roots long, tapered; very white; brittle as ice; of splendid quality until 5 to 6 inches long; mild and of splendid flavor. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



See page 32.



RUTABAGAS

AMERICAN PURPLE TOP. One of the best and most popular varieties, with yellow flesh. Good for stock feeding. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

LARGE WHITE or SWEET RUSSIAN. A very large variety, with white skin and flesh which is tender and sweet. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

SPINACH

CULTURE. Of easy culture and very profitable. Spinach may be planted in the fall or early spring. In our mild climate winter sowing is practical with good results. Sow 8 pounds per acre as a field crop or 1 ounce to 100 feet in the home garden. The richer the soil the larger and better the leaves. Use a top dressing of Sulphate of Ammonia after plants have started to grow.

BLOOMSDALE SAVOY. Matures in 40 days. The standard very early sort for home and market garden. Plants upright and compact, attain height of 10 to 12 inches and spread 12 to 15 inches. Leaves large; blistered and crumpled; rich deep, glossy green; of splendid quality. Pkt. 10c; oz. 25c; ¼ lb. 75c.

GIANT THICK LEAVED. Matures in 43 days. Decidedly the best of the round seeded thick leaved sorts. Because of the enormous yield, long standing character, and the deep green color and smooth character of the leaves, this is highly recommended for canning as well as for home and market garden. Leaves very large, thick broad arrow-shaped with rounded tip. Easy to wash free of sediment. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



RADISH, EARLY SCARLET TURNIP, WHITE TIPPED

SALSIFY (Oyster Plant)

MAMMOTH SANDWICH ISLAND. Great improvement over the ordinary type, producing long smooth, thick roots of an even straight growth. Flesh almost white. Pkt. 10c; oz. 50c.

WE CARRY A COMPLETE LINE OF POULTRY SUPPLIES

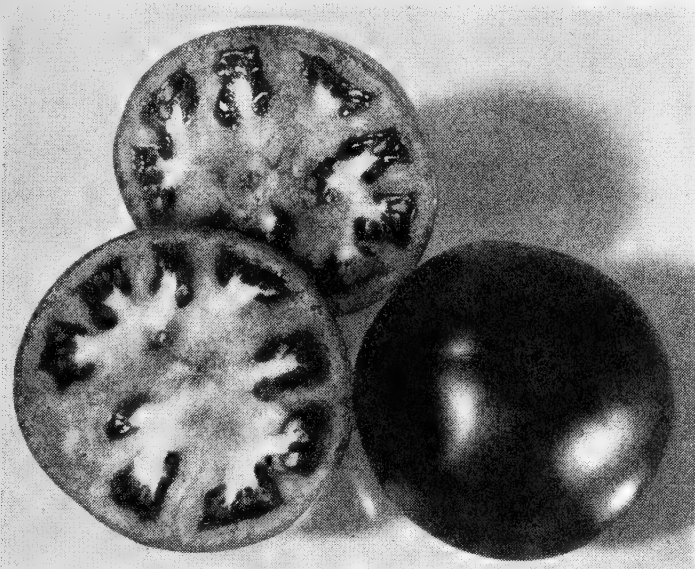
ORDER EARLY. We will be short of help again this season. Order early so we can get your order out before the rush sets in. Thanks for your kind cooperation.



VEGETABLE SEEDS

TOMATOES

CULTURE. Sow the seed in hotbeds in early March, moving plants to cold frame when of suitable size. Harden off in cold frame until conditions are right in the field for their transplanting. Too frequent watering is harmful, especially spraying the plants. Just a moderate amount of water should be applied at the roots at regular intervals.



TOMATO, BONNEY BEST

BONNEY BEST. One of the very best early varieties for table and canning. Very full flavored and slightly acid. Vine medium, not very heavy growing. Fruits medium sized, apple shaped, smooth; solid, bright scarlet in color and of exceptional quality. Pkt. 10c; oz. 75c. Postpaid.

MARGLOBE. Our stock of Marglobe is bred directly from seed originated by the U. S. Department of Agriculture. This variety has come into wide use by truckers and shippers and in some sections by canners. Plant vigorous, with heavy foliage, resistant to wilt and nail-head rust; moderately productive. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross-sections of fine quality. Pkt. 10c; oz. 75c. Postpaid.

EARLIANA (Special Market Gardener Strain). A first early sort, widely used for home gardens and by truckers. Ours is one of the several excellent strains of this important variety which has been bred for thicker, smoother fruits. Vine is open, spreading, medium small. Fruits flattened, medium sized, form, bright, red, quite smooth. Pkt. 10c; oz. 75c. Postpaid.

CHALK'S EARLY JEWEL. A second early sort for home gardeners and truckers, also good for canning. Plant medium, with open growth; prolific. Fruits medium large, smooth, scarlet, flattened globe-shaped. Pkt. 10c; oz. 75c. Postpaid.

Small Fruited Varieties

YELLOW PEAR. Pkt. 10c, postpaid.

YELLOW PLUM. Pkt. 10c, postpaid.

HUSK TOMATO or GROUND CHERRY. Small, round, yellow fruits about half an inch in diameter, enclosed in a thin husk. Very deliciously sweet. Excellent for preserves. Pkt. 10c, postpaid.

SQUASH

CULTURE. Do not sow squash seed until all danger of frost is past. Put a spadeful of well rotted manure in each hill and dig it in well. Sow 8 to 10 seeds in a space one foot in diameter and later thin to the strongest three plants. Eight ounces of seed will plant 100 hills; 2 to 3 pounds per acre. In gathering winter squash it is important to keep the stems from being broken off.

IMPROVED WARTED HUBBARD. Standard winter squash for home, market and shipping. Fruits medium large; commonly 9 to 10 inches through; globular, dark bronze green, moderately warted; rind very hard and strong; flesh very thick, deep orange-yellow, fine grained and dry; of splendid quality. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

BANANA or SWEET POTATO. An excellently flavored winter squash. Fruit commonly 18 to 24 inches long and about 7 inches in diameter. The skin is gray-blue and not so hard as that of the Hubbard, while the flesh is fine grained, deep yellow, dry, sweet and of prime quality. Good keeper. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

TABLE QUEEN or DES MOINES. Very early; extremely prolific; one of the most popular for home and market garden and shipping. Fruits pointed acorn shape; 5½ inches long and 4 inches through; uniformly ridged; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet. Vines yield prolifically and fruit matures in about 100 days. Fine for baking and serving in halves. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

YELLOW SUMMER STRAIGHTNECK. Well known. Fruit long, skin very much warted; bright golden yellow. Pkt. 10c; oz. 25c; ¼ lb. 75c.

WHITE BUSH SCALLOP. A very early variety with flat, white scalloped squashes 4 to 6 inches in diameter. Vine bushy in habit and dwarf. Pkt. 10c; oz. 25c; ¼ lb. 75c.

MAMMOTH CHILI. The largest squash. Used for stock feeding. Immense size means heaviest yield per acre. Pkt. 10c; oz. 25c; ¼ lb. 75c.



ZUCCHINI (Italian Marrow). This is a new dark skinned type more desirable than former types. Matures in 65 days. Straight, almost cylindrical. Grows to a length of 18 inches and 4 inches in diameter. Fruits smooth, rich dark green with no striping or mottling. The favorite summer squash. Pkt. 10c; oz. 30c; ¼ lb. 90c.

TURNIPS

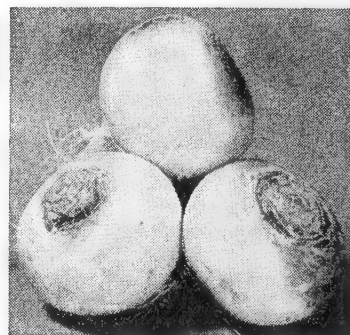
ONE OUNCE will seed 100 feet; 2 pounds will sow an acre. Turnips do best in highly enriched soil of light, sandy texture. Sow in drills from 12 to 15 inches and thin early to 8 or 9 inches apart.

PURPLE TOP STRAP LEAF.

Ready for the table in 45 days. Very important home and market garden sort. Tops small, erect, compact. Roots flat, become 5 inches in diameter and half as thick; purplish red above and white below; flesh clear white, fine grained, mild. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

PURPLE TOP WHITE GLOBE. Matures to table size in 55 days. Full size in 70 days. The standard home, market garden and shipping sort for table use. Tops medium large, compact, strap leaved. Roots globular, smooth; bright purplish-red above, white below; become 5 to 6 inches in diameter; flesh white, firm; fine grained and tender when young. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.

WHITE EGG. Ready for the table in 55 days. Tops erect, fairly compact; cut-leaved. Roots white, smooth, grown one-half above ground, egg shaped, 3 inches long; flesh white, firm grained, sweet and tender. Pkt. 10c; oz. 25c; ¼ lb. 75c. Postpaid.



TURNIPS, PURPLE TOP STRAP LEAF

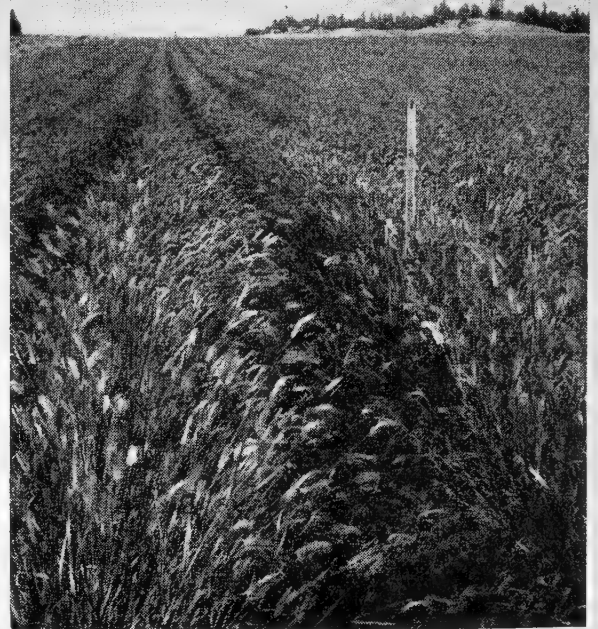
FIELD GRASS SEEDS

Write for Quantity Prices



RED TOP GRASS

CRESTED WHEAT GRASS. Here's a grass that no amount of drought can kill out. If you have real dry land in which you have been unsuccessful in getting a profitable stand of grass or hay, plant Crested Wheat Grass. A little preparation of the soil and the sowing of 15 pounds per acre of this dryland grass will solve the problem presented to you each year by that dry land. Crested Wheat Grass makes a palatable hay, produces well and will not kill out. In spite of the severe droughts in the middle west, Crested Wheat Grass has held its own, producing feed where all other grasses failed. The crop of seed is extremely short this year and our supply quite limited, so order early. This grass is the first to start in the spring and the first to spring to life when fall rains come. It stands the severest cold weather and best of all, the hottest and driest summer weather. Lb. 40c; 10 lbs. \$3.50, postpaid.



CRESTED WHEAT GRASS

RED TOP (Herds Grass). Sow 12 to 15 pounds per acre. This is one of the most valuable and satisfactory grasses in all localities. Thrives on low ground, where water stands late in the season. Red Top should be included in all mixtures intended for permanent pastures or hay. It makes excellent pasturage and is ideal for hay. When well established it spreads and will supplant other grasses. Fine for hillsides, will prevent erosion. Matures at the same time as Meadow Fescue, Orchard Grass, Tall Oats Grass and Timothy. Lb. 50c; 10 lbs. \$4.50, postpaid.

TALL MEADOW OAT GRASS (Evergreen Grass). This grass seems to make more leafage and grazing, a larger yield of hay and to keep green longer, both during the winter and summer, than most grasses. It is especially adapted to heavy soils. It withstands heat and drought and the cold of winter; starts very early in the spring and continues late in the fall. For hay it can be cut twice in a season, frequently producing doubly as much hay as timothy. Ripens at the same time as Orchard Grass and Red or Alsike Clover. Thrives on uplands but gives excellent results on nearly all soils and better than most grasses on light and sandy soils. When sown alone, sow 25 to 30 pounds to the acre either in spring or fall. Lb. 60c; 10 lbs. \$5.50, postpaid.

KENTUCKY BLUE GRASS. Sow 20 to 30 pounds per acre. There is no better grass for permanent pasture than Kentucky Blue Grass. It is nutritious, palatable and a heavy producer. Except in very light soils it should be included in every mixture. Very hardy, spreads freely, produces abundantly, withstands drought and cannot be tramped out. Lb. 60c; 10 lbs. \$5.50, postpaid.

WINTER BLUE GRASS (Poa Bulbosa). "The Grass That Grows When Other Grasses Sleep." Poa Bulbosa reverses the normal order of growth and produces winter grass while other crops are dormant. It is a perennial and distantly related to Kentucky Blue Grass. Cattle eat Poa Bulbosa readily and greatly relish this grass either in the green stage or as dry pasture. Poa Bulbosa can be winter pastured and toward spring the cattle removed to permit the grass to grow to full development when it can be either dry pastured or cut for hay. It supplies winter grazing when all other grasses are dormant. Will not become a pest. Requires no further seeding when once established. Plant in the fall or early winter, seeding at the rate of 25 pounds per acre. Poa Bulbosa can be combined with alfalfa resulting in two crops from the same piece of ground; hay crops in the summer and pasture during the winter. Postpaid, small lot price, 60c lb. Write for quantity prices.

OREGON RYE GRASS. A rapid grower, very winter hardy, leaves and stems medium fine, stools heavily, has a bright green color. Excellent for pasture or for hay. Plant with Ladino Clover to prevent bloat. Sow 20 pounds per acre. Lb. 35c; 10 lbs. \$3.00, postpaid.

BROME GRASS. Will stand drought and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest growers and succeeds on our dry hillsides. Sow 35 pounds per acre. Lb. 50c; 10 lbs. \$4.50, postpaid.

APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by **NITRAGIN** with

SINCE 1898

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDEZA
PEANUTS
BEANS
ALL-
LEGUMES

1944 NITRAGIN INOCULATION PRICES
When Ordering, ALWAYS State Name of Seed

<p>ALFALFA Sweet, Bur, Hubam Clovers Size Retail 1 bu. ea.\$.50 2½ bu. ea. 1.00</p> <p>CLOVERS Medium & Mammoth Red, Alsike, Crimson & White Clovers 1 bu. ea.\$.50 2½ bu. ea. 1.00</p> <p>PEAS (All Varieties) VETCHES (All Varieties) 100 lb. size (Inoculates up to 100 lbs.) ea.\$.50 1200 lb. size ea. 5.70 (12-100 lb. size cans)</p> <p>BEANS—Navy, Pinto, String, Wax, Kidney 1 bu. ea.\$.35</p> <p>LESPEDEZA Hulled or Unhulled 100 lb. size (Inoculates up to 100 lbs. seed)\$.50</p>	<p>PEANUTS, LIMA BEANS, COW PEAS Size Retail Small (Inoculates up to 120 lbs. seed)\$.30 5 bu. ea.55 25 bu. (one can) ea. 2.50 30 bu. (one ctn.) ea. 3.25 (Contains 6-5 bu. cans)</p> <p>SOYBEANS (All Varieties) Small (Inoculates up to 120 lbs. seed)\$.30 5 bu. ea.55 25 bu. (one can) ea. 2.50 30 bu. (one ctn.) ea. 3.25 (Contains 6-5 bu. cans)</p> <p>LUPINES (All Varieties) 100 lb. size (Inoculates up to 100 lbs. seed) ea. \$.50</p> <p>GARDEN SIZE Garden Peas and Beans Sweet Peas and Lupines Enough for 8 lbs. seed Retail Price 10c each.</p>
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NITRAGIN—Oldest and Most Widely Used Inoculator in America

FIELD GRASS SEEDS (Continued)

TIMOTHY, the Most Extensively Grown Hay Grass. Sow 12 to 15 pounds per acre. For hay, timothy is the best known and most extensively grown of all grasses. A stand is easily established, it is inexpensive to sow, it starts quickly and yields its best crop the year after it is sown, but the following year's crop may be equally as heavy if liberally top-dressed with manure. The yield on good land frequently runs from 1½ to 3 tons per acre. Meadow Fescue or Kentucky Blue Grass, Red Top or Herds Grass and Ladino Clover all mature at the same time as Timothy, and are good grasses to sow with it for hay and pasture. A good mixture is 6 pounds Timothy, 5 pounds Red Top, 7 pounds Meadow Fescue and 4 pounds Ladino Clover. Sow this mixture at the rate of 20 pounds per acre. Per lb. 25c; 10 lbs. \$2.25, postpaid. Write for quantity prices.

ORCHARD GRASS. The greatest pasture and hay grass. A very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing from early spring till winter. It adapts itself to a variety of soils, provided they are well drained, but succeeds best on loamy uplands or moderately stiff soils, although it does quite well on soils that are inclined to be sandy. A mixture of 15 pounds of Orchard Grass, 12 pounds of Tall Meadow Oat Grass and 8 pounds of Red or Alsike Clover has proved very satisfactory, is recommended for hay and pasture. When sown alone, plant 30 to 35 pounds per acre. In a mixture as above, sow 20 pounds per acre. Lb. 65c; 10 lbs. \$6.00; postpaid. Write for quantity prices.

ENGLISH RYE GRASS (Perennial). A quick grower and excellent for pasture or hay. Unlike Oregon Rye Grass, English Rye is a perennial which persists for years. It is a heavy

yielder and of excellent quality as hay. English Rye Grass should be used in every pasture or meadow mixture. Postpaid, small lots price, lb. 50c; 10 lbs. \$4.50. Write for quantity price.

SUPERIOR REED CANARY GRASS. This grass is a selection made at Oregon Experiment Station from the common low-land type of Reed Canary Grass. It yields heavy forage crops on higher, better drained soils that get quite dry during summer months. It is perennial, is winter hardy. Starts early in the spring, has excellent seed producing habits. High palatability and nutritive values and matures uniformly for hay and seed. Postpaid, small lot price, \$1.00 per pound. Write for quantity price.

MONARCH MEADOW MIXTURE. This is a combination of grasses and clover, ideal for permanent pasture or for hay. Combined the following grasses and clover in perfect proportions: Eng. Rye Grass, Kentucky Blue Grass, Tall Fescue, Tall Oat Grass, Timothy, Alsike, Red and White Sweet Clover, and Orchard Grass. We have sold this blend for years and receive many compliments on the mixture. Plant Monarch Meadow Mixture for a really fine pasture. Lb. 45c; 10 lbs. \$4.00; postpaid. Write for quantity price.

SUDAN GRASS. A wonderful quick-growing Summer Hay Grass. An annual with short fibrous roots that are killed by frost. Because of this characteristic, Sudan Grass will never become a pest as will Johnson Grass. Its greatest value is for hay, which is well liked by stock—the entire plant, leaves, stems and heads, is eaten. Sow 5 to 6 pounds to the acre in 2-foot rows; 20 to 25 pounds broadcast. By mail postpaid, lb. 25c; 5 lbs. \$1.00. Write for quantity prices.

ALFALFA and CLOVER SEEDS

LADINO CLOVER

A Favorite Among the Clovers



LADINO CLOVER

CLOVERS

RED CLOVER. The standard clover for all purposes. Makes an excellent hay when mixed with timothy. Succeeds well on most any soil. Inoculate seed before planting and you'll be sure to get a stand. Lb. 60c; 10 lbs. \$5.50, postpaid. Write for quantity prices.

ALSIKE CLOVER. This is a perennial adapted for hay or pasture. A valuable crop for bee pasture. Does well either on poor dry soils or in wet rich soil. Being finer, brighter and not so dusty. Alsike hay is preferred to Red Clover. Inoculate all clovers and be sure to get a stand. Lb. 60c; 10 lbs. \$5.50, postpaid. Write for quantity prices.

ALSIKE-TIMOTHY MIXTURE. Many farmers plant this mixture because of its economy. We offer a blend which will run about 80% Alsike Clover and 20% Timothy for considerably less than the regular price on straight Alsike. If interested please write for prices and sample.

LADINO CLOVER will pasture more cattle and hogs than any other clover with the possible exception of Strawberry Clover which is fast coming into importance as a clover pasture crop. Ladino is perennial, heavy producing and very palatable. It grows 12 to 18 inches tall. Ladino increases milk flow, improves soil, will thrive on shallow moist soils and is the first clover to awaken in the spring and the last plant to quit in the fall. Prepare a fine seed bed and sow the seed at the rate of 6 pounds per acre. Cover lightly with a brush harrow. If you use a sloping tooth harrow, set the teeth back to the limit to void covering too deeply. To prevent bloating include grasses such as Rye Grass, Orchard Grass or Fescue. Prices: Blue Tag, \$2.00 per lb.; Red Tag, \$1.90 per lb.; Pasture Grade (contains Alsike Clover), \$1.35 per lb. Prices postpaid. Write for quantity prices.

WHITE BLOSSOM SWEET CLOVER. Sweet clover is one of the most important soil improving crops. Withstands adverse conditions of soil and weather better than alfalfa and red clover. Does not winterkill. Produces more on this land than alfalfa and red clover and is equal to alfalfa and red clover in nutritive value. Sow it on lands too poor, too worn out, too sandy for other crops and bring the land into condition to produce profitable crops. Make the seedbed fine and compact and cover the seed lightly. Inoculate with Nitragin, listed below. Plant 20 pounds to the acre from February to March. We offer only scarified, hulled, fancy seed, free of dodder, of high purity and germination. Prices postpaid: Lb. 40c; 10 lbs. \$3.50. Write for quantity prices.

CRIMSON CLOVER. Very productive and greedily eaten by cattle. An annual clover. Remains green longer than Red Clover and is excellent for bee food. Largely used for green manuring. Sown in August it may be plowed under the following June. Sow 15 lbs. per acre. Per lb. 30c; 10 lbs. \$2.50, postpaid. Write for quantity prices.

ALFALFA AND CLOVER SEEDS (Continued)

LOTUS CORNICULATUS is a stranger to most farmers. Because it is a stranger to you does not mean that it is not deserving of your very serious consideration. This legume plant is called by some, "The Jungle Plant" because of its profuse growth. Lotus is a long-lived perennial which starts growing early in the spring and produces throughout the season until late fall. In our valley it yields heavy hay crops and will equal alfalfa in nutrition and yield. It will grow in more acid soil than alfalfa and thrives in fields with poor drainage, where alfalfa will not grow. In addition, close pasturing kills alfalfa, whereas Lotus thrives under this treatment.

LOTUS is relished by all classes of livestock. It grows on wet land, on irrigated land, or on land too dry for alfalfa. However, it is not a dry land or desert plant. It grows exceedingly well in black gumbo or sticky soil. It outyields Ladino on many farms and does not frost down as early in the fall. Lotus will grow with much less moisture than any other irrigated pasture plant and on the other hand it will grow in swales with the cat tails and tules.

Be sure to give Lotus a trial—you'll be a Lotus booster once you become acquainted with its fine habits and its possibilities as a hay or pasture legume of high yield.

CULTURE. We recommend five pounds of seed per acre, sown in the early fall or early spring. Plant as you would clover in your section. Be sure to inoculate seed before planting. When used for hay we suggest planting it with Timothy, Tall Fescue, Orchard Grass or Perennial Rye Grass to help hold up the Lotus and prevent bloating. A few pounds of Lotus scattered on your old meadow should establish a stand after the second season. Can be planted with a grain nurse crop. Do not plant too deeply. Lotus will never become a pest for it is easy to eradicate.

Chemical analysis of Lotus Hay shows it to be on a par with the very best alfalfa.

	Lotus	Alfalfa
Protein	14.24%	14.70%
Fat	2.90%	2.00%
Fiber	29.60%	29.00%
Calcium	1.10%	1.43%
Phosphorus28%	.25%

Prices: \$2.50 per lb. in 1 to 10 lb. lots; 10 to 25 lb. lots, \$2.40 per lb., postage paid. Write for quantity prices and further data.

STRAWBERRY CLOVER. This clover is a perennial, low-growing, pasture legume, spreading vegetatively by creeping stems that root at the nodes. The leaves, stems, and habit of growth are somewhat similar to White Clover, making it generally difficult to distinguish, when not in bloom, from certain types of White Clover. The tolerance of Strawberry Clover to seeped, saline and alkaline soils containing concentrations of salts that inhibit the growth of most other crop plants is of particular importance. The growth of this clover is not limited to salty conditions, as it will thrive on low, wet, non-saline soils as well. Although it will live on relatively dry conditions and will survive short periods of drought the clover will not make sufficient growth to warrant its use on dry lands. Seed early in the spring on a firm, moist seed bed. Sow 4 to 5 lbs. seed per acre and cover lightly. Once a stand of Strawberry Clover is established it will stand unlimited pasturing without damage, differing greatly in this respect from ordinary clovers in that they will thin out under heavy grazing while Strawberry Clover will thicken up and hold fast to the ground. Prices: Fancy seed, \$1.25 per lb.; 10 lbs. \$11.50, postpaid. Write for quantity prices.

ALFALFA SEED

LADAK ALFALFA. This comparatively new variety gives promise of becoming popular and rightly so for it has developed that Ladak is ideally adapted to dry soils which cannot successfully grow the more common varieties. Ladak Alfalfa will produce one heavy crop on dry soils, after which, in case the moisture is not sufficient to continue its growth, it will survive through the season to come again after winter rains have



Prof. G. R. Hyslop, Chief of Farm Crops Department, Oregon State College. C. C. Hoover, Lotus grower. County Agent R. G. Fowler and Prof. H. A. Schoth, Forage Crops Investigator, U. S. D. A. inspecting field of Lotus.



Mr. Eugene Thorndike, Manager Medford Branch First National Bank in seed-field of Lotus. Note dense growth of crop.

revived it. Other varieties of alfalfa will almost completely die out but not so with Ladak. It may appear completely dead, but will come again, when fall rains bring moisture. Ladak is likewise strongly resistant to freezing. In many tests Ladak has proved superior to all others for the cold and dry conditions found in the northern Great Plains areas and it has also given good results under irrigation in the Northwest. If you desire further information on Ladak alfalfa write us for descriptive bulletin. Lb. \$1.10, postpaid. Write for quantity prices.

GRIMM ALFALFA. The hardiest of all alfalfa and will stand the severest winters of our mountain sections. It has a branching root growth that gives the plant a firm hold on the soil and prevents heaving by frequent freezing and thaws, and also adapts it to shallower soils. If your soil has a hardpan near the surface, or if your farm is in the mountain section, it will pay you to give Grimm the preference. Being short rooted, Grimm will thrive on soils where the water table is close to the surface. Grimm is very leafy and fine stemmed and is preferred by most hay buyers. Sow Grimm 8 pounds per acre after frost danger is over. Fertilize with Soil Sulphur or Superphosphate for bumper crops the first season. We handle only State Sealed and Certified Grimm seed. Lb. \$1.10; 10 lbs. \$10.00, postpaid. Write for quantity prices.

COMMON or CHILEAN ALFALFA. This is the popular long-rooted variety so universally grown. Best adapted to deep soils. We handle only the hardiest types of Chilean, selecting our seed from growing districts which produce seed of true type. Our mountain grown seed will produce stands of longer duration and prove more profitable to plant. Lb. 75c; 10 lbs. \$6.50, postpaid. Write for quantity prices.

Quality

WHAT DOES IT MEAN?



UNION BEARDLESS

*Union
Beardless
Barley*

Quality in seed grain is reflected in heavier crops. Quality seed, seed that is free of weeds and inert material, is bound to give you greater returns per acre in yield and if you harvest a clean crop suited to seed purposes you are naturally going to secure a premium when you sell. We offer only the best in varieties. Because of our modern cleaning facilities you are also assured the cleanest and highest quality seed grain.

"NOT A BEARD IN A BUSHEL." This is no exaggeration, for the seed we offer came to us direct from the Experiment Station at Union, Oregon, where this variety originated. This stock seed was in turn placed in the hands of one of Southern Oregon's most careful seed growers who produced from the original seed stock, the seed we offer you. Inspection of the growing crop convinced us that we at last had really obtained what could be truly sold as Beardless Barley for scarcely a beard was visible in any given area or section of the field.

UNION BEARDLESS BARLEY is leafy thus lending itself suitably for hay. It is heavy yielding both in straw and grain. The yield of threshed grain went 89 bushels per acre. Union did not lodge and the straw is soft and heads well filled. If you are seeking a truly beardless barley you'll make no mistake in planting UNION BEARDLESS. Union Beardless is twice proved for Southern Oregon and Northern California. First at Talent, Oregon, in the Southern Oregon Trials and the following year by our grower, Mr. O. H. Bohnert of Central Point, Oregon. Write for prices and sample.

BARLEY

TREBI. A winter-hardy, heavy yielding variety for Southern Oregon. Suited and recommended for spring sowing in colder areas. Trebi yielded 104 bushels per acre at the Southern Oregon Trials at Talent, Oregon. Trebi is very heavy, white in color with a thin hull. Trebi has a good stiff straw, your protection against severe lodging. Trebi has been successfully grown in Southern Oregon as well as Eastern Oregon and is recognized as one of the heaviest yielding bearded strains of barley. Write for prices.

HAANCHEN. Best adapted for spring plating. Used as brewing grain. A good yielder on heavy soil. Haanchen threshes out beard-free and is very popular with feeders by reason of the low fibre content. Haanchen is the heaviest weight barley grown. Not recommended for fall sowing. Write for prices.

OATS

KANOTA. Still the favorite red oat because of its early maturity and heavy yielding qualities. Not particularly suited for fall planting. We recommend Black Swedish or Winter Gray Oats for fall sowing. Write for prices.

WINTER GRAY OATS. Best suited for fall planting. Heaviest yielding oat for hay but matures later than Kanotas. Very leafy with slender stalks. We do not recommend Gray Oats be planted with alfalfa as they are not substantially developed when the first cutting is taken off. Black Swedish would be best for the purpose. Write for prices.

BLACK SWEDISH. Very heavy yielding. Suited best for planting with vetch in the fall as it matures evenly with the vetch. Also fine for spring planting. Bears large kernels, produces abundance of hay, stems coarse but tender and sweet. Heaviest yielding oat for hay. Write for prices.

WHEAT

WHITE FEDERATION NO. 38. (Rust-resistant) Introduced by us in 1941, it proved all that was claimed for it. Heavy-yielding—1942 Talent Trial yield was 72 bushels per acre. Planted on May 4, 1943, this variety yielded 52 bushels per acre without irrigation. Highly resistant to stem rust and bunt smut. Gaining in popularity each year. Beardless variety. Write for prices.

BLUESTEM. Best adapted for spring planting. Used as hay and desired for that purpose as straw, is soft and very leafy and heads are beardless. Write for prices.

BLUE CLUB. This is an old-time favorite. Will not yield as heavily as Federation but is a good combination grain and hay variety. Straw is soft and the stems very leafy. Beardless and grows quite tall. Write for prices.



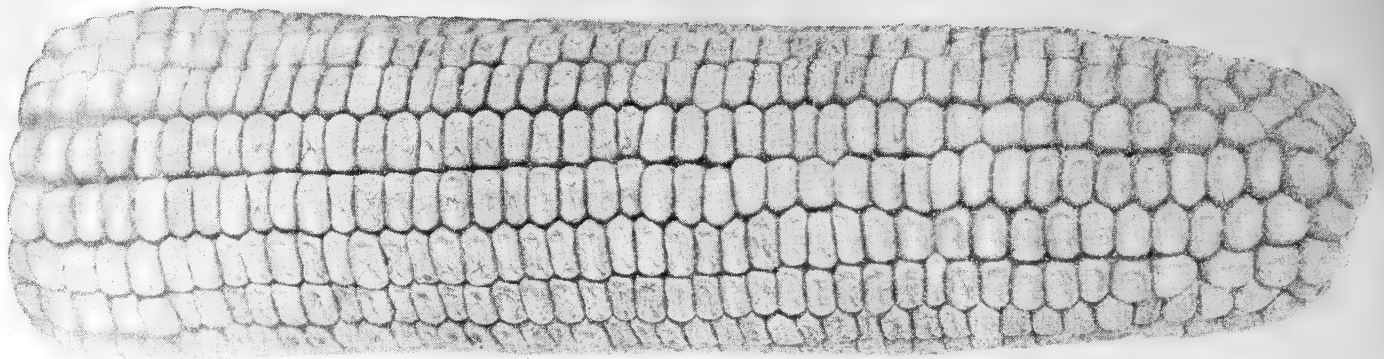
Southern Oregon Trials at Talent, Oregon. Picture portrays a portion of the trials through which is revealed the true yield and qualities of various crops and proof of their adaptability to Southern Oregon and Northern California growing conditions.

HYBRID FIELD CORN

THE AGRICULTURAL
SENSATION OF
OUR CENTURY

HYBRID CORN

OUTYIELDS,
RESISTS HEAT
AND DROUGHT



As in the case of all things new, there has been a certain amount of skepticism regarding Hybrid Field Corn. Many farmers have held back in accepting Hybrid Corn. This skepticism has been gradually replaced with enthusiasm for this new member of the maize family by reason of its performance and higher yields as compared with old fashioned open-pollinated corn. Compare the yields resulting from the 1941 Oregon Extension Department growing tests, shown below, with yields you have been getting and you'll be a believer in Hybrid Field Corn. We venture the guess that 95% of all corn planted in Southern Oregon this past season was Hybrid Corn. Open-pollinated corn has been practically eliminated. By all means try one of our hybrids this year. They are proved.

IDAHYBRID No. 416. A Proved Master Hybrid. Idahybrid No. 416 is still our favorite. We introduced it four years ago after trials proved it adaptable to our section and No. 416 hasn't let us down. Proof of its high yielding ability is shown in the Oregon Extension Field Trials shown below. It is a top producer. You are not experimenting when you plant Idahybrid No. 416. Postpaid, per lb. 30c; 10 lbs. \$2.50. Write for quantity prices.

IDAHYBRID No. 544. Idahybrid No. 544 is a top-yielding corn which matures just a trifle earlier than No. 416. As far as yield is concerned, there is very little difference. Our customers' experience with No. 544 leads us to conclude that it is probably better adapted to lighter soils than 416, although it does well on all types. As is the case with most all hybrids, No. 544 is ideal for silage, producing heavier yields of ensilage than open-pollinated sorts. Postpaid, per lb. 30c; 10 lbs. \$2.50. Write for quantity prices.

WISCONSIN No. 695. Wisconsin No. 695 was the highest-yielding grain type hybrid field corn in the 1940 Extension Trials. It also performed well in the 1941 trials. Probably the earliest maturing variety yet tried in Southern Oregon. This variety also surpassed most other varieties in the trials for percentages of corn shelled out. If you want an early maturing hybrid plant Wisconsin No. 695. Postpaid, per lb. 30c; 10 lbs. \$2.50. Write for quantity prices.

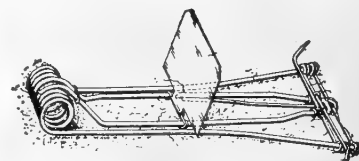
IDAHYBRID No. 680 SILAGE CORN. If you are after maximum yields for silage plant No. 680. It outyields all others in green growth and actual ears of grain. Does not lodge and is easily cut with binder. Grows to uniform height, resists cold, drought and heat. Postpaid prices: Per lb. 30c; 10 lbs. \$2.50. Quantity price on request.

WHY PLANT HYBRID CORN?

- Stiff stalks—large roots—hold it straight in wind or hail—thus easier picking by hand or machine.
- A vigorous grower under good or poor soil and weather conditions.
- It yields 20 to 30 bushels MORE per acre.
- Stalks stay green after corn is ripe.
- You can grow more and better corn on fewer acres.

MACABEE GOPHER TRAP

There are more Macabee traps sold than all other makes combined. They are inexpensive and very efficient. Designed for exterminating the wily Pocket Gopher. Weight 1/2 pound.



Price,
35c each
postpaid.

JACKSON COUNTY EXTENSION TRIALS, 1941

Grower	Variety	Bushels Per Acre	Moisture at Harvest	Percent Shelling
Salsgaver	Wis. 606	63.0	39.0	84.8
	Ida. 425	52.3	39.3	82.9
	IDAHYBRID 416 . . .	104.9	36.7	83.4
Russell	Wis. 525	73.2	41.8	83.2
	Iowa 939	81.5	36.6	81.8
	IDAHYBRID 544 . . .	101.4	35.8	81.5
Wolff	Yellow Dent	41.1	19.4	83.0



IDAHYBRID Field and Sweet Corn is grown for us under the supervision of hybridizing experts who demand exacting and meticulous work on the part of field crews. This is a detasseling crew at work in a field of IDAHYBRID No. 416.

"Dead Sure" Gas Ball RODENT DESTROYERS

This is a gas ball which, when lighted and placed in the proper position down in the runway, pours forth a deadly, poisonous gas that carries death to any living thing in the burrow. Although it means absolute destruction to the rodents it is perfectly safe for the user to handle without injury. Keep indefinitely. Instructions for use with each order. Dozen, 75c, postpaid. Write for quantity prices.



MISCELLANEOUS SUPPLIES

New Improved CERESAN—for Seed Grains



New Improved CERESAN is unusually effective for controlling bunt or stinking smut of wheat, loose and covered smuts of oats, covered smut and stripe of barley, and seedling blight caused by seed-borne scab. It costs but 1 1/8 to 2 1/8 cents a bushel of seed, as only 1/2 ounce of dust is used. Is easily and quickly applied—requires only twenty revolutions in a rotary treater or three turnings with the shovel. It is non-injurious to the drill. Frequently improves the stand of grain and increases yields. Reduces losses from smut and dockage. Cannot be mailed.

Prices: 1-lb. tin, 80c; 8-lb. tin, \$5.40.

Caution—Treat 24 Hours Before Using.

New Improved SEMESAN BEL for Seed Potatoes

This easy potato dip disinfectant lowers the cost and improves yields. Just dipping seed potatoes in SEMESAN BEL solution eliminates such diseases as scab, rhizoctona and black leaf. Improves germination and produces bigger crops. One pound treats 70 to 80 bushels of seed.

Prices: 2-oz. envelope, 30c; 1 lb. \$1.65; 4 lbs. \$5.70; 25 lbs. \$33.25, not prepaid. Pamphlet free.



New Improved SEMESAN JR.—for Seed Corn



A simple, quick, inexpensive dust treatment with SEMESAN JR. destroys harmful disease organisms on the seed, protects seed from rotting in cold, wet soil, controls seedling blight, reduces root and stalk rots, and generally increases crop yields. Harmless to seed corn. Does not slow up rate of drop. Only 2 ounces necessary per bushel of seed field or sweet corn. Costs only 2 1/2 cents an acre.

Prices: 1 1/2 oz. pkg. 15c; 1-lb. can, 75c; 5-lb. can, \$3.00. Cannot be mailed.

SEMESAN—for Flower and Vegetable Seeds



Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seed, bulbs, roots, corms and tubers with SEMESAN. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings. Costs 1/4 to 1 cent a pound as one ounce treats 15 to 30 pounds of seed. Not mailable.

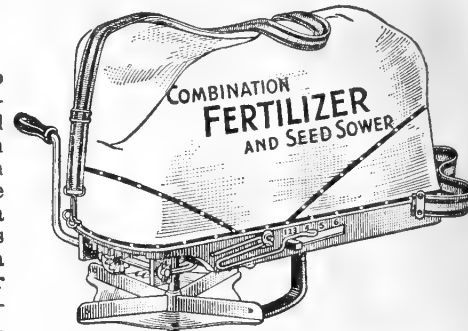
Prices: 2-oz. tin, 40c; 1-lb. tin, \$2.50; 5-lb. tin, \$11.40; 25-lb. pail, \$52.50.

COMBINATION FERTILIZER and SEED SOWER

This Dual Purpose Machine is designed with extra heavy gears and brass bushed bearings for hard service and long wear.

SPECIAL VALUE TO FARMERS—

It is of special value to farmers who wish to apply their fertilizer or seed early in the spring when the soil is still wet from early thaws. It can be used anywhere that a man can walk, since it is carried by means of a strap over the shoulder of the operator. It is especially useful on steep, rough, irregular grass lands. Then, too, the proper time for such fertilization comes so early that the soil is usually too wet for the use of a team or tractor.



SOWS ANY KIND OF SEED AS WELL AS FERTILIZER—

The Combination Sower also broadcasts all kinds of seed, such as clover, timothy, millet, sudan grass, alfalfa, wheat, etc., perfectly in desired amount per acre.

Packed 1 in a shipping carton. Price \$4.00. Shipping weight each 7 lbs. \$4.25, postage paid.

IT'S IMPORTANT TO FEED ALL VICTORY GARDENS

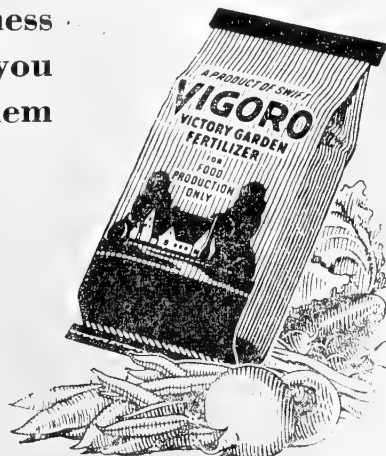
That Victory Garden of yours is an important cog in the home front picture that is playing an important part in winning the war. Don't fail to feed it properly! A square meal has tremendous importance in assuring gardening success.

We recommend that you feed your Victory Garden with Vigoro Victory Garden Fertilizer. It is a complete plant food . . . the kind of square meal that assures vegetables richer in flavor, tenderness and nutritional value. It helps you get the **BIG YIELDS** and to get them **e-a-r-l-i-e-r**.

Prices:

100 lb. bag	\$3.70
50 lb. bag	2.35
25 lb. bag	1.45
10 lb. car.80
5 lb. car.50

A Product of Swift & Company



NOW YOU CAN GET VIGORO COMPLETE PLANT FOOD



FOR LAWNS AND FLOWERS

Uncle Sam has released Vigoro for use by gardeners in feeding lawns, flowers, shrubs and trees. Beautiful gardens have been found essential to a strong civilian morale. Use Vigoro for top beauty and enjoyment from your outdoor living room.

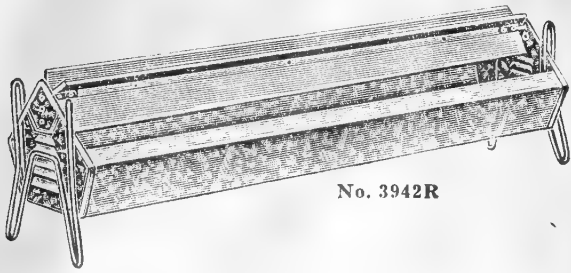
Prices:

100 lb. bag	\$3.50
50 lb. bag	2.30
25 lb. bag	1.40
10 lb. bag70
5 lb. bag45
1 lb. car.10

Poultry Equipment

F. O. B. Medford Unless Otherwise Noted.

CHICK FEEDER TROUGHS



No. 3942R

CAT. No. 3942R—OAKES BROILER TROUGH with 4-blade revolving reel. Adjustable wire stand keeps litter out of trough. Adjust as chicks grow. Trough is 6¾ in. wide, 3 in. deep. Made of 26-gauge galvanized steel. A heavy serviceable trough for growing chicks or broilers. 1 in carton, 42 inches long. Shipping weight 19 lbs. Price each \$2.00.



No. 101

Seamless die-stamped one piece trough with all metal revolving reel. Can be used for feed or water. Edges along trough edge are folded and turn in to prevent feed waste. Reel revolves to prevent roosting. Just the trough to start your chicks right.

No. 101—Length 12 in., wt. 1 lb. Each.....\$.22
No. 105—Length 18 in., wt. 2 lbs. Each..... .28

REEL TOP CHICK FEEDER



No. 343

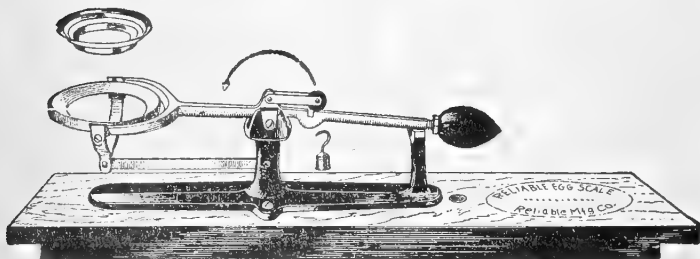
Three lengths, all 4 inches wide, 2 inches deep. Die-stamped ends are inset for strength. Trough of 26-gauge galvanized steel. Reel is adjustable to 3 positions for chicks of any age from day-old to pullet size. Reel revolves to prevent roosting. Turned in flange to prevent feed waste.

No. 343—Length 36 in., shipping wt. 3 lbs. Each.\$1.00
No. 344—Length 48 in., shipping wt. 4 lbs. Each. 1.25



Float Valve No. 168

FLOAT VALVE No. 168. Automatically regulates flow of water into a drinking pan or trough. Made of brass. Float and arm may be raised while pan is removed for cleaning. May be used with any type crock, pan or trough. Weight 1 pound. Each \$1.35.



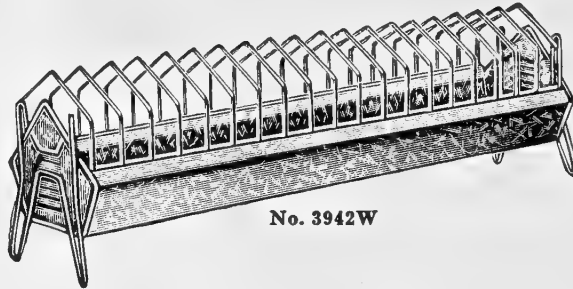
THE RELIABLE EGG SCALE

Built for speed and accuracy. The best built scale on the market. Used and endorsed by the largest poultry dealers and egg packers in the country. Dependable in every sense of the word. Positively accurate. \$3.65 postpaid.

GRO-FAST FEEDERS

No. 233N—Revolving 4-blade metal reel prevents roosting. Adjustable for chicks of various ages. Wire stands permit adjusting trough height as chicks increase in size. Keeps litter out of feed. Trough made of 26-gauge galvanized steel. Flange along edge prevents feed waste. Trough is 5 in. wide, 2½ in. deep. Wedge shaped. Made in two lengths.

No. 233N—Lgth. 36 in., ship. wt. 5 lbs. Each...\$1.30
No. 736N—Lgth. 36 in., ship. wt. 6 lbs. Each... 1.40

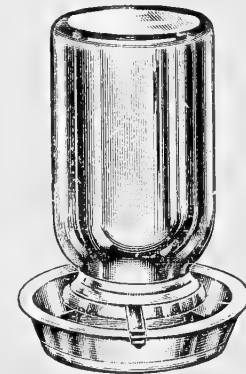
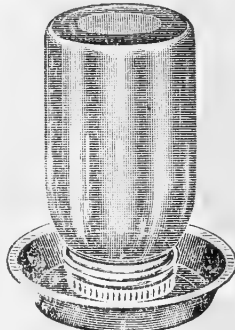


No. 3942W

No. 3942W — OAKES BROILER TROUGH with hinged wire grill. Keeps chicks from fighting at the trough. Grill lifts for easy filling and cleaning trough. Same dimensions as reel type shown at left. Can be used for small pullets. Made in 42-in. length only. One in carton, weight 10 lbs. Price each \$1.95

SCREW CAP TYPE ENAMELED PAN, for use on Mason jars. Jar screws in cap which is spotwelded to pan. Die-stamped pan with curled edge. Pan 6 in. diameter. Attractively finished in air-dry enamel. Jars not furnished.

No. 69B. Shipping wt. packed, lb. each. Price each 15c; \$1.50 doz.



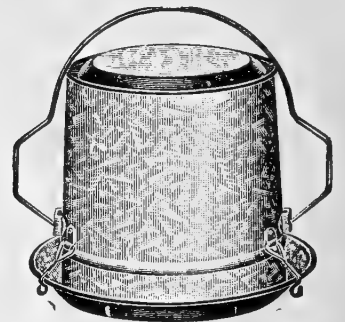
MASON JAR FOUNTS. Glass Pan, Clip Type. Fine for buttermilk feeding or watering chicks. Clip attaches to any size Mason jar. Pan is heavy molded glass with smooth edge. Jar and clip quickly detached for filling.

Cat. No. 365G. Shipping weight, packed lb. each. Price each 15c; \$1.65 per doz.



No. 20

No. 20S—OAKES EGG SCALE and GRADER show weight of each egg and weight per dozen on double dial. Accurate, dependable, fast. Adjustable to grade eggs of any weight. Working parts rust-proofed. Weighs from 18 to 30 oz. per doz. One in carton, weight 2 lbs. Each \$1.95.



OAKES FOUNTAIN No. 203—Excellent for chicks or grown fowls. Made of heavy gauge galvanized steel. Die stamped pan. Top has two-way swinging bail, permits fount to be carried when filled. Inverts to fill. Pan held in tank by three clips. Easy to clean and fill. Capacity 3 gals. Packed in carton weighing 5 lbs. Price each \$1.75.

No. 202—Capacity 2 gals. Shipping wt. 4 lbs. Price each \$1.65.



Single Wall
No. 100B

No. 100B Tank snaps on to pan which has 6 drinking cups each large enough for two chicks. Tank held in place by friction. Inverts to fill. Handle for carrying. Inexpensive but good. Made of heavy gauge galvanized steel. Capacity 1 gallon. Shipping wt., packed, 3 lbs. Price each 90c.

No. 100C—2 gal. Shipping wt., packed, 5 lbs. Each \$1.25.



K-5 Fount

HUDSON DOUBLE WALL FOUNT No. K5

This fountain is a large capacity, inexpensive, yet substantial piece of merchandise. All-brass self-closing valve holds water in tank when jacket is removed for filling. Convenient inside handle for carrying full of water. Capacity 5 gallons. Weight 12 lbs. Each \$4.20.

HUDSON SPRAYERS

A SPRAYER FOR EVERY PURPOSE
Prices F. O. B. Medford, Oregon

HUDSON "PERFECTION" SPRAYER

Easy fill, open top makes for ease in filling and cleaning. Hudson engineers have perfected the open-mouth principle of compressed air sprayers to the point where "Perfection" is the last word in tank sprayers. When the pump and top assembly is locked in position on the "Perfection", it is there to stay. So is the pressure in the inside of the tank. Four points of contact insure a positive seal. Equipped with an ingenious eccentric type lock to provide quick, secure locking, or safe, easy release. Made either in galvanized or copper. Shipping weight 13 pounds. Four gal. capacity.



No. 210-B

210-G—Galvanized tank 9.45



No. 192-G

HUDSON "LEADER" SPRAYER

"Leader" is representative of the "most for your money". It is substantially built and will take care of maximum wants around the home garden. An outstanding value in a compressed air sprayer. While the quality of "Perfection" will not be found in "Leader" you'll get much valuable service from it. Capacity 3½ gals., shipping wt. 10 lbs. Price each, \$6.40.



No. 120-G

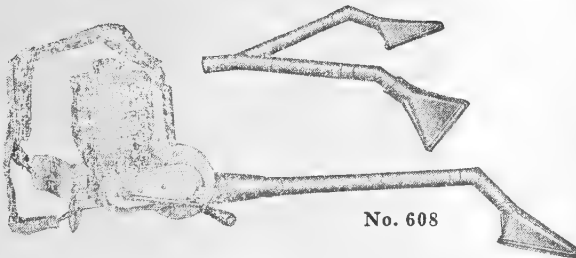
HUDSON "THRIFTY" SPRAYER

The "Thrifty" is intended for the small home owner or "Suburbanite" whose work does not justify the investment in one of the larger capacity outfits, or the labor in handling it. Handles all solutions very effectively. Its convenient size makes it suitable for all work around the home, the flower garden, the back-

yard truck garden and similar places. Capacity 2½ gals., shipping wt. 8 lbs. Price each, \$5.25.

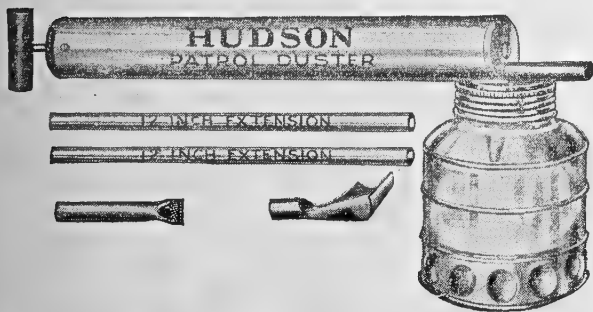
HUDSON "ROTO-POWER" DUSTER No. 608

We are proud to present the new "Roto-Power" Miracle Duster! Built with new super-power—every atom is delivered in a fine, floating dust. The dust flows into the air stream and is whirled through the Roto-Power fan for finest break-up. Twin Agitators, no pressure back-up and no clogging, long wear, economy and comfort. Dust volume control in the "Roto-Power" duster gives you efficiency seldom attained in a large type duster. Discharge equipment, 2 nozzles, wye connection and four 15-inch telescoping tubes. Can be used with one or two nozzles for single or double rows. Shipping weight 15 pounds.



No. 608

No. 608—"Roto-Power" Duster, largest size.....\$17.50



HUDSON "PATROL" DUSTER No. 612. An effective duster for truck gardens and the flower garden. The two 12-inch extensions and two nozzles permit the operator to reach all parts of the plant. Positive force feed construction absolutely prevents clogging. Fitted with special cupped plunger leather. Powder reservoir—glass. Contents always visible. Easy to fill and clean. Capacity one quart, shipping wt. 4 pounds. Price each \$1.30.

The ADJUTANT DUSTER now has a very wide range of usefulness. Handles all powders and gives a very even distribution. Powder reservoir 3x4 in. Shipping weight 3 lbs. Price each, 65c.



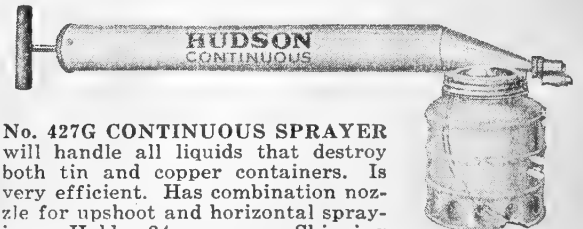
No. 432

HUDSON "CONTINUOUS" SPRAYER No. 432. An exceptionally sturdy unit. Pump passes directly through the top of the tank and is securely soldered, preventing any possibility of parts getting out of alignment. Produces a very finely divided, continuous spray without spitting or streaming. Fitted with double nozzles for particular garden work. Capacity 1 quart, shipping wt. 3 lbs. Price each, \$1.05.



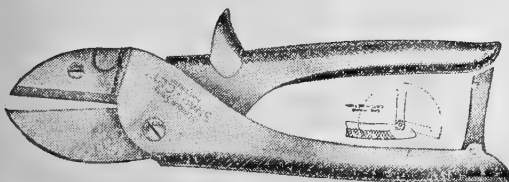
No. 403

No. 403 FOG SPRAYER handles all fly oils and insecticides and does not permit any liquid to drop on rug, chair, etc. The capacity is about 1 quart. Shipping weight 2 lbs. Price each 60c.



No. 427 G

No. 427G CONTINUOUS SPRAYER will handle all liquids that destroy both tin and copper containers. Is very efficient. Has combination nozzle for upshoot and horizontal spraying. Holds 24 ounces. Shipping weight 4 lbs. Each \$1.40.



"SNAP-CUT" out-cuts all other pruners. Orchardists, home and professional gardeners everywhere recognize the "SNAP-CUT" as the most efficient pruner on the market today. A new cutting principle makes for easier cutting. Small in size, light in weight. Its handles are wide, comfortable and non-pinching. Those who have tried "SNAP-CUT" will use no other pruner. Even a child can handle this easy cutting pruning shear. Price each, postpaid anywhere, \$2.65. FREE book, "Secrets of Success in Pruning", sent to you by the manufacturer.

ORTHO
REG. U.S. PAT. OFF.

GARDEN & HOME

PRODUCTS

There's NO SURPLUS
for INSECTS
OR OTHER PESTS

Protect Your Garden...Grow More Food!

ANT-B-GON
Dispensers



**Feed alluring,
uncontaminated
poison constantly**

For Argentine and sweets-eating ants. One or two sets of dispensers are enough for average home.

- Set of four 1-oz. Dispensers.....**60c**
- Ant Poison to refill dispensers (Refill every three to four weeks):
- 4-oz. Bottle.....**20c** 16-oz. Bottle.....**50c**
- 1/2-gallon Bottle**\$1.50**

EXTRAX Insect Spray. The complete, easy to use, home garden insecticide. Use it on vegetables, too. For use against Aphis and many other garden insects. Economical — most dosages use one teaspoonful to a gallon of water.

- 1-oz. Bottle.....**35c** 4-oz. Bottle.....**\$1.00**
- 2-oz. Bottle.....**55c** 16-oz. Bottle..... **2.75**
- 1/2-gallon Bottle..... **7.95**

GREENOL Liquid Fungicide. For certain Powdery Mildews. Contains Spreading and Wetting agents. Use with "EXTRAX" for combination insect and disease spray. 16 ozs. makes 100 gals. diluted spray.

- 1-oz. Bottle.....**35c** 4-oz. Bottle.....**\$.60**
- 2-oz. Bottle.....**45c** 16-oz. Bottle..... **1.50**
- 1/2-gal. Bottle..... **3.95**

GARDEN VOLCK Spray. Has a penetrating "VOLCK" base. Contains Nicotine which increases insecticidal value for more complete spray against sucking insects.

- 4-oz. Bottle.....**35c** 1/2-gal. Bottle.....**\$ 2.50**
- 16-oz. Bottle.....**85c** 5 gallons..... **10.00**



SCRAM
DOG REPELLENT

A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.

- 8-oz. Shaker..... **49c**

VOLCK Nursery & Garden Spray. Envelopes, penetrates and smothers sucking insects like Scale, White Fly, Mealybug and Red Spider. Also a spray carrier and supporting agent for other sprays. Generally diluted 4 tsp. to 1/3 pt. per gallon.

- 4-oz. Bottle.....**25c** 1/2-gal. Bottle.....**\$1.25**
- 16-oz. Bottle.....**50c** 5 gallons..... **5.00**

KLEENUP Winter Spray. An emulsive Oil Spray for use against certain Scale Insects during dormant season. Use with Bordeaux Mixture against Peach Leaf Curl and Peach Blight.

- 16-oz. Bottle.....**39c** 1/2-gal. Bottle.....**85c**
- 5 gallons **\$4.95**

ORTHO
ROSE SPRAY KIT

SPECIAL COMBINATION OFFER. Contains 2-oz. bottle "EXTRAX" for Aphis and other insects and 2-oz. bottle "GREENOL" for use against certain Powdery Mildews. Makes 12 gallons spray. Ideal for vegetable garden use. Complete Kit..... **\$1.00**

CONTAX Pruning Paint. Protect all cuts with this modern plastic pruning and grafting composition. 1 Pint..... **35c**

CALTOX Insecticide Dust. Shaker carton makes it easy to use against Sowbugs, certain Beetles, Caterpillars and Worms.

- 8-oz. Shaker.....**35c** 20-ozs.....**60c**
- 4 lbs..... **\$1.10**

EARWORMICIDE. It costs only 35c and takes very little effort to keep the worms out of 120 ears of sweet corn.

- 4-oz. Bottle.....**35c** 16-oz. Bottle.....**75c**

ORTHO Rat Bait Pellets. New, ready-to-use Red Squill Baits. Poisoned Rats and Mice usually seek underground burrows.

- 2-oz. Carton.....**25c** 6-oz. Carton.....**50c**

ORTHO Rodent Destroyer. Kills Gophers, Rats, Squirrels and Mice. Made by patented formula. Strychnine is impregnated in grain and fruit pellets.

- 6-oz. Carton.....**30c** 1-lb. Carton.....**60c**

NEW!
BUG-GETA
PELLETS
Compressed
BAIT



For use against Snails, Slugs, Cutworms, Sowbugs, Earwigs, Grasshoppers and Strawberry Root Weevil. Half as much bait goes twice as far... Easier to use—just scatter on wet ground—cleaner to handle and more economical. A Metaldehyde-Arsenical Bait.

- 12-oz. Carton.....**25c** 5-lb. Carton.....**\$1.00**
- 2-lb. Carton**50c** 25-lb. Bag **3.60**

BUG-GETA Bait (Meal). Similar in composition and for same uses as BUG-GETA Pellets but in meal form.

- 1-lb. Carton.....**25c** 6-lb. Carton.....**\$1.00**
- 2 1/2-lb. Carton.....**50c** 30-lb. Bag **3.75**

ORTHO Earwig Bait. Guard against Earwig infestations which can become a menace to health. Prepared on a government formula.

- 2 1/2-lb. Bag.....**50c** 6-lb. Bag.....**\$1.00**

Other Famous SPRAY PRODUCTS

- FLOTOX Sulfur.....26-oz. **25c** 4 lbs. **50c**
- Bordeaux Mixture.....1-lb. **35c** 4 lbs. **90c**
- Calcium Arsenate.....1-lb. **25c** 4 lbs. **60c**
- Lead Arsenate (Basic) 1-lb. **35c** 4 lbs. **90c**
- Lead Arsenate (Standard) 4 lbs. **90c**

BOTANO GARDEN DUST



A multi-purpose pesticide for use against Aphis and many other insects and diseases. Duster package, pumps dust right on the plants. Gardeners like it for vegetables because it leaves no poisonous residue.

- 10-oz. Duster.....**\$.49**
- 8-oz. Shaker **.35**
- 1-lb. Refill..... **.50**
- 4-lb. Refill..... **1.10**



THESE ARE THE "MUST HAVES" FOR EVERY GARDEN

"EXTRAX" | "GREENOL" | "BUG-GETA" | "ANT-B-GON"

for use against
NUMEROUS
GARDEN INSECTS

for use against
CERTAIN
POWDERY MILDEWS

for use against
SLUGS, SNAILS
CUTWORMS

for use against
ARGENTINE AND
SWEETS-EATING ANTS

Also ask for Free "ORTHO" Garden Spray Guide

INSECTICIDES AND RODENT DESTROYERS

COOPER'S WORM CAPSULES

Reliable and Effective Destroyer of Stomach Worms, Round Worms and Hook Worms in Hogs, Sheep, Cattle, Dogs and Poultry.

SAFE AND EASY TO GIVE

The worm scourge costs stockmen millions of dollars every year. They constantly eat up profits. They cause stock to show signs of depletion, lack of vitality, and to go down in condition. Stop this scourge with Cooper's Worm Capsules. They are safe, easy to give and never fail to give results. They contain a substance endorsed by the U. S. Department of Agriculture for killing stomach worms, round worms and hook worms. For controlling these worms we recommend Cooper's Worm Capsules above any worm medicine we can supply.

DOSE ACCORDING TO WEIGHT

Hogs, Sheep, Goats, Lambs, Kids and Calves over 40 lbs. and under 200 lbs. give 1 No. 33 capsule. For larger animals 1 No. 33 capsule for each additional 200 lbs. Lambs and kids under 40 lbs. 1 No. 32 capsule.

Postage Paid Prices: No. 32 cap. 2.5 c.c., box 50 capsules, \$2.15.
No. 33 cap. 5.0 c.c., box 50 capsules, \$2.75.



KEMP'S SHEEP BRANDING LIQUID

Is a specially prepared marking liquid for branding sheep. A gallon will brand more sheep than will a gallon of heavier paint. Kemp's scours out at the mill, will not mat or injure the wool fibers, can be applied to a wet or dry sheep, and one branding will last from shearing to shearing. The use of Kemp's is recommended by many sheep and wool growers associations, by scouring plants and by many shepherds in the West. Can be supplied in Black, Red and Green in quart and gallon sizes.



Prices f.o.b. Medford: Quart, \$1.00; gallon, \$3.00. If interested in larger quantities write us.

COOPER'S DRI-KILL

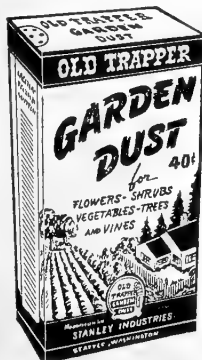


Dri-Kill is one of the most effective powders known for controlling lice. It is ideal for use during the winter and spring when lice are usually at their worst and when it is too cold to dip even if dipping facilities are available. You can apply Dri-Kill by shaking it on the animal or rubbing it on with the hands, or by dusting it on with a dust gun. Dairymen will find Cooper's Dri-Kill just the thing to use to keep lice from reducing the flow of milk. Convenient and economical to use.

2-lb. size 65c (shipping weight 3 lbs.); 10-lb. size \$2.75 (shipping weight 12 lbs.) If interested in 25 or 50-lb. drums, write us.

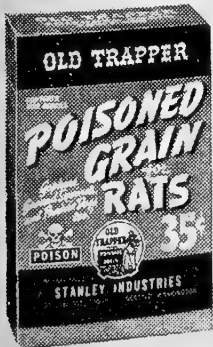
OLD TRAPPER GARDEN DUST

A combined insecticide and sulphur dust for the control of most insects and fungus diseases of vegetables, flowers, trees, shrubs and vines. A perfect dust for the home gardener and it is non-poisonous, too. We introduced Old Trapper Garden Dust last spring and it immediately received full consumer acceptance by reason of its sensational killing qualities. You'll make no mistake in using Old Trapper Garden Dust. In fact, there's no more substantial garden insecticide on the market. 1-lb. package with sifter top, 40c. Wt. packed for mailing, 2-lbs. Please add postage.



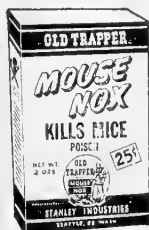
OLD TRAPPER POISONED GRAIN

For rats, gophers and ground squirrels, Old Trapper Poisoned Grain is our recommendation. The oats, wheat and barley are highly impregnated and made especially attractive to rodents. Field mice succumb to it, too! Large 9-oz. package, 35c. Cannot be mailed as it is a poison.



OLD TRAPPER MOUSE KNOX

Rid your premises of mice this quick and easy way. Mice love Mouse Knox. A few grains does the job. It is a positive destroyer of mice. 2-oz. package, 25c. Poison, cannot be mailed.



COOPER'S SHEEP DIPPING POWDER

This famous English dip enjoys a world-wide reputation dating back to 1843. Its use is recommended by the extension divisions of many state agricultural colleges. It has been used almost exclusively in the many portable and community sheep dipping vats in the East. Sufficient was sold last year throughout the world to dip over 360,000,000 sheep.

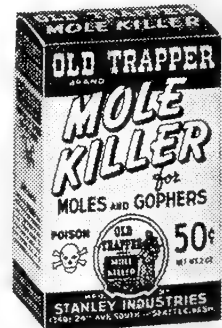


With one dipping in Cooper's Sheep Dipping Powder you can free your sheep of ticks, and what is even more important, they will remain free of ticks for many months. Both biting and sucking species of lice will be killed, and the dipped sheep will produce wool of better quality. For years Cooper's Sheep Dipping Powder has been the favorite dip of goat breeders for controlling lice. The large package of Cooper's Dipping Powder will make 150 gallons of sheep dipping solution or 200 gallons of goat dipping solution, whereas the small package will make 37 gallons of sheep dipping solution or 50 gallons of goat dipping solution.

Prices f.o.b. Medford: Per case, weight 83 lbs., makes 1500 gallons sheep dip or 2000 gallons of goat dip, \$26.00. Large package, \$2.95. Small package, 75c. Shipments of Cooper's Sheep Dipping Powder weighing 100 lbs. will be prepaid to your nearest railroad station.

OLD TRAPPER MOLE KILLER

This troublesome garden pest can be controlled quickly and easily with Old Trapper Mole Killer. Made especially for our Western moles. Gives certain results when used as per complete directions on the package. We have sold Old Trapper Mole Killer for three years and have found it truly effective against these pests. 2-oz. package, sufficient for 50 moles, 50c. Cannot be mailed as it is a poison.



OLD TRAPPER RAT KRUNCHES

Deadly to rats! Old Trapper Rat Krunches are tasty pellets, ready to use. They are safe, too, because they kill nothing but rats. One of the most effective rat baits made. Non-poisonous to livestock, poultry or human beings. 75 baits in package, 25c (35c postpaid). Larger package, 50c (60c postpaid).

KILLS SOIL PESTS

Diamond Quality Naphthalene Flakes are now used extensively throughout the west for the control of many soil pests. This material is highly recommended by the U. S. Department of Agriculture for the control of Wireworms. One pound of material thoroughly worked into 50 square feet of ground will give from 97 to 100% kill.



Get your supply early and work it into the ground before planting your Victory Garden.

2 pounds \$.50
5 pounds 1.10

Postage paid.

Diamond Quality Naphthalene Flakes is also recommended for the control of Gladiolus Thrip. One ounce of flakes to every 100 bulbs, placed in a paper sack right after digging.

KEEP YOUR GARDEN FREE
 from Pests and Diseases
 the Easy, Positive
BARFOOT WAY



You'll like Barfoot Sprays because they're

1. Kind to your tenderest foliage.
2. Economical—1 teaspoon makes a gallon.
3. Easy to mix, have pleasant aroma.
4. 100% Effective!



- Use **BARFOOT ROTENONE SPRAY** to Kill and Prevent All Sucking, Many Chewing Insects1 oz. 35c; 4 oz. \$1.00
- Use **BARFOOT FUNGICIDE** to control most Fungi1 oz. 25c; 4 oz. 75c
- Combine **BARFOOT NEUTRAL SPREADER** with Both Barfoot Rotenone and Fungicide to Penetrate Everywhere. This "lubricant" enables your Barfoot Rotenone and Fungicide to penetrate close-fitting leaf sheaves, rolled-up buds . . . everywhere!.....1 oz. 15c; 4 oz. 35c

Blend 25 Gals. Barfoot Spray Quickly, Accurately with the New

BARFOOT SPRAY KIT

Here's What-All You Get—
 Barfoot Spray (4 oz.), Barfoot Fungicide (4 oz.), Barfoot Spreader (4 oz.), Handy Measuring Bottle, Spray Chart, Spray Record \$2.10
 Calendar—all for only...



For a healthy, pest-free garden, follow the lead of horticultural experts . . . Spray with BARFOOT.



Be Lucky! Insist on the
 4-Leaf Clover Bottle!

HASTINGS

SOIL-SOAKER



Made of canvas — scientifically treated to resist mildew. **SOIL-SOAKER** is open only at one end and screws to the end of the water hose, replacing the nozzle.

When the water is turned on, **SOIL-SOAKER** fills with water and normal pressure forces water through the pores of the entire surface, uniformly, without spray. Easily moved without shutting off water, or getting wet. Self-cleaning. The soil is soaked deeply and thoroughly, covering an area on all sides of the **SOIL-SOAKER**. Far more beneficial than light surface-sprinkling. Puts the moisture down into the soil. Avoids water waste.

SOIL-SOAKER enables you to put the water exactly where you want it—none sprayed on walks, driveways or other places you do not want to reach. Excellent for irrigating around plants where moisture is apt to damage foliage. Water deep with a **SOIL-SOAKER**. Two lengths. 18-ft. \$2.00, postage paid; 30-ft. \$3.10, postage paid.

KILL WEEDS
 the
 Easy
 Way

with the
 New
 Model

GETZUM GUN

Complete
 Only \$1.75

Refill—Pint. \$.30
 Gal. 1.75



Ask your dealer for pamphlet describing theory of weed killing.



ANTROL Kills Sweet and Grease Eating Ants

A SCIENTIFIC METHOD, SAFE, SURE, PERMANENT

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The ant family is often killed at the source—the only way to get permanent relief. Controls both sweet and grease-eating ants. Guaranteed. Proved in over a million homes. Prices: Antrol Ready-filled set, contains 4 filled feeders, 50c; Antrol Regular Set, 4 containers and 4-oz. bottle syrup, enough for 2 fillings. . . . 75c Antrol Syrup for refilling, 4-oz. bottle, 30c. Pint bottle, 60c. Prices postpaid.



SAFE TO USE AROUND CHILDREN AND PETS
 Can be used inside or outside the house.



ANTROL ANT TRAPS

Kills both sweet and grease eating ants, contains two kinds of specially prepared material. Each 10c, postpaid. Can be used inside or outside the house.

SNAROL

Metaldehyde-Arsenical Bait

Attracts and kills snails and slugs. Snarol may also be used to control Sowbugs, Cutworms, Earwigs, etc. A ready-prepared bait meal that is non-injurious to vegetation when used as directed. Retains its effectiveness for from five to ten days after being put out. 1-lb. packages, 25c; 2½-lb. packages, 50c; 6-lb. packages, \$1.00; 10-lb. bags, \$1.50; 50-lb. bags, \$5.50. Postage extra.



ANTROL SOWBUG-CUTWORM CONTROL

An especially prepared bait made very attractive to these hard to control pests and used by commercial and home gardeners everywhere. Guaranteed to give satisfaction. Packed in cans with convenient pouring spout. 8 oz. can, 35c; 12 oz. can, 45c. Prices postpaid.



CUSTOMERS PLEASE TAKE NOTICE

Our Terms are Strictly Cash with Order. We prefer not to send seeds C. O. D. unless order is accompanied by at least one-third of the amount of order.

How to Remit. Send postal money order, express money order, or check. Stamps will do if your order is for a small amount.

Errors. We exercise every care in handling your orders, but should an error occur, kindly write us at once, and we will adjust it promptly.

All prices in this catalog are subject to change without notice.

Reports—Good or Bad. Will you help us to attain greater success by writing and telling us how our Seeds and Supplies reach you, how they grow and **how you like them?** We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

NOTES ABOUT PARCEL POST

Poisons can not be sent by mail, but may be shipped by express.

Weight limit in all zones 70 pounds.

Non-Warranty. Most of the failures with seeds are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success. We therefore give no warranty as to description, quality or productiveness of any of the seeds we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods under these conditions, they are to be at once returned.

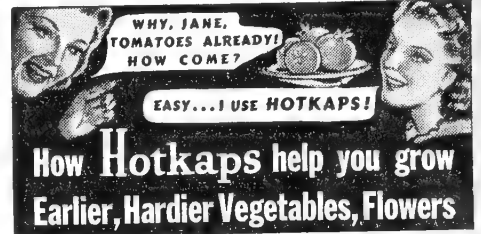
WE DO NOT GUARANTEE REPLACEMENT OF GOODS SENT BY MAIL. An additional remittance of 5 cents will insure any mail package.

NUMBER OF TREES OR PLANTS ON AN ACRE

1 by 2 feet.....	21,780	6 by 8 feet.....	907
1 by 3 feet.....	14,520	6 by 6 feet.....	1,210
1 by 4 feet.....	10,890	8 by 8 feet.....	680
1½ by 2 feet.....	14,520	10 by 10 feet.....	430
1½ by 3 feet.....	9,680	12 by 12 feet.....	802
2 by 3 feet.....	7,260	15 by 15 feet.....	193
2 by 4 feet.....	5,445	16 by 16 feet.....	170
3 by 4 feet.....	3,630	18 by 18 feet.....	135
3 by 5 feet.....	2,904	20 by 20 feet.....	109
3 by 6 feet.....	2,420	25 by 25 feet.....	70
4 by 4 feet.....	2,722	30 by 30 feet.....	48
4 by 6 feet.....	1,815	40 by 40 feet.....	27

RULE—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

Do as successful market growers do — Place patented Germaco HOTKAPS — strong little hothouses — over seeds (or over plants when transplanting). Completely protect from destructive frosts, storms, insects — maintain perfect mulch. Increase yield from 18% to 51%, ripen plants three weeks earlier.



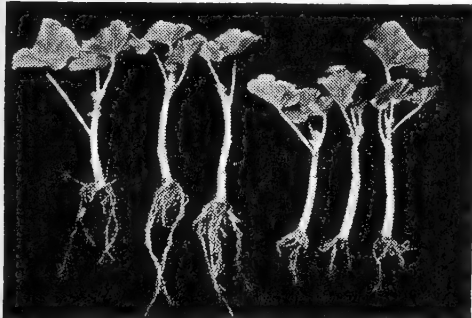
Quick, easy to set, instructions on package. 25 Hotkaps, 50c. 250 for \$3.50. Setter free. Beat everyone with first vegetables, flowers. Buy Germaco HOTKAPS from us today. **MARKET GROWERS:** GERMACO HOTKAPS help you have sure crops, highest out-of-season prices, bigger profits. 1000 for \$11.00.



Send for FREE FOLDER

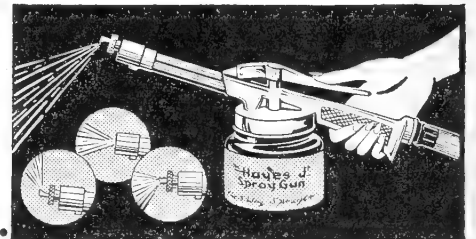
ROOTONE

Reg. U. S. Pat. Off.



Geranium Cuttings—Treated and Untreated

ROOTONE, the plant hormone powder. Dip cuttings in Rootone before planting to give faster, better, more successful rooting. Mix flower, vegetable or grass seed with Rootone before planting to give faster growth and stronger roots. Easy to use. ¼ oz. packet 25c. 2 oz. jar \$1.00. 1 lb. can \$5.00.



HAYES JR. SPRAY GUN

Makes 3 gallons of mixed spray material at a time. Sprays up, down, sideways. Just attach HAYES JR. to garden hose, turn on the hydrant, lightly press the conveniently long lever — and HAYES JR. sprays! Gives efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 175 pounds. No moving parts to wear out or break—insures long life and satisfactory service. Price only **\$5.95.**

HARCO HAND SPRAYER

Prevent and kill destructive pests with HARCO Hand Sprayer. Only professional-type Sprayer priced so low. Long extension rod quickly sends insecticides onto tops of tall shrubs, reaches undersides of small plants, penetrates hard-to-reach places. Durable made, trouble-free. Sprays up, down, sideways without adjustment.

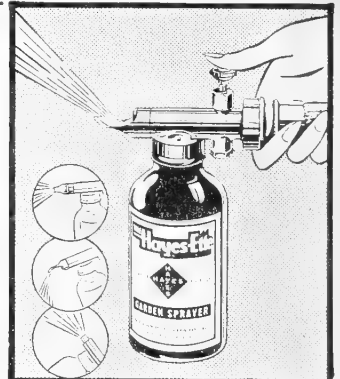
A GERMACO product. Price only \$2.35.



HAYES-ETTE Self Mixing SPRAYER

Simply attach to garden hose, lightly press a button and HAYES-ETTE efficiently sprays up, down, sideways. Capacity 1½ gallons. Operates on 20 to 150-pound water pressure. Weighs a little over a pound, but efficiently does work of many larger sprayers.

A GERMACO product. Price only \$2.95.



ROSES

OUR ROSES ARE JUMBO SIZE NO. 1, TWO-YEAR-OLD NORTHWEST GROWN OF HIGHEST QUALITY. PRICES QUOTED ARE F.O.B. MEDFORD. PLEASE ADD 20c PER BUSH TO COVER MAILING.

Novelty and Patented Roses

CHARLOTTE ARMSTRONG (HT) (Armstrong, 1941). Plant Patent No. 455. A rose of surpassing beauty. Long slender, blood-red buds open to magnificent flowers of spectrum-red in cool weather and cerise in hot weather. Long stems. \$1.35 each.

DOUGLAS MacARTHUR (Howard & Smith) (Patent No. 581). This grand new rose was chosen from many as an outstanding leader, and because of this it was given the name of another great leader, General Douglas MacArthur. It is a very vigorous, hardy, free-blooming rose. Foliage is dark green. The long, tulip-shaped buds open slowly into well proportioned flowers of regal beauty. The color is that of rose, gold and salmon all exquisitely blended. \$1.50 each.

FRED EDMUNDS (Meilland) (Prop. rights reserved). This sensational rose won the 1944 All-America Regional Award. The beautiful, long-shaped buds of burnt-orange open to glorious, 25-petaled blooms of vivid, glowing, coppery orange color which slowly changes to soft apricot. The velvety-textured petals assume an artistic, crinkled form that is very pleasing. Plants are vigorous, rather spreading in habit, with glistening, olive-green foliage. Named in honor of the Curator of the Portland International Test Gardens. \$2.00 each.

GRANDE DUCHESSE CHARLOTTE (HT) (Ketten) (Prop. rights reserved). A new shade of red not known in any other rose. Beautiful, long, streamlined buds of rich claret color open to firm-petaled blooms which do not fade but gradually change to a lovely begonia-rose. A delightfully informal flower. \$1.50 each.

MME. CHIANG KAI-SHEK (Howard & Smith) (Plant pat. applied for). One of the 1944 All-America Rose Selections. No more suitable rose could have been chosen to be named in honor of the First Lady of China. Large, pointed, ivory buds open to 4½ inch spiral flowers of canary-yellow tint with creamy outer petals. When fully open the flowers have an attractive mass of rich golden anthers on filaments which match the petals. Plants are vigorous and upright with heavy, bronzy canes. \$2.00 each.

TEXAS CENTENNIAL (HT) (A. F. Watkins, 1935). Plant Patent No. 162. Blood-red. A sport of the rose President Herbert Hoover. Different only in color which is rich blood-red, toning to cerise-red in center. 85c each.

Standard Bush Roses

No. 1 Two-Year-Old Field Grown — 85c each, \$8.00 per ten.

RED HYBRID TEAS

E. G. HILL. This is the most unfading of all roses. Immense, double flowers of dazzling scarlet shading to a deeper red as they develop; are delicately fragrant and long lasting.

ETOILE DE HOLLANDE. The finest dark red rose for general purposes. Ranked among the first three of its color by everyone who knows roses. The beautiful, oval buds are perfect.

SOUTHPORT. Flower full, cupped, very lasting, fragrant, a very brilliant, unfading scarlet.

PINK HYBRID TEAS

DAINTY BESS (Single). An exceedingly charming and dainty colored rose of perfect form. Petals are delicate shell pink.

PICTURE. Well shaped buds of medium sized, velvety rose-pink flowers, with warm salmon undertones. Strong, vigorous plants; unusually free blooming. One of the finest pink roses.

PINK DAWN (HT) (Howard & Smith, 1935). A beautiful new hybrid tea rose with glorious deep rose buds opening to lovely pink blooms tinted with orange at the base of the petals. Sweetly fragrant, fully double, and of vigorous upright habit.

FOR FULL PROTECTION AGAINST ROSE INSECTS AND DISEASES. USE

ORTHO ROSE SPRAY
THE COMPLETE ROSE SPRAY

See Page 40

ORANGE and TRI-COLOR HYBRID TEAS

AUTUMN. A distinct color of intense richness. This rose incorporates shades of burnt orange suffused with russet-brown and bronzy red all overlaid on a background of rich yellow.

CONDESSA DE SASTAGO. You will admire the brilliant colors of this new double rose from sunny Spain. The bud is like a ball of gold with red stripes. Fully open it is fiery copper and gold.

HINRICH GAEDE. This magnificent rose has beautiful long, pointed buds of a brilliant nasturtium red color. The flowers are large, double, high-centered, and of a highly artistic shape.

MME JOSEPH PERRAUD (HT) (Gaujard, 1934). Long, slender, and pointed nasturtium-orange buds open to sweetly fragrant flowers of a charming nasturtium buff straying to a lovely shade of shell pink at the petal edges—the nearest approach to a pure buff lightened with pink at the petal margins.

MRS. SAM MCGREDY. Large, long-pointed buds are produced singly on strong, slender stems. The color is a glowing combination of red, copper and orange.

PRES. H. HOOVER. A wonderful multi-colored rose, charmingly combining shades of cerise-pink, flame, scarlet and yellow.

TALISMAN. A vividly colored rose of an unusual combination of gold, apricot, pink and carmine in mingled splashes, streaks and blends.

YELLOW HYBRID TEAS

GOLDEN DAWN. The oval buds are rich straw-yellow, flushed old-rose, opening into splendid double, sweetly scented flowers of sunflower-yellow.

GOLDEN RAPTURE. A splendid new yellow rose of upright growth. The pure yellow buds are of ideal form. Beautiful, large, double flowers which last without fading.

MCGREDY'S YELLOW (HT) (McGredy, 1933). Large, bright buttercup yellow flowers, every bloom of which is perfect in form and sweetly scented. The foliage is glossy and free of disease in most localities. The fine bush is full of vigor, continually sending out fine blooms. Stands heat well.

MRS. P. S. DUPONT. Winner of more gold medals for outdoor blooms than any other rose. Buds are small but exquisitely formed and of a reddish gold, opening into yellow flowers.

WHITE HYBRID TEAS

FRAU KARL DRUSCHKI. The most popular everblooming white rose. Outer petals of immense buds occasionally tinged with pink; open blooms pure snow white, large and moderately full.

MCGREDY'S IVORY. The size and perfection of form of this wonderful rose are almost unbelievable. The buds are long and pointed, opening to perfectly formed flowers of ivory-white.

MME. JULES BOUCHE. Shapely buds and well formed, high centered flowers of pure white, occasionally with a tender blush pink tint at the center. A splendid white rose and a vigorous grower.

CLIMBING ROSES

ETOILE DE HOLLANDE (HT). Ranked among the first three of its color by everyone who knows roses. The beautiful, oval buds are perfect, of medium size, and open into magnificent brilliant red blooms.

PAUL'S SCARLET. The semi-double flowers are of good size and of a vivid scarlet-red color, fading but little. Freely produced in clusters on much branched canes. It is perfectly hardy.

REVEIL DIJONNAIS (LC). For sheer brilliancy of coloring this is probably one of the most outstanding climbers ever introduced. Large, semi-double flowers of light yellow with a deep zone of cerise-pink around the edges, creating the effect of a deep pink rose with a great yellow center.

TALISMAN (HT). A striking climber with the same vivid colors as the bush variety—gold, apricot, pink and carmine. Flowers are fairly double; of lovely form.

We can supply most standard varieties in climbing types.

From

Monarch
SEED & FEED CO.

"Your Seedsmen Since 1910"

Medford, Oregon



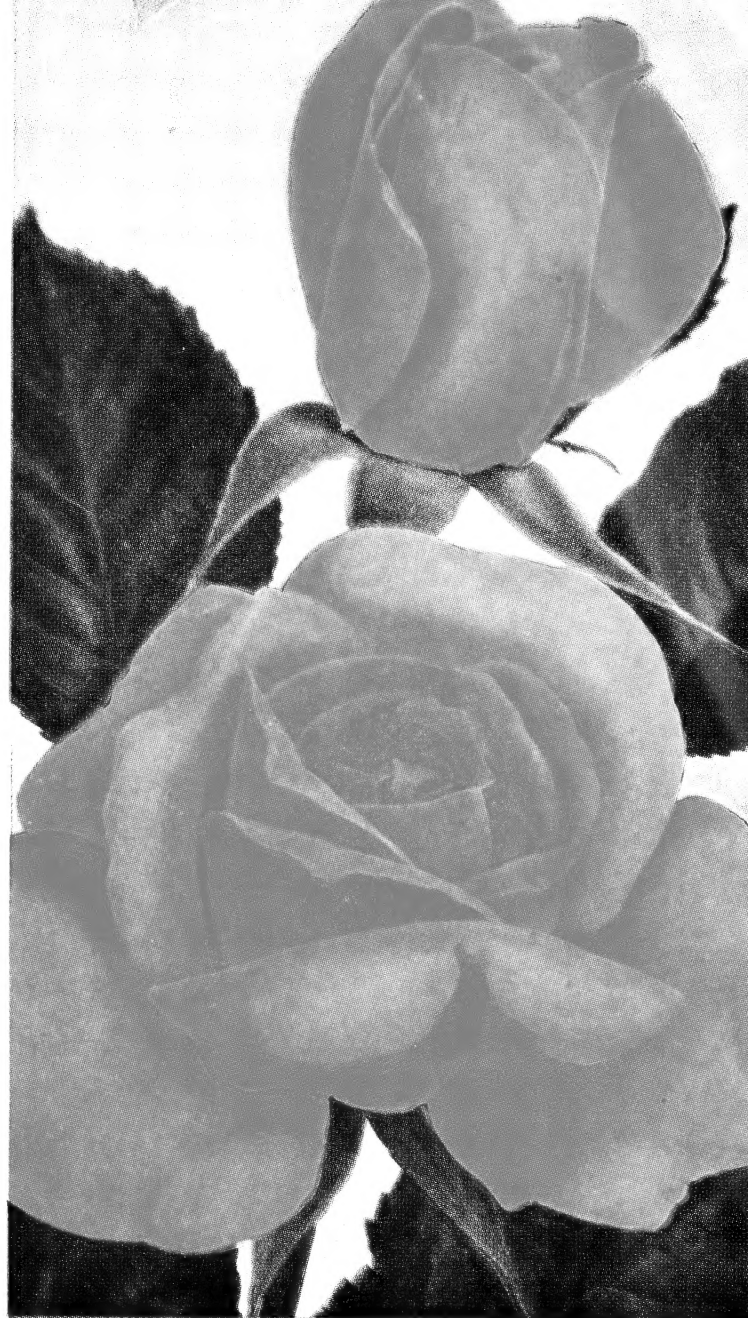
EXCITING NEW ROSES!

Here are four rapturous roses you'll want to include in your 1944 garden. The supply is limited — order early. Fully described and priced on page 44.

Winner . . .
**All-America
Award**



GRAND DUCHESS CHARLOTTE
(Patent rights reserved)



FRED EDMUNDS
(Copyright Conard-Pyle Co.)

FOUR OF THE FINEST NEW ROSES

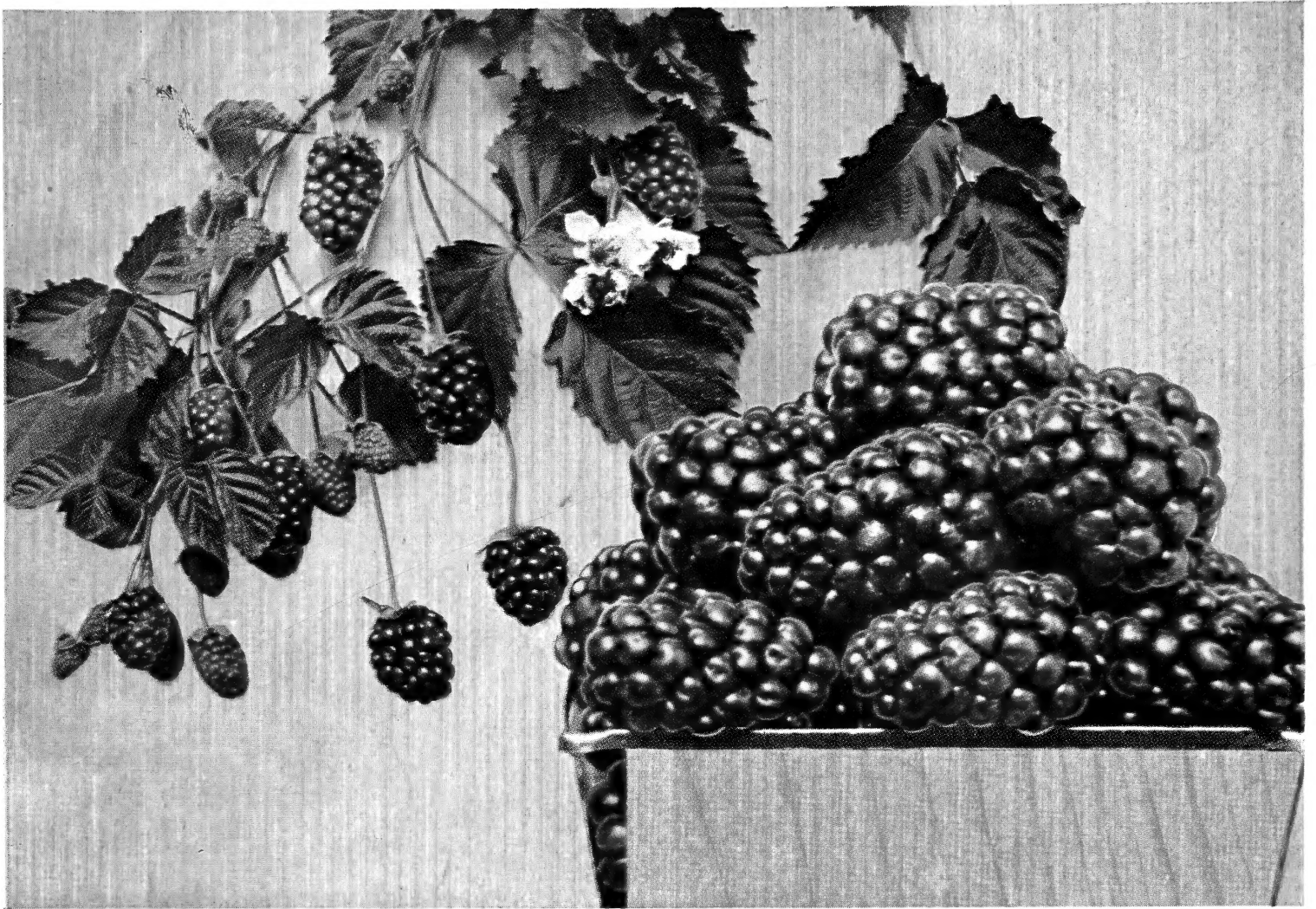


DOUGLAS MacARTHUR *(Plant Patent applied for)*



MME. CHIANG KAI-SHEK *(Plant Patent applied for)*





KING NECTARBERRY

**THE BERRY SENSATION
OF A DECADE!**

**Nectarberry offers you a new taste-
sensation in a berry that has every-
thing . . . size, flavor, sales appeal.**

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EARLY AS SUPPLY IS LIMITED FOR THIS
SEASON.**

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