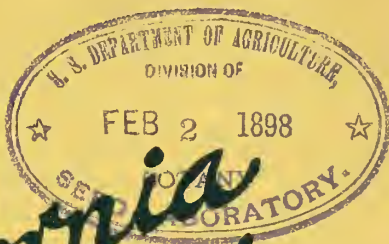


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San Francisco, California

1898



Headquarters for
All Garden Supplies

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Seeds, when purchased direct from us, is good for two cents cash, if presented before June

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We wish you a Happy New Year's
solace in sowing

Sunset Selected Seeds

And avoiding seedsmen that don't sell
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N. B.—Please do not mutilate this Catalogue, but preserve for reference. It has cost money. 'T will pay you to keep it.

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Cheapest Sweet Pea Mixture on Earth

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Price per pound, 25 cents; half pound, 15 cents
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For particulars about **THE BEST SWEET PEA SEED ON EARTH**
See Catalogue. pages 26 to 33



Sweet Pea Review

William Doxey of San Francisco has published an admirable review of that most attractive and generous flower—the sweet pea. It is prepared and edited by the Sunset Seed and Plant Co., the recognized authority on the subject. In addition to describing in detail 125 varieties, it offers a tabulated summary by colors, indicating the best and those next desirable, and recommending the discarding of others. This is most valuable to all growers. The book is beautifully illustrated and completely fills its purpose. We will send it to you by mail, postpaid, for 25 cts. For further particulars about Sweet Peas see pages 26 to 33.



A FAVOR TO YOUR FRIENDS

If you will kindly send us the full names and addresses of 25 of your friends who have gardens and buy seeds and plants from time to time, we will send you **FREE** one ounce of **Sunset Superior Selected Sweet Pea Mixture**, containing 75 separately grown varieties.

SUNSET SEED AND PLANT CO.
33 Market Street, San Francisco, Cal.

The Flower Garden



ABRUS, OR CRAB'S-EYE VINE.

CRAB'S-EYE VINE. (*Abrus Precatorius.*) A most beautiful climber, either for pot culture or the open ground in summer; bears clusters of bright yellow flowers, followed by bunches of pods, which, when dry, burst open, disclosing brilliant red seeds with black eyes, used for making beads and other ornaments, for which purpose they are exceedingly pretty. Pkt., 10 cents.

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By growing them in **Jadoo Fibre** or watering them with **Jadoo Liquid**

AMBROSIA. A hardy annual with long spiral stems, bearing an abundance of small, round, greenish-yellow buds and blossoms which are exceedingly fragrant. It is as desirable as the Rose Geranium, as a plant, with fragrant foliage, and for making up into bouquets and other floral work. Its long, beautiful, fringed spirals of lovely green are unsurpassed. It is one of the easiest plants to grow, and seed may be sown early in the open ground. Pkt., 10 cents.

ABUTILON. Known also as "Flowering Maple" and "Chinese Bell Flower." Universally admired and easily grown; bears beautiful bell-shaped flowers of varied and brilliant colors. Pkt., 10 cents.

ACHILLEA PTARMICA FL. PL. The flowers are pure white, very double, and produced in great profusion; fine for cut-flowers. Pkt., 10 cents.



AMBROSIA

AGERATUM, "LITTLE DORRITT." Blue, very dwarf. Pkt., 10 cents.

AGROSTEMMA, CORONARIA. Showy, and a free bloomer. Pkt., 5 cents.

ALYSSUM, LITTLE GEM. New dwarf white variety, distinct and pretty. Pkt., 10 cents.

ALYSSUM, SWEET. White, very fragrant. Pkt., 5 cents.

AMARANTHUS OR RAINBOW PLANT. Ornamental foliage in all colors. Pkt., 5 cents.

ANTIRRHINIUM. Dwarf varieties mixed. Pkt., 5 cents.

The Very Latest in Asters.



**PERFECTION
ASTER**

So well known and so universally admired is this flower that it hardly needs any description. Of late years it has been developed into a great variety of forms, both in the habit of the plants and in the size and shape of the blossoms. Only those familiar with the recent progress of the flower can have any conception of the magnificent display they make.

SUNSET
on a packet of
SEEDS
means a
SUCCESS

FIRE-KING or TRIUMPH ASTER.

Plants eight inches high, covered with large, handsome, perfectly formed flowers, of faultless pæony form. The color is intensely brilliant; when beginning to bloom it is of a pure scarlet, but changes to a magnificent satiny scarlet—two most brilliant colors.

SEMPLE'S CHRYSANTHEMUM FLOWERED. A magnificent American variety in **Crimson, Lavender, White,** or the three colors mixed.

COMET. Like Japanese Chrysanthemums.

EMPEROR or GIANT. Brilliant mixed colors.

MIGNON. Pure white, fine for cutting.

ROSE-FLOWERED. Of robust habit, very double.

NEW RAY ASTERS. This new and original class of Asters is a valuable addition to this important annual. They attain a height of about twenty inches; of branching habit, and bear their large flowers on long, strong stems. The flowers measure from four to six inches in diameter, and consist of ray-like, slender-quilled florets, resembling the straight-rayed Japanese Chrysanthemums. Exceedingly pretty and distinct. We offer these in two colors, **Pure White and Bright Rose.** Either color. Pkt., 10 cents; three pkts., 25 cts.

NEW RAY ASTERS, MIXED. Both the above colors in mixture. Pkt., 10 cents; three pkts., 25 cents.

ASTERS

are all 10 cents per pkt. or 3 for 25 cents

COLLECTIONS

of 12 distinct sorts, 100 seeds of each, 75 cents.

SULPHUR YELLOW ASTER. This is the nearest approach to a yellow Aster that has so far been obtained. The flowers are large, globular, quilled, and very double, and of a clearly pronounced sulphur yellow.

SNOWBALL or WHITE PRINCESS. An entirely new class, pure white, beautiful and distinct.

TRUFFAUTS, - PÆONY-FLOWERED PERFECTION. Large flowers, beautifully incurved, **Crimson, White, Pink, or Mixed.** See Cut.

VICTORIA. Magnificent in size and range of color.

WHITE BRANCHING. Large, double, white flowers, excellent for cutting.

BALSAMS are a somewhat neglected family in this State, and yet a desirable and easily grown flower. The **Defiance** strain offered by us has been brought to great perfection, and is the largest and finest to be obtained anywhere. We have the following colors, separate: **crimson, pink spotted, and pure white,** and offer each variety at 10 cents per pkt., or any 3 for 25 cents. All colors mixed. Pkt., 5 cents.

BRAZILIAN BEET. Among the most useful and certainly the easiest grown ornamental foliage plant we know of. Colors comprising every known hue, from brilliant scarlet to golden yellow. Pkt., 5 cents.

BEGONIA. One of the most desirable house plants there is, and a popular bedding plant for the garden. It blooms with the greatest profusion throughout the summer. The seed we offer was saved from plants that produced blooms that for size and substance have not been surpassed.

BEGONIA, TUBEROUS - ROOTED, SINGLE. Pkt., 60 seeds, 15 cents.

BEGONIA, TUBEROUS - ROOTED, DOUBLE. Pkt., 50 seeds, 25 cents.

CYCLAMEN PERSICUM GIGANTEUM. Charming plants, with beautiful like, fragrant flowers. The giant-flowered strain offered by us is far superior to what is generally sold under that name, and represents the highest type of this flower. The colors range from pearly white to dark crimson, with all the intermediate shades and markings. Pkt., 50 seeds, 25 cents.

CINERARIA. Saved from best varieties. Choice mixed. Pkt., 60 seeds, 15 cents.

CINERARIA, DOUBLE. Large-flowering; mixed. A superior strain. Pkt., 30 seeds, 25 cents.

CLIANTHUS DAMPIERI, Australian Glory Pea. A beautiful plant, with brilliant, rich scarlet, pea-shaped flowers, with an intense black spot in each cent. r. Pkt., 15 seeds, 10 cents.

SUNSET COLEUS. So named on account of the wonderfully rich and brilliant markings and variegations of the foliage, which is of great size and substance, and fringed and lacinated in a marvelous manner. Pkt., 100 seeds, 20 cents.

DAISY. Saved from finest double varieties. All colors; mixed. Pkt., 100 seeds, 10 cents.

BLUE DAISY (Agatheæ celestis.) A handsome herbaceous perennial, that should be in every flower garden. The plants grow about eighteen inches high, of branching habit, and are literally covered with blossoms of a beautiful sky-blue. A pretty plant for summer decoration of the garden, and when grown in pots, equally desirable for the house in winter. Pkt., 10 cents.

GERANIUM. Easily raised from seed, and if sown early will flower the first season. Packets containing 100 seeds, saved from choice sorts, 10 cents.

GERANIUM, APPLE-SCENTED. Pkt., 60 seeds, 25 cents.

GERANIUM, LADY WASHINGTON. Saved from the very choicest varieties of Pelargoniums. Pkt., 40 seeds, 25 cents.



CAMPANULA, "CUP AND SAUCER." Well-known popular perennial, producing bell-shaped flowers of many different colors; mixed. Pkt., 5 cents.



Campanula, "Cup and Saucer."

on the top of each stem, which can be cut off and easily rooted by being laid in a bowl of water. Pkt., 300 seeds, 10 cents.

AQUILEGIA. Choice mixed. Pkt., 5 cents.

BRACHYCOME, SWAN RIVER DAISY. Beautiful free-flowering plants covered with a profusion of blue Cineraria-like flowers. Pkt., 5 cents.

BROWALLIA. Pretty plants, furnishing an abundance of strikingly beautiful flowers. Pkt., 10 cents.

CALCEOLARIA. An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory. Pkt., 25 cents.

CALENDULA METEOR. Yellow, striped with orange. Pkt., 5 cents.

UMBRELLA PLANT

(*Cyperus alternifolius*). For indoor decoration few plants are more ornamental, growing rapidly in moist soil, and remaining green the whole year round. The easiest method of growing is in a bowl or vase, using **Jadoo Fibre** instead of soil. In this way it will grow luxuriantly, making a hundred or more shoots in a season, and requiring no other attention than a thorough watering when necessary. When the stems have reached the height of about twenty inches it will produce a dense tuft of small white flowers, followed by a miniature plant

Everlasting Flowers and Ornamental Grasses

These are very popular and desirable for winter decorations, bouquets, wreaths, etc. If cut as soon as they come into full bloom, tied in small bunches and dried slowly in the shade, with the heads downward to keep the stems straight, they will retain their beauty for years.

Everlasting Flowers

- Acroclinium roseum fl. pl.** Bright rose.
 - Ammobium alatum grandiflorum.** Pure white.
 - Gomphrena, Mixed.** (Bachelor's Buttons.)
 - Helichrysum, Finest Mixed.**
 - Rodanthe, Finest Mixed.**
 - Xeranthemum.** Leaves silvery, brilliant colors of purple, rose, and white flowers.
- Packet of any variety, 5 cents.
Collection of 12 distinct varieties, 50 cents

Ornamental Grasses

- Avena sterilis.** (Animated Oats.)
 - Briza Maxima.** (Rattlesnake Grass.)
 - Coix lachrymæ.** (Job's Tears.)
 - Eragrostis elegans.** (Love Grass.)
 - Gynerium argenteum.** (Pampas Grass.)
 - Stipa pennata.** (Feather Grass.)
 - Zea japonica variegata.** (Variegated Japanese Maize.)
- Packet of any variety, 5 cents.
Collection of 12 distinct varieties, 40 cents.

FOXGLOVE. A valuable perennial plant, producing great spikes of Gloxina-like flowers, in many colors. Does not usually blossom till the second year. Pk. 500 seeds, 5 cents.

CLEOME (*Giant Spider Plant*). Singular-looking, rose-colored flowers. The stamens look like spiders' legs, and present a very attractive appearance. Grows freely from seed sown in the open ground, thrives luxuriantly, and blooms all summer, no matter how unfavorable the season may be. It is also one of the very best honey-producing plants, and should be planted liberally by all beekeepers. Pkt., 100 seeds, 5 cents.

ICE PLANT. Thick, fleshy leaves, that have the appearance of being covered with ice. Pkt., 5 cents.

DIAMOND FLOWER (*Ionopsidium acaule*). A rare and beautiful annual, with delicate foliage and exquisite little white and violet flowers that sparkle and glisten, hence the name. Pkt., 10 cents.

KENILWORTH IVY. A very pretty, rapid-growing, trailing plant, suitable for covering rockwork or walls, or for hanging-baskets; thrives equally well in the shade as in the sun. Pkt., 100 seeds, 10 cents.

FUCHSIAS, SUPERB MIXED. The finest double and single varieties. Pkt., 50 seeds, 25 cents.

FORGET-ME-NOT. These well-known favorites succeed best in moist, shady situations, but grow and bloom well in almost any location, flowering freely from seed the first summer. True-blue variety. Pkt., 150 seeds, 10 cents.

FORGET-ME-NOT. Mixture of all varieties. Pkt., 5 cents.



Success with Plants Assured

By growing them in.... **JADOO FIBRE** or watering them with.. **JADOO LIQUID**

CASTILLEJA INDIVISA. A lovely new annual, of recent introduction, producing scarlet. Pkt., 30 seeds, 15 cents. The most superb flowers of intensely brilliant crimson

FERNS. Well-known and useful plants for window decoration and shady positions in the garden. The seed offered has been saved from choice sorts. Pkt., 15 cents.

GLADIOLUS. Saved from the best types of Childsii, Lemoinei, and others, and may be expected to produce some marvelously beautiful and enormously large flowering Gladiolus. Pkt., 100 seeds, 15 cents.

GLOXINIA. A bulbous-rooted plant, producing in great profusion during the summer months its large bell-shaped flowers in rich and brilliant colors. Pkt., 200 seeds, 25 cents.

HUNNEMANNIA FUMARIÆFOLIA. Offered in some catalogues under the misleading name of Giant Eschscholtzia. A native of Mexico. Grows to the height of two or three feet, with glaucous leaves, and bears large solitary terminal flowers like those of the Eschscholtzia. Pkt., 15 cents.

LANTANA. Strikingly handsome plants, with clusters of verbena-like flowers, in various colors, of an agreeable aromatic odor. Pkt., 50 seeds, 10 cents.

CRYSANTHEMUM. Showy and effective, and very desirable for cut flowers. Annual varieties; mixed. Pkt., 5 cents.

CHRYSANTHEMUM, FRUTESCENS. The Marguerite, or Paris Daisy, so well known that description is unnecessary. White or yellow. Each Pkt., 5 cents.

CHRYSANTHEMUM, INDICUM. Large, double, perennial sorts; mixed. Pkt., 25 cents.

**Datura
Cornucopia
"Horn of Plenty."**

The plant is of robust habit, with thick, dark brown-purple, shining stems. The branches are numerous, spreading 3 or 4 feet; thick, large, dark green-colored leaves. The flowers are trumpet-shaped, measuring 8 to 10 inches in length and 5 to 7 inches across the mouth, and form three distinct flowers growing each within the other. The mouth of corolla is a most delicate white, beautifully marbled with royal purple. A single plant gives from 200 to 300 fragrant blooms during the season, followed by a large, thorny seed-vessel, which adds to its beauty. Is of the easiest culture. Plant in a warm, rich soil. Can be cultivated as an isolated specimen, in masses, for centers of beds, or to fill barren places, and produces a striking effect. Pkt., 10 cents.



Datura, "Golden Queen."

DATURA, "GOLDEN QUEEN." This superb variety has all the fine qualities of the above, but on account of its brilliant yellow flowers it is a much more showy and effective plant. It grows in a single season to a height of two and a half feet, forming a compact plant, requiring no support. The flowers are of gigantic size, many of them ten inches long, very double, and produced in great numbers. It makes a magnificent pot-plant, and is admirably adapted for massing and backgrounds, the large bright flowers contrasting strikingly with the dark green foliage. Pkt., 10 cents.

DELPHINIUM, OR LARKSPUR. Well-known annuals of great beauty, and remarkable for the richness of their colors and for large gardens is invaluable. All the brightest and best colors mixed. Pkt., 5 cents.

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CARNATION MARGUERITE. A new dwarf double form of hardy Carnation which blooms four months from seed-sowing, and never fails to give a large percentage of handsome double flowers.

Plants which have bloomed all summer in the garden are frequently potted for winter decoration, and continue blooming for a long time. The flowers are large, quite double, and perfectly formed, never bursting the calyx, and show all colors and variegations through beautiful shades of red, pink and white. Pkt., 15 cents.

CARNATION, VIENNA EARLY FLOWERING. Double, sweet-scented flowers, in a great variety of colors. Pkt., 200 seeds, 10 cents.

CARNATION, WHITE VIENNA. An early flowering, double white. Pkt., 100 seeds, 15 cents.

CARNATION, PRIZE DOUBLE. Very choice. Pkt., 150 seeds, 25 cents.

CARNATION, ORDINARY MIXED. Pkt., 5 cents.



Carnation, Marguerite.

DIANTHUS, OR CHINESE PINKS.

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The Chinese and Japanese varieties bloom the first season, the same as hardy annuals.

DIANTHUS CHINENSIS FL. PL. Double China Pink. Pkt., 5 cents.

DIANTHUS HEDDEWEGI FL. PL. Double Japan Pink. Pkt., 5 cents.

DIANTHUS LACINIATUS FL. PL. Double-fringed Japan Pink. Pkt., 5 cents.

DIANTHUS IMPERIALIS FL. PL. Double Imperial Pink. Pkt., 5 cents.

DIANTHUS PLUMARIUS. The beautiful Pheasant-eye Pink. Pkt., 5 cents.

Imported Collections, containing 10 varieties of this charming flower, 50 cents.

CANDYTUFT. Favorite plant, of the easiest culture. Useful for growing in beds or masses; mixed. Pkt., 5 cents.

CANNA, CROZY'S DWARF. Highly ornamental plants, with massive foliage, terminated by racemes of bright-colored flowers. Pkt., 10 cents.

COCKSCOMB. (*Celosia*) Handsome, free-blooming plants, of easy culture, producing pretty flowers, in combs and feathery spikes.

CELOSIA, PRESIDENT THIERS. Very dwarf, and bears large crimson combs. Pkt., 200 seeds, 10 cents.

CELOSIA, FEATHERED VARIETIES. In fine mixture. Pkt., 300 seeds, 5 cents.

COSMOS. A plant of strong growth, having elegant foliage, and for fall blooming has no superior. When in bloom they are covered with hundreds of blossoms three



inches across, resembling single Dahlias. They are of various shades, from pure white to purplish crimson. Both foliage and flowers are unsurpassed for bouquets and vases. All colors mixed. Pkt., 100 seeds, 5 cents.

COSMOS, WHITE PEARL. Large, pure white flowers, very valuable for florists. Pkt., 60 seeds, 10 cents.

COSMOS, PURE PINK. Beautiful large flowers of a clear, delicate pink color. Pkt., 60 seeds, 10 cents.

COSMOS, PURE YELLOW. This new variety is a clear, bright yellow. A beautiful contrast to the white and pink. The flowers are freely produced, but not quite so large as the others. Pkt., 30 seeds, 10 cents.

Gaillardias

A companion flower to the Coreopsis; the flowers are of magnificent size and wonder-

ful profusion, and are greatly admired for their fine forms and rich blending of colors; all varieties, mixed. Pkt., 100 seeds, 5 cents.

Success with Plants Assured

By growing them in **Jadoo Fibre** or watering them with **Jadoo Liquid**

DAHLIA, SINGLE GIANT PERFECTION

Seed saved from collection of imported varieties by a specialist in this class of plants. This strain is a decided advance on any we have yet seen, the plants being of strong, robust habit, and produce, in great abundance, flowers of immense size, in a bewildering range of color. Pkt., 50 seeds, 10 cents.

DAHLIA, DOUBLE. Very choice mixed. Pkt., 50 seeds, 10 cents.

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ANCHUSA CAPENSIS. A hardy annual of more than ordinary beauty. It grows about two feet high, branching freely and bearing a profusion of the most lovely flowers, similar in all respects to the Forget-me-not, though the blooms are much larger and of finer color. It is always taken for a beautiful, large flowering Forget-me-not, and for bouquets and cut flowers it is indeed superior to it. Its color is a deep, clear, brilliant blue with a pure white eye; one of the rarest and most lovely shades of that color. It blooms early and continues all summer. Pkt., 200 seeds, 10 cents.



HELIOTROPE. The delightful fragrance and modest beauty of this universal favorite is well known, but few are aware that it is as easily raised from seed as the common annuals. Pkt., 150 seeds, 10 cents.

HOLYHOCKS, DOUBLE MIXED. Where imposing effect is desired no plant is more useful. The large double flowers range through a great variety of colors, and if sown early will flower the first season; but it is the second year when seen at their best. Pkt., 100 seeds, 10 cents.

LOBELIA. A beautiful and useful class of plants, of easy culture, and valuable for bedding, edging, or hanging baskets. They are very dwarf, and form dense masses of lovely blue and white flowers.

LOBELIA, CRYSTAL PALACE. Splendid dark blue flowers. Pkt., 500 seeds, 5 cents.

LOBELIA, GRACILIS. Of drooping habit, with bright blue flowers and white center. Pkt., 500 seeds, 5 cents.

LOBELIA, EMPEROR WILLIAM. Intense blue. One of the best. Pkt., 500 seeds, 10 cent.

Sunset on a packet of seeds means.. **Satisfaction**

FOUR O'CLOCKS. One of the most brilliant and showy of annuals. The flowers are funnel-shaped, of many colors, and open about four o'clock in the afternoon, and remain open all night. Pkt., 5 cents.

GOLDEN FEATHER. Finely cut, fern-like leaves, of bright golden yellow color. Used for edging. Pkt., 5 cents.

LYCHNIS CHALCEDONICA. (Blazing Star.) Flowers dazzling scarlet. Pkt., 5 cents.

LINUM GRANDIFLORUM RUBRUM. A showy and effective plant, with dazzling scarlet flowers. Pkt., 100 seeds, 5 cents.

MONKEY FLOWER. A strikingly handsome variety of *Mimulus*, with beautifully spotted blossoms. Pkt., 5 cents.

MUSK PLANT. Largely grown for the perfume of the leaves. Pkt., 5 cents.

MIMOSA PUDICA (Sensitive Plant). The leaves of this curious plant instantly close up when touched. Pkt., 50 seeds, 5 cents.

Two Pages of Lovely Climbers

IMPERIAL JAPANESE MORNING GLORIES.

The surpassing charm of these lies in the entrancing beauty and gigantic size of the flowers; they measure from four to six inches across, and their greater substance causes them to remain open much longer than ordinary Morning Glories. The colors of the flowers, shadings and markings are limitless, and of such incomparable beauty that descriptions are inadequate. Some flowers are of deep, rich, velvety tones, others more daintily tinted and shaded than an artist's brush could portray. The solid colors range through reds from soft rose to crimson, bronze and garnet maroon; from daintiest light blue to ultramarine, indigo and blackish purple; from snow-white to cream and silver gray. Some are striped, starred



IMPERIAL JAPANESE MORNING GLORIES

and spotted; others have magnificent edges and throats. The vines are of strong and robust growth, attaining a height of from thirty to fifty feet. The foliage is most luxuriant, distinct and varied. The Imperial Japanese Morning Glories are of the easiest culture. Sow early in a warm, sunny position, in good, rich soil, and give plenty of water in dry weather. Pkt., 10 cents.

NEW DOUBLE MORNING GLORY. About eighty per cent. of the seed may be expected to produce double flowering plants as freely as the ordinary Morning Glory; the remainder will flower semi double or single. Flowers white, with a slight spot of red or of blue at the base of the large petals. Pkt., 10 cents.

MORNING GLORY (*Convolvulus Major*). All colors mixed. Pkt., 5 cents.

ADLUMIA CIRRHOSA, OR MOUNTAIN FRINGE. A lovely climber, with pale green foliage and flesh-colored flowers. Pkt., 10 cents.

ARISTOLOCHIA ELEGANS. Curious climber, with broad foliage. If trained on piazza or against a house, the effect is charming. Flowers purple, white, and yellow. Pkt., 10 cents.

CYCLANTHERA EXPLODENS. A climbing plant, with handsome foliage and fruit, exploding loudly when ripe. Pkt., 5 cents.

BALLOON VINE. Ornamental, rapid-growing climber, remarkable chiefly as having an inflated membranous capsule, from which it derives its common name. Pkt., 5 cents.

CANARY BIRD VINE. A rapid-growing, climbing annual, growing ten to fifteen feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed, bright yellow flowers, which resemble a canary bird with expanded wings. Pkt., 5 cents.

12

MOONFLOWER, GIANT WHITE. A superb climber. Superior in every way to the common Moonflower, the flowers being much larger, of greater substance, and pure white. The buds open late in the afternoon, remaining open until nearly noon the next day, and, if cloudy, will remain open all day long. The vines make rapid growth, branching and climbing twenty-five feet or more. A single plant often having from twenty to forty magnificent flowers open at a time. Pkt., 12 seeds, 10 cents.

MINA LOBATA. A beautiful climber from Mexico. The buds are at first vivid red, but turn orange yellow before opening, and when fully expanded the flowers are a creamy white shade. Pkt., 30 seeds, 10 cents.

MOMORDICA. Curious climbing vines, with ornamental foliage and golden yellow-warted fruit, which, when ripe, bursts open, showing the seed and its brilliant carmine interior. The common names of the two varieties we offer are **Balsam Apple** and **Balsam Pear**. Each pkt., 5 cents.

PASSION FLOWER. Indispensable climbing plants for the garden, bearing a profusion of attractive flowers; mixed sorts. Pkt., 5 cents.

MAURANDIA. Graceful, annual climber, for window, conservatory, or open ground. Admirable for use in vases or to cover trellises. Pkt., 10 cents.

IPOMEA LEARII. A most beautiful climber, bearing clusters of lovely sky-blue flowers, which measure fully five to six inches across. Pkt., 10 cents.

MANDEVILLEA SUAVOLENS. A beautiful, pure white-flowered climber. The foliage is small and delicate, and the habit of the plant rather straggling, but the fine white flowers are produced in great profusion, and are admirable for cutting for bouquets. Pkt., 10 cents.

AUSTRALIAN PEA VINE. A quick-growing climber, bearing clusters of small red pea-shaped flowers, which almost cover the neat, bright green foliage. Pkt., 10 cents.

SUNSET on a packet of seeds means.. SUPERIORITY

COBAEA SCANDENS. A fine, rapid-growing climber, with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful deep violet-blue. To insure germinating, the seeds should be planted edgewise. Pkt., 15 seeds, 10 cents.

CYPRESS VINE (*Ipomea quamoclit*). A popular vine, with delicate fern-like foliage, covered with beautiful star-shaped flowers; mixed. Pkt., 5 cents.

HYACINTH BEAN (*Dolichos*). A beautiful, quick-growing climber, with blue and white flowers, borne in immense clusters; mixed. Pkt., 5 cents.

VARIEGATED JAPANESE HOP. A rapid-growing, perfectly hardy climber, with beautifully variegated foliage. Of the easiest culture, and sows itself after the first year. Pkt., 25 seeds, 10 cents.

BRAZILIAN MORNING GLORY. A very vigorous and robust-growing vine. The stems of the plant, leaves, and flowers are covered with brown hairs, which, combined with its vigor of growth and large leaves, makes it a very distinct and beautiful climber. The flowers are of a delicate shade of blue and resemble the Morning Glory, but are larger and more beautiful. Pkt., 20 seeds, 10 cents.

SMILAX. A graceful climber, with bright glossy-green foliage. Pkt., 5 cents.

GOURDS. Summer climbers, of rapid growth, with curiously shaped fruit, in various colors, which, if allowed to fully ripen on the vines, can be kept as curiosities for any length of time. We have the following sorts: **Apple-shaped**, **Dipper**, **Egg-shaped**, **Hercules Club**, **Pear-shaped**, and **Sugar-Trough**. Each Pkt., 5 cents.

GOURDS. All varieties, mixed. Pkt., 5 cents.

CENTROSEMA GRANDIFLORA. Highly recommended as a hardy vine of rare beauty, which, even in poor soil, will produce large clusters of inverted pea-shaped flowers, delightfully fragrant, and ranging in color from rosy-violet to reddish-purple, with bright-feathered markings through the center. The seed germinate slowly, and should be soaked in warm water over night. Pkt., 50 seeds, 10 cents.

MIGNONETTE, GOLDEN MACHET. A desirable and distinct new variety of

compact and robust habit, possessing all the excellent qualities of its predecessor, the well known Machet, so deservedly recognized as the best for forcing and pot culture. This variety bears long massive spikes crowned with golden-yellow blossoms, but in all other respects resembles the red-flowered Machet. Pkt., 100 seeds, 10 cents.

MIGNONETTE, RED MACHET. An entirely new and distinct sort, of great merit. It is of dwarf and vigorous growth, with massive spikes of deliciously scented red flowers. Pkt., 200 seeds, 5 cents.

MIGNONETTE, GOLDEN QUEEN. Large flower spikes, densely covered with florets of a light yellow color, deliciously fragrant. Pkt. 200 seeds, 5 cents.

MIGNONETTE, CRIMSON QUEEN. Robust habit, with very large spikes of crimson flowers. Pkt., 200 seeds, 5 cents.

MIGNONETTE, BIRD'S MAMMOTH. Largest variety grown. Under proper cultivation the spikes average twelve to fifteen inches long, are very full and exceedingly fragrant. Pkt., 200 seeds, 10 cents.

MIGNONETTE, SWEET. The most fragrant of all. Pkt., 5 cents.

MIGNONETTE, ALLEN'S DEFIANCE. When grown under favorable conditions and with proper care, the spikes will grow from 12 to 15 inches long, and the individual florets are of large size and stand out boldly, forming a graceful as well as compact spike. The flowers are of deliciously fragrant, and possess extraordinary keeping qualities, the spikes having kept three weeks after cutting, retaining their grace and fragrance until every bud opened. Pkt., 150 seeds, 10 cents.



CENTAUREA. An interesting genus, remarkable for the free-flowering habit of some of its members, and the beautiful silvery foliage of others.

CENTAUREA, MARGUERITE. Entirely distinct from all other Centaureas, and undoubtedly the most beautiful variety known. They grow about eighteen inches high, and are of the easiest culture. The flowers are purest white, deliciously scented, exquisitely lacinated and freely produced on long stems, which renders them valuable for cutting. In unique beauty it is entirely unlike any other flowering plant, and sure to excite admiration wherever grown. Pkt., 100 seeds, 10 cents.

BACHELOR'S FOLIAGE, or CORN FLOWER. This popular favorite is best known of all the Centaureas, and furnishes a profusion of white, blue, and pink flowers, of which the blue is most beloved of all. Either color. Pkt., 5 cents.

CENTAUREA, CANDIDISSIMA. Large silvery white leaves, deeply lacinated. Pkt., 10 cents.

CENTAUREA, GYMNOCARPA. Silvery gray foliage. Pkt., 5 cents.

PHYSALIS FRANCHETI. A new giant Winter Cherry from Japan, growing about

two feet high, of erect habit, with handsome foliage. The most striking feature is the brilliant seed-pods, which are over two inches in diameter, and of a charming brilliant orange-vermilion tint, and enclose a cherry-like fruit of the same color. The fruit is edible, and specially recommended as a preserve. The intense color of the seed-pods makes the plant very valuable for all sorts of autumn and winter decorations. Pkt., 15 cents.

RICINUS ZANZIBARIENSIS. The plants grow from ten to fifteen feet high, and

the leaves measure about thirty inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems, and all having a brilliant luster. We know of no annual plant which is so desirable for concealing unsightly objects or of more imposing beauty when standing alone or in groups on the lawn. Pkt., 10 cents.

RICINUS. All varieties, mixed. Pkt., 5 cents.

NEMOPHILA INSIGNIS. Bright blue, with white center. Pkt., 5 cents.

NICOTIANA AFFINIS. An ornamental variety of tobacco, with large white fragrant flowers. Pkt., 10 cents.

NIEREMBERGIA. Beautiful free-blooming plants; mixed colors. Pkt., 5 cents.

CENOTHERA (Evening Primrose). A continuous blooming, free-flowering plant, that opens near the close of the day; mixed colors. Pkt., 5 cents.

PERILLA NANKINENSIS. Highly ornamental, having a beautiful metallic ebony-purple foliage. Pkt., 5 cents.

PORTULACA, DOUBLE. All colors mixed. Pkt., 10 cents.

PORTULACA, SINGLE. All colors mixed. Pkt., 5 cents.

Primula Sinensis Fimbriata.

(Fringed Chinese Primrose.) A profuse flowering, charming greenhouse plant, finely adapted for decorative purposes.

PRIMULA, SINGLE. All colors mixed. Pkt., 25 cents.

PRIMULA, DOUBLE. All colors mixed. Pkt., 50 cents.

YELLOW COWSLIP. This fine old English flower succeeds admirably here in our cooler districts, and can be grown to perfection with a little care. Should be started in boxes and transplanted to some sheltered, shady situation to flower. Pkt., 10 cents.

SPERGULA PILIFERA. An excellent and lasting substitute for grass in cemetery lots. It soon establishes itself, and is of a pleasant, green color and delicate texture, and retains its verdure in the driest and hottest seasons. Pkt., 25 cents.

LEMION VERBENA. Easily grown from seed, and very desirable on account of the fragrant foliage. Pkt., 40 seeds, 5 cents.

USAMBARA VIOLET (Saintpaulia Ionantha). This most charming plant was found on the Usambara Mountains, in East Africa, and is one of the best introductions of late years. The tiny plants form a flat rosette of deep green, bairy leaves, reddish-brown underneath, with flower stems two to four inches in length, crowned by beautiful deep blue flowers, bearing a close resemblance in form as well as color to those of the sweet-scented Violet. A well established plant, will bloom continually throughout the year. The seed is extremely fine, and requires careful treatment. Pkt., 25 cents.

VIOLETS. Well-known, free-flowering hardy plants, that do well in a partially shaded, moist situation. Easily grown from seed. Fragrant varieties; mixed. Pkt., 150 seeds, 10 cents.



PANSY, "PEACOCK." The upper petals are a beautiful blue, edged with white; heavy blotches of a deep blue shading to black gives a blending of color that resembles the feathers of a peacock. Pkt., 150 seeds, 10 cents.

PANSY, LORD BEACONSFIELD. Purple-violet, shading to lavender. Pkt., 150 seeds, 10 cents.

PANSY, ODIER, or FIVE-BLOTCHED. Each petal has a large blotch, with clearly defined margin. Pkt., 150 seeds, 10 cents.

PANSY, VICTORIA. A peculiar reddish bronze. Pkt., 100 seeds, 10 cents.

PANSY, MENLO PARK MIXTURE. An extra fine mixture of giant-flowered pansies. Pkt., 300 seeds, 25 cents.

PANSY, MIXED. Of good quality. Pkt., 200 seeds, 5 cents.

COLLECTIONS
12 DISTINCT VARIETIES OF
PANSY
75 CENTS.

PANSY, "FIRE KING." Distinct and striking. The three lower petals each have a large blotch of deep brown-red, or marigolds, margined with yellow, while the upper petals are a bright reddish-brown. Pkt., 10 cents.

PANSY, Azure-Blue, Black-Blue, Bronze color, Faust, Gold-Margined, Striped, White, or Yellow. Each Pkt., 100 seeds, 5 cents.

PANSY, EMPEROR WILLIAM. Deep ultramarine blue. Solid color. Pkt., 150 seeds, 10 cents.

PANSY, FIERY FACES. Purple-scarlet, yellow margin and yellow eye. Three lower petals regularly marked with large velvety black spots. Pkt., 100 seeds, 10 cents.

PANSY, METFOR. Bright terra-cotta color, showing a fiery reflex. Pkt., 150 seeds, 10 cents.

PANSY, TRIMARDEAU. A distinct and beautiful giant-flowered race of rich and varied shades of color, each flower marked with three large blotches or spots. Pkt., 150 seeds, 10 cents.

PANSY, S N O W QUEEN. Pure satiny white, with yellow dot in center of the flower. Pkt., 10 cents.

PETUNIA GIANTS OF CALIFORNIA



The True Giants of California Petunia.

The acme of perfection is surely attained in these marvels of beauty, and is the result of tireless effort by a celebrated lady specialist in the southern part of the State. They bear gigantic flowers of an astonishing variety of color. One of the chief points of beauty is the depth and diversity of veinings in the throat. Pkt., 200 seeds, 25 cents.

PETUNIA, DOUBLE-FRINGED. Will produce a large percentage of double flowers of the largest fringed varieties in all shades of color existing in the Petunia. The weaker seedlings should be selected, as these usually produce the double flowers. Pkt., 60 seeds, 25 cents.

PETUNIA, FINE MIXED. For ordinary use this is a most satisfactory mixture, and embraces all desirable colors. Pkt., 1000 seeds, 5 cents.

MARIGOLDS. Wherever a rich display of bloom is desired these flowers are almost indispensable. The African varieties are stronger in habit and produce larger flowers than the French. The improved French strains are dwarf and compact, and of unusual beauty.

MARIGOLD, AFRICAN EL DORADO, or DAHLIA-FLOWERED. Large imbricated flowers. Very double. Pkt., 150 seeds, 5 cents.

MARIGOLD, AFRICAN DOUBLE MIXED. All varieties. Pkt., 200 seeds, 5 cents.

MARIGOLD, FRENCH LEGION OF HONOR. Beautiful single dwarf, compact variety, with bright golden star-like flowers, with garnet blotches in the center of each petal. Pkt., 150 seeds, 10 cents.

MARIGOLD, FRENCH DOUBLE DWARF. Mixed colors. Pkt., 200 seeds, 5 cents.

POPPIES.

Extremely showy free flowering plants which by their stately form, brilliant and effective colors, are admirably adapted to enliven shrubbery and mixed borders.

POPPY, DANEBROG. Brilliant scarlet, with silver spot on each of the petals. Pkt., 5 cents.

POPPY, FLAG OF TRUCE. Large satiny white flowers, three to four inches across; extremely handsome. Pkt., 10 cents.

POPPY, LÆVIGATUM. Flowers four inches in diameter, brilliant deep scarlet with black spots, surrounded by a white margin at the base of each petal. Pkt., 10 cents.

POPPY, MIKADO. The petals are cut and fringed; the color pure white at the back, while the fringed edges are of a brilliant crimson scarlet. Pkt., 10 cents.

POPPY, SHIRLEY. The satiny texture and wonderful colors of this variety are admired by all. Pkt., 10 cents.

POPPY, UMBROSUM. Scarlet marked with a black spot on each petal. Pkt., 10 cents.



TULIP POPPY. A mere description gives no adequate idea of the superb color-effect presented by a bed or clump of this grand new Poppy. The glowing scarlet of the flowers is such that one is reminded of the superb *Duc Von Thol* Tulip. Pkt., 10 cents.

POPPY, "SUNSET MIXTURE." Unsurpassed for magnificence of colors. Pkt., 5 cents.

NASTURTIUM, DWARF. These well-known plants stand unrivalled for beauty and effect. When planted in poor soil, they flower most profusely, and remain continuously in bloom in sections where they are not cut down by frost. The following varieties grown by ourselves are each 15 cents per oz., or 5 cents per pkt.

- Aurora, delicate orange, veined with carmine.
- Bronze-colored.
- Crimson, bright crimson, with very dark foliage.
- Empress of India, a beautiful velvety, dark coppery red, with dark foliage.
- King Theodore, dark maroon.
- King of Tom Thumbs, scarlet, with dark foliage.
- Pearl, cream white.
- Rose.
- Scarlet.
- Yellow.

Above varieties in mixture, oz. 10 cents. Pkt., 5 cents.

NASTURTIUM, MADAM GUNTER'S HYBRIDS. A new race in which the petals are much broader than in the old sorts, and the colors are more varied and brilliant. Many of the flowers are striped or blotched with shades of red on yellow and orange ground, forming a combination of exceeding brilliancy and beauty. Not only are these hybrids a great advance in the form and colors of the flowers, but the plants, which grow about four feet high, are exceedingly vigorous and wonderfully profuse bloomers. One of the most desirable of recent introductions. Pkt., 10 cents.

NASTURTIUM, CLIMBING SORTS. We offer all the most beautiful and brilliant colors in mixture, and assure you it cannot be surpassed in quality. No better nor easier grown covering for fences, etc., than this can be had. Oz., 10 cents; pkt., 5 cents.

SWEET WILLIAM. Old favorites of matchless beauty; many bright colors and varied markings, single and double. Each Pkt., 100 seeds, 5 cents.

NEW YELLOW PHLOX.



Much admired on account of its color, which is a rich straw yellow, of a warm and glowing tone, while the flowers are of extra large size and finest form. Pkt., 200 seeds, 10 cents.

STAR OF QUEDLINBURG PHLOX. This unique variety is of extraordinary character; the flowers appear to have a star-like form, thus producing a most brilliant effect. Finest mixed from over twenty colors. Pkt., 200 seeds, 10 cents.

NEW FRINGED PHLOX. A distinct variety, of great beauty, the petals being partly fimbriate and partly three-toothed. All distinctly bordered with white. Over twenty distinct shades mixed. Pkt., 200 seeds, 10 cents.

PHLOX, DRUMMONDII. Mixture of all the older varieties. Pkt., 300 seeds, 5 cents.

STOCKS OR GILLIFLOWERS

STOCK, "CUT AND COME AGAIN." A fine perpetual-blooming Stock, producing pure white, beautifully-shaped double flowers. It throws out numbers of side branches, bearing clusters of blossoms, and is excellent for cutting. Pkt., 100 seeds, 10 cents.

STOCK, MAMMOTH FLOWERED PERFECTION. Immense spikes of perfectly double flowers, the individual blooms frequently measuring two inches in diameter, with all the varying shades of crimson, rose, white, blue, lilac, and yellow. Greatly prized for cut flowers on account of their fragrance and diversity of color. Pkt., 150 seeds, 10 cents.

STOCK, in separate colors, Canary Yellow, Blood-Red, Rose, and Scarlet. Each Pkt., 100 seeds, 10 cents.

IMPORTED COLLECTIONS, containing 12 varieties of this charming flower, 75 cents.

SUNFLOWER, STELLA. A well-branched and bushy plant, covered with finely-formed golden yellow flowers, borne on long stems, which rise well above the foliage. Pkt., 50 seeds, 10 cents.

SUNFLOWER, LARGE DOUBLE YELLOW. Produces exceedingly double flowers. Pkt., 5 cents.

SUNFLOWER, MAMMOTH RUSSIAN. A strong-growing, single variety. Pkt., 5 cents.

VERBENA, MAMMOTH FLOWERED. This grand new strain produces flowers of unusual size and the most brilliant colors. Pkt., 100 seeds, 10 cents.

VERBENA HYBRIDA. Many sorts mixed. Pkt., 200 seeds, 5 cents.

WALL FLOWER, DOUBLE GERMAN. Best varieties mixed. Pkt., 100 seeds, 10 cents.

WALL FLOWER, SINGLE MIXED. Pkt., 200 seeds, 5 cents.



Myosotis Victoria.

NEW FORGET-ME-NOT VICTORIA. Grows perfectly round in shape, 5 to 7 inches high and 8 to 10 inches in diameter, and is entirely covered with large umbels of flowers of azure blue. This beautiful Forget-me-not is the best of all for edgings and growing in pots for market. Pkt., 100 seeds, 10 cents.

NEW FORGET-ME-NOT DISTINCTION. This represents a remarkable and valuable new race of Forget-me-nots, and may be treated as an annual and sown at any time of the year, beginning to flower in from eight to ten weeks from seed-sowing. When fully grown, the plants are perfectly covered with flowers of the most lovely azure blue. If sown in July, and then planted in pots and brought into the house, they will continue flowering all winter. Pkt., 100 seeds, 15 cents.

THUNBERGIA. Black-eyed Susan of the Eastern States. Elegant slender-growing climber, and a mirably adapted for vases. When grown without support, one plant will form a beautiful mat three to four feet in diameter. The colors are pure white, light yellow, and deep orange, and of each color there is a variety with white and also with black eye. Pkt., 30 seeds, 5 cents.

SOLANUM. Beautiful fruit-bearing plants, specially adapted for greenhouse or parlor decoration. The foliage is handsome, and contrasts finely with the miniature scarlet fruit with which the plant is covered. Pkt., 10 cents.

VINCA. Ornamental, free-blooming plants, that, if sown early, will flower from seed the first season, and, when not cut down by frost, remain almost continuously in bloom. May be potted and kept during winter as a house plant.

VINCA, ALBA PURA. Pure white. Pkt., 5 cents.

VINCA, ROSEA. White, with a dark crimson eye. Pkt., 5 cents.

VINCA. Above and other sorts, mixed. Pkt., 5 cents.

ZINNIAS, CURLED AND CRESTED. A beautiful strain of this popular plant, the petals being twisted, curled, and crested into the most fantastic and graceful forms. Pkt., 100 seeds, 10 cents.

ZINNIA, GIANT DOUBLE. Flowers large, perfectly formed and of striking colors. Pkt., 100 seeds, 5 cents.

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Blue-flowered Polyanthus

(*Primula elatior cerulea*). Produces flowers of the most lovely tints, varying from lavender to the deepest blue or violet. While the flowers of the wild Primrose are often hidden by the foliage, the Polyanthus show their umbels on long stems well above the foliage, and present, when in full flower, a most pleasing aspect. Pkt., 25 cents.

Rudbeckia Bicolor Superba.

This new variety presents a welcome addition to the collection of these popular plants. Growing about two feet, it forms a many-branched, dense bush, and produces its long-stemmed flowers in the greatest profusion. The disc is brown, the ray florets are yellow, with large velvety brown spots at the base, a color that renders them effective and useful for cutting. Pkt., 15 cents.



Blue-flowered Polyanthus.

Tacsonia van Volxemi.

An exceedingly handsome evergreen climber, with bright crimson flowers somewhat resembling a Passion Flower; it is a half hardy perennial, and grows about ten feet high. Pkt., 25 seeds, 10 cents.

TECOMA SMITHI.

From Australia, where, in a few years, it grows to the height of ten or fifteen feet, and is practically a perpetual bloomer. The individual flowers are tubular, about two inches long, and one inch diameter at the mouth, and of a rich lemon-yellow, shading to dark orange. Pkt., 15 cents.

Success with Plants Assured

By growing them in.... **JADOO FIBRE** or watering them with.. **JADOO LIQUID**

FLOWER SEEDS BY WEIGHT

	Per oz.		Per oz.
ALYSSUM, SWEET	\$ 25	PANSY. Mixed	\$1 00
ASTER, CHINA. Mixed colors	1 00	PETUNIA. Choice mixed	1 00
CANDYTUFT. Mixed colors	25	PINKS, DOUBLE. Mixed	50
CONVOLVULUS MAJOR (Morning Glory)...	15	POPPY, "SUNSET" MIXTURE	20
ENSCHSOLTZIA. Mixed	30	VERBENA. Mixed	1 00
MIGNONETTE, SWEET	15	ZINNIA, DOUBLE. Mixed	40

THE CHILDREN'S GARDEN

We offer a splendid mixture of beautiful, free-blooming, hardy flowers for the children's benefit. What pleasure a packet of these will give the little ones, and what memories of our own childhood days may it not awaken as we watch the tireless wee workers, eagerly expectant and later haloed with happiness, as the ever varying bloom furnishes a continual surprise. As there are over a hundred varieties in the mixture, failure is really impossible. Pkt. 10 cents, 3 for 25 cents.

BEAUTIFUL WILD FLOWERS OF CALIFORNIA



WHISPERING BELLS

(EMMENANTHE PENDULIFLORA).

This is the much-admired Yellow Bells of California, and forms a broad bush, about two feet high. Each of the numerous branches is fairly loaded with bell-shaped, pendulous flowers, half inch



California Yellow Bells.

buds never fail to attract attention. Seven to ten large flowers are produced on each spike. Seeds of the true variety are still rare. Pkt., 20 seeds, 25 cents.

long, and of a delicate cream color. The seed should be sown in mellow soil early in spring, or the plants can be brought into earlier blooming by sowing seeds in the greenhouse or hot-bed, and afterwards transplanting to a permanent place in the garden. Pkt., 200 seeds, 15 cents.

Everlasting Pea

(LATHYRUS SPLENDENS).

The marvelous beauty of this wonderful everlasting native pea is unpassed in the whole range of perennial climbers. The light and graceful foliage and gorgeous spikes of deepest crimson, pea-shaped flowers and rosy pink

MATILJA POPPY

(ROMNEYA COULTERI).

For supreme and stately beauty this magnificent plant is conceded the queen of our native flowers. It is of great value as a cut flower, lasting well in water, and its delicate primrose-like perfume is most acceptable in a room. The flowers are very large, four to five inches across, pure white, with a fine bunch of yellow stamens, resembling large white single Pæonies. The seed of this beautiful plant takes several months to germinate. Pkt., 25 cents.

THE YELLOW TREE POPPY OF CALIFORNIA

(DENDROMECON RIGIDUM).

It grows about three feet high, has willow-shaped, rigid, glaucous leaves, contrasting elegantly with the color of the flowers, which are of a lovely lemon yellow. Pkt., 15 cents.

GILIA DIANTHOIDES

Scarcely anything can be prettier than this bright little hardy annual. The tiny plants are often no more than an inch high, but are covered with rosy lilac star blossoms, exquisitely delicate in texture and form. Single plants produce little show, but grown in masses they form a charming color picture. Pkt., 10 cents.

PILLAR OF FIRE

(DELPHINIUM CARDINALE).

"Pillar of Fire" is no misnomer for this highly attractive scarlet Larkspur. Of a strong, vigorous habit of growth, with clean, pretty foliage, it throws up flower stems from four to six feet high, covered with flowers of the most dazzling scarlet imaginable. Pkt., 100 seeds, 10 cents.

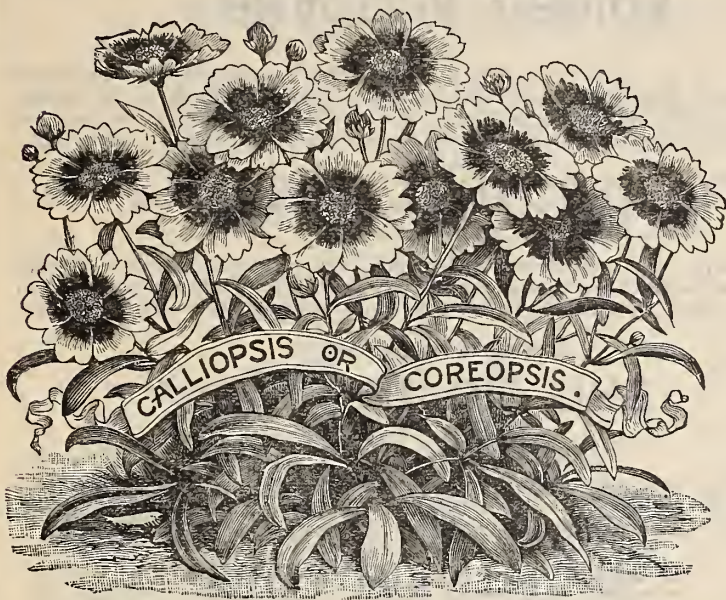
PHACELIA TANACETIFOLIA

This hardy and easily grown flower is better known as the California Bee Fodder Plant, owing to its being largely used for that purpose. It forms great mounds of foliage, often two to three feet across, and thickly covered with bright violet-blue blossoms. Among the Spanish-Californians it is known as "Vervenia." Pkt., 5 cents.

PHACELIA VISCIDA

A handsome annual, growing about one foot high, and producing a terminal raceme of dark blue flowers, each flower being about three-quarters of an inch across. This plant produces a magnificent effect as it remains in flower most of the season. Pkt., 5 cents.

CALLIOPSIS LANCEOLATA GRANDIFLORA



Although not a native, this lovely flower has become so identified with the flora of California that we place it under this head. The flowers are of the largest type, exquisitely formed, the petals being broad, irregularly fringed, and lacinated, and in color ranging through all the shades of yellow. Pkt., 200 seeds, 10 cts.

DODECATHEON CLEVELANDI

One of the most charming of the many lovely spring flowers of Southern California, sending up tall flower stalks, crowned with clusters of beautiful Cyclamen-like blossoms, varying from delicate lilac to pure white. The petals are ringed below with pale yellow, and the beak of the flower is a rich prunc-purple. There is a certain generous, fine look about these flowers and their charm is completed by a delicious perfume, like that of the cultivated Cyclamen. Pkt., 15 cents.

SCARLET BUGLER

(PENTSTEMON CONTRANTHIFOLIUS).

The vermilion-colored flowers of this plant are a familiar sight in Southern California. The panicle is often two feet long, with its string of scarlet horns. The individual flowers bear quite a likeness to those of the Honeysuckle, and by those who see it for the first time it is usually spoken of as Honeysuckle. Pkt., 10 cents.

MENTZELIA LINDLEYI

One of the most brilliantly radiant of all our flowers. Its charming blossoms are of a delicate silken texture and of the richest gold. When the flowers first open the stamens lie flat upon the petals, but they gradually rise up, forming a large tuft in the center of the flower. Pkt., 5 cents.

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CALIFORNIA POPPIES

A beautiful ten-color lithograph reproduction (admitted by art critics to be the best ever made of the California Poppy), on heavy plate paper, suitable for framing, is issued with this Catalogue.

As a work of art it speaks for itself.

✍ Extra copies and a packet of Seed mailed for 10 cents.

Every one knows and loves our bright little "State Flower," that in no small degree has made California famous as a land of flowers. Who that has seen can forget the simple grandeur of our Poppy-clad hills in early spring? These flowers are equally pleasing in their domesticated as in their wild state, and nothing is handsomer or richer in color than a bed of these in full bloom. The dark orange variety is the typical California Poppy, but there are other pleasing colors, the most desirable of which we describe below and offer separately, at 5 cents per pkt. of 100 seeds, or the collection of 11 varieties for 40 cents.

Eschscholtzia Californica. Bright sulphur yellow, with rich orange center.

Eschscholtzia alba. Pure white.

Eschscholtzia aurantiaca. Dark orange.

Eschscholtzia carminea. Large flowers of rich, rosy purple.

Eschscholtzia crocea, fl. pl. Double orange.

Eschscholtzia crocea alba, fl. pl. Double white.

Eschscholtzia crocea striata. Beautifully striped.

Eschscholtzia Mandarin. Inner side of the petals of a rich orange, the outer side being a brilliant scarlet.

Eschscholtzia Mandarin, fl. pl. A double variety of the foregoing, with very large flowers; the interior is a rich orange yellow, feathered towards the edges with lemon; the outside, orange red.

Eschscholtzia maritima. Very pretty sort, with silvery-gray foliage, beautifully lacinated; flowers of a bright canary-yellow, with deep orange spots at the base of each petal, forming a distinct "Maltese Cross."

Eschscholtzia tenuifolia. Pale yellow, with finely cut foliage.

All the above varieties mixed. Pkt., 5 cents.

New California Poppy "GOLDEN WEST"

This new variety is described by the introducer as follows: "A development from *Eschscholtzia Maritima*, of which it may be described as a giant form, as the flowers measure from four to six inches in diameter, and have large overlapping petals, often delicately waved at the edges. They are beautifully and variously formed—some being flat, others saucer-shaped, and others very deep and fluted. Words are inadequate to describe the wondrous beauty of these magnificent flowers; their intense and shining color, immense size, and lovely forms calls forth the most enthusiastic expression of admiration."

This variety is especially recommended for Eastern gardens, owing to its early and long-continued season of blooming. Pkt., 100 seeds, 10 cents.

The Wild Flowers of California

THEIR NAMES, HAUNTS AND HABITS

By MARY ELIZABETH PARSONS. Illustrated by MARGARET WARRINER BUCK

One hundred and fifty beautiful full-page illustrations; 460 pages. Bound in buckram, with suitable cover design. \$2.00 net; \$2.20 post-paid.



California Sweet Peas



THE RUNNING MATE OF THE CALIFORNIA POPPY

California's State Floral Emblem

GROWN AND OFFERED BY

Sunset Seed & Plant Co. San Francisco

AMERICA'S PIONEER SWEET PEA SPECIALISTS

So recognized the world over.

NEARLY all the Sweet Pea seed sold by American seed houses is grown in California, and the best is grown by us.

Aside from selling Sweet Peas, we are the world's accepted critical authority upon the subject. If you want to know more about this truth, send for our **SWEET PEA REVIEW**, Third Edition, just issued,

(Price, 25 Cents, EASILY WORTH A DOLLAR),

and read in it both what we have to say about Sweet Pea knowledge brought up to date, and also what the **Press** and the **People** say of what we know about Sweet Peas.

It is not amiss to here mention that our firm was the only one in the world that exhibited Sweet Peas growing in the open ground at the World's Columbian Exposition, Chicago, U. S. A., 1893, when we were awarded a Bronze Medal and a Diploma of Honor.

Also we were the only American house who had flower seeds actually growing on the grounds of the Hamburg (Germany) Horticultural Exposition, 1897. Our Sweet Pea exhibit won a Great **SILVER MEDAL**; and also a **CASH AWARD**. We have a limited number of beautiful souvenirs of this exhibit, which we will send, if asked for, with Sweet Pea orders to amount of \$2.50.

The public have been confused by the long array of Sweet Pea varieties presented for sale in recent years. As some home-dwellers find happiness within limited garden areas, it is impracticable for them to grow more than a very few varieties. It is important to this class of people to know how to get a nice variety of colors in a moderate quantity of seed at a small price.

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CALIFORNIA SWEET PEAS (Continued).

Sunset Superior Selected Mixture,

price 5 cents a **large packet** or 10 cents per **ounce**, \$1.00 per **pound**, supplies the need of those who have only a little room for planting and yet want more than one color. It contains **seventy-five separately-grown and distinct varieties**, and **some hitherto unknown novelties**. It is plain that all of these varieties may not be found in a **packet** of mixture, but a reasonable assortment will surely be there. An **ounce** will naturally contain a larger number of varieties, while a **quarter pound**, **half pound** and **pound** will give a **marvelous array of charming variations**, taking in **all the blendings of colors in the rainbow**.

The person with limited ground available can for 20 cents, obtain from us the following **six** most distinct varieties out of one hundred and twenty-five.

The Best Colors, Finest Forms, Largest Sizes, Most Lasting, as follows:



Six varieties, a large package of each, for 20 cents.

ALL LARGE FLOWERED.

- BLANCHE BURPEE. Finest white.
- CELESTIAL. Pale mauve blue; exquisite.
- LITTLE DORRIT. Standards pink, wings nearly white.
- MARS. Intense crimson, best solid red.
- MRS. JOSEPH CHAMBERLAIN. Beautifully variegated, rose stripes on white ground.
- PRIMA DONNA. Best of all the grand pink sorts.

If there be more room, and a more extensive color assortment is desired, we suggest the following **Twelve** varieties with all the staple qualities of the previous collection, which we offer for 35 cents.



Twelve varieties, a large package of each, for 35 cents.

ALL LARGE FLOWERED, as follows:

- BLANCHE BURPEE. Foremost of the pure white varieties.
- CELESTIAL. Delicate bluish mauve; elegant.
- CROWN JEWEL. Soft, creamy blendings of violet, rose, and pink.
- HER MAJESTY. Fine large rose-pink self.

- LITTLE DORRIT. Pink and white, standards and wings in separate tints.
- LOTTIE ECKFORD. White ground, lightly suffused with heliotrope, margined with blue; very pretty.
- MARS. Deep crimson, a striking color, fine form.
- MRS. ECKFORD. Pale straw yellow, designated as primrose.
- MRS. JOSEPH CHAMBERLAIN. Rose and white striped; large and finely formed.
- PRIMA DONNA. First among the pink selfs; a perfect flower and one of the finest.
- ROYAL ROSE. An elegant gradation of rose, grandiflora type.
- STANLEY. Darkest of all Sweet Peas, deepest burnt carmine, commonly called maroon.

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CALIFORNIA SWEET PEAS (Continued).

Some people have plenty of room, and fortunately take a great deal of interest in Sweet Peas, and every season like to stock-up with a goodly number of the best and most distinctive varieties **brought up to date**. Such persons will like to obtain our collection of **Twenty Varieties** enumerated below for **50 cents**.



Twenty distinct varieties, a large package of each, for 50 cents.

ALL LARGE FLOWERED, as follows:

- | | |
|---------------------------------|---|
| AMERICA. | Best of the scarlet crimson-and-white, striped. |
| BLANCHE BURPEE. | Pure white of the highest type. |
| CELESTIAL. | Highest type of the bluish mauve sorts. |
| CROWN JEWEL. | Delicate blendings of creamy violet, rose and pink. |
| CUPID. | White dwarf, growing six-inches in height. |
| DUCHESS OF YORK. | Delicate pink stripes on creamy white ground. |
| GRAY FRIAR. | Unique speckled effect; choice. |
| HER MAJESTY. | Clear rose-pink self, improved form. |
| LADY BEACONSFIELD. | Standards salmon tinted with rose; wings creamy primrose. |
| LEMON QUEEN. | Lemon yellow in the bud, a delicate blush-pink when fully open; a pleasing variety. |
| LITTLE DORRIT | Foremost pink and white sort, of large expanded form. |
| LOTTIE ECKFORD. | Lightly suffused with heliotrope, with distinctly-tinted margins. |
| MARS. | A deep, pure crimson; a gorgeous flower. |
| METEOR. | Brilliant orange-rose tinted, very richly colored. |
| MRS. ECKFORD. | Improved hooded form of the popular primrose; an approach to yellow. |
| MRS. JOSEPH CHAMBERLAIN. | Striped and flaked with deep, clear rose on white ground; unexcelled. |
| PRIMA DONNA. | Soft, clear pink of elegant hooded form. |
| ROYAL ROSE. | Rich rose-pink, gradating from a pale to a deep tint, with barred effect. |
| SENATOR. | Chocolate-purple stripes on white ground, large and finely formed. |
| STANLEY. | Deep maroon, of large explanate form. |

Then there is the out-and-out Sweet Pea specialist who must have the cream of all Sweet Pea variations so far produced.

Our **OUT-AND-OUTER COLLECTION (D)**

is his Gold Field. There is for him a marvelous outcome and out-put of pleasure in the **Thirty Varieties** enumerated below for **65 cents**.

No one need go beyond this assortment, unless he desires to grow each one of the hundred and twenty-five known varieties, which few can spare the ground or time to do.

A complete list of all known varieties will be found in our **SWEET PEA REVIEW**, price **25 cents**.



Thirty distinct varieties, a large package of each, for 65 cents.

ALL LARGE FLOWERED, as enumerated on following page.

Embracing the most worthy sorts now under cultivation, excepting the 1898 novelties, which find at end of this Sweet Pea chapter.

(For list of varieties see next page).

CALIFORNIA SWEET PEAS (Continued).

D "Out-and-Outer Collection."

Thirty distinct varieties, a large package of each, for 65 cents.

- | | |
|------------------------------------|--|
| AMERICA. | Red and white variegated. Very pronounced. |
| BLANCHE BURPEE. | Pure white. An ideal type. |
| BLANCHE FERRY, EXTRA EARLY. | Pink and white. Earliest of all Sweet Peas. |
| CAPT. CLARKE. | White, carmine-pink, and purple. One of the few tri-color varieties. |
| CAPTIVATION. | Magenta-tinted. The only variety of that color. |
| CAPT. OF THE BLUES. | Nearest approach to a true blue. |
| CELESTIAL. | Bluish-mauve. Very refined. |
| CROWN JEWEL. | Violet-rose and pink, delicately blended with cream. |
| CUPID. | Dwarf. Pure white. Six inches high. |
| DUCHESS OF YORK. | Pale pink and creamy white. Variegated, large. |
| EMILY ECKFORD. | Reddish-mauve. Of fine form. |
| EMILY HENDERSON. | Best white for cut flowers. Extra long stemmed. |
| GRAY FRIAR. | Speckled chocolate-mauve, on white ground. |
| HER MAJESTY. | Par excellence among rose-pink selfs. |
| KATHERINE TRACY. | Pure pink, with explanate standards. |
| LADY BEACONSFIELD. | Pale salmon-rose standards. Wings, rich primrose. |
| LADY PENZANCE. | Most delicate and elegant rose-orange. |
| LEMON QUEEN. | Buds tinged with yellow, pale creamy pink when open, fading to white. |
| LITTLE DORRIT. | Pink and white. Large, finely explanate. |
| LOTTIE ECKFORD. | Porcelain effect of blue and heliotrope on white ground. Prettily edged. |
| MARS. | Crimson, as intense as found in any flower. |
| METEOR. | Bright orange-salmon, tinged with rose. |
| MRS. ECKFORD. | An approach to softest yellow. |
| MRS. JOSEPH CHAMBERLAIN. | Rose stripes and flakes on white ground. Form perfect. |
| PRIMA DONNA. | Best pink self extant. |
| PRINCESS MAY. | A pure mauve that holds its color. |
| ROYAL ROSE. | Rich gradations of rose. |
| SENATOR. | Dark variegated chocolate-purple on white ground. |
| STANLEY. | Deep maroon, with glossy standards. Very dark. |
| VENUS. | Mingling of pink, salmon, and rose-buff. Extremely rich in effect. |

MIXED. SUNSET SELECTED MIXTURE (containing some 75 separately grown varieties, and also unnamed sorts.) Price of mixture, by the ounce, **10 cents**; otherwise, **5 cents per large packet**. **\$1.00 per pound.**

The Beautiful Countess of Aberdeen

Of Eckford's 1896 Set, we now offer **COUNTESS OF ABERDEEN** for the first time, stock of this variety hitherto offered by other seedsmen being untrue to name, making this the first opportunity given the public to secure the true kind. This variety is a very pale pink, edged with delicate rose; of good size and form; an attractive departure in its markings.

Price, 10 cents per packet; 3 packets for 25 cents; 6 packets for 40 cents.



SUNSET SWEET PEA ACHIEVEMENTS.

RED RIDING-HOOD Of Special Interest to the Children

Through its wide introduction last season, RED RIDING-HOOD has become well and favorably known. Its unique form and pleasing color attract universal attention. Its name has been pronounced most appropriate, and, like the child's story to which applied, this striking flower, too, has become the children's favorite; in fact, so much so, that it might well be called "The Children's Sweet Pea."

Your Red Riding-hood is a **REMARKABLE** new departure, entirely distinct.

W. ATLEE BURPEE, Philadelphia, Pa.

To give all our young friends an opportunity to become acquainted with this floral

pet, we offer a **FREE TRIAL PACKET** to each child who will send us a list of ten names of garden owners who sow seeds. The full names and addresses should be given, so that we may send them our handsome Catalogue of All Garden Supplies. All those children who avail themselves of our RED RIDING-HOOD Offer, we would be pleased to hear from as to their experience in growing this favorite flower, the best of which letters we may publish next season, so that other children may learn of the pleasures to be derived from growing a row of Sunset Sweet Peas.

I have made four exhibits this summer, and at each have given your novelty, Red Riding-hood, a prominent place. IT NOT ONLY HAS THE MERIT OF BEING UNIQUE. BUT IT HAS THE LONG STEMS, THRIFTY HABIT, AND ABUNDANT FLORESCENCE OF THE FINEST SWEET PEAS. May it lead to other introductions that shall signalize your work on the most popular of all flowers.

(Rev.) W. T. HUTCHINS, Springfield, Mass.

Following is a description of RED RIDING-HOOD: Most striking departure in form of flower. When fully developed, the standards and wings are a pleasing rose-pink, shading to bluish white

The charm does not vanish

New York, July 24, 1897.

RED RIDING-HOOD.—*This variety grows upon one. Like some other good things, one must acquire a taste for it. It has been universally admired in my garden this year, and is an exponent of the highest type of the art of selection. It is a matter of patience in many cases to select a color or shade, but to select up a freak of nature is GENIUS, PURE AND SIMPLE. It is extremely fragrant, and has the typical stem—long and slender, but strong. The wings are the deepest rose, while the abortive standard is a transparent cream, fused like rose. It should have a place in every collection.*—THE FLORISTS' EXCHANGE.

at the calyx; the keel, which is almost completely enveloped, is nearly pure white. The standard is so formed that it resembles a quaint little red hood, inclosing the more delicately tinted wings, which peep out like a diminutive face from under its red hood. Its fragrance is unusually sweet. It is a very robust grower, and therefore easy to take care of. In plenitude and continuity of bloom it excels other varieties.

Price, 10 cents per packet; 25 cents per ounce; 75 cents for 4 ounces.

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ANOTHER SUNSET SWEET PEA ACHIEVEMENT Golden Gleam

NOW OFFERED FOR SALE FOR THE FIRST TIME.

In introducing this superb novelty last year, we accorded it foremost rank in its color-class. All then said in its praise has been amply verified the past season by people who have grown it. GOLDEN GLEAM received **FIRST PRIZE** at the Hampden County (Massachusetts) Horticultural Society's meeting in August last, and was placed **foremost** in their official selection of the Twelve Best Varieties out of the long list of fine Sweet Peas now before the public.

We repeat last season's description: Ideal grandiflora type, unsurpassed in grace, of pronounced primrose tint, a near approach to true yell w.

Price, 10 cents per packet; 25 cents per ounce; 75 cents for 4 ounces.

California-Grown Sweet Peas, Sunset Selected Strain 1898 Novelties

Representing the result of many years' work, and worthy of trial by all lovers of the Sweet Pea brought to its grandest perfection.

Price, 15 cents per packet; set of 9 for \$1.00.

CALIFORNIA. Delicate pink self, softest tinted in its class; not a large flower, but finely formed. Will not be offered until next season, because of scarcity of stock.

COLUMBIA. Tri-color variegated, odd and attractive in its markings. Standards crimson rose, striped on white ground; wings pale bluish-mauve, striped on white ground. Will not be offered until next season, because of scarcity of stock.

CORONET. Rich bright orange, striped on white ground. Like AURORA, except that standards are explanate.

COUNTESS OF POWIS. An improvement over METEOR. Standards bright orange-rose, deeper veined; wings bright clear rose, barred. Suffers under a hot sun.

EMILY LYNCH. Standards rich creamy rose, graduating in intensity; primrose-tinted wings, overlaid with delicate pinkish venation. Richer than ROYAL ROSE.

LADY NINA BALFOUR. A finely finished flower of remarkably delicate texture. On first opening, a rich heliotrope-pink self; as it ages it becomes a pinkish-mauve self, and at last it assumes a clear mauve self. Will not be offered until next season, because of scarcity of stock.

PRINCE EDWARD OF YORK. Choice improved PRINCESS VICTORIA. Of bold, free habit. Standards cherry rose; wings deep rose.

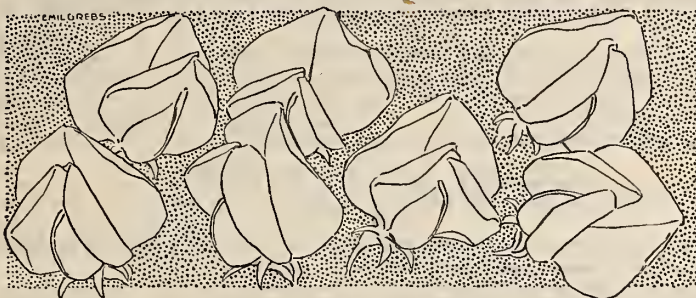
QUEEN VICTORIA. A very delicate straw yellow, showing a faint trace of pinkish purple in standards. Of fine substance; large and finely formed. Best of the 1898 introductions. Ours is true selected stock. This variety grew untrue.

SALOPIAN. Similar to MARS, but an improvement in that the wings have the same rich tint as standards. Of large size and elegant form.

SHAHZADA. Deepest colored of all varieties. Of improved grandiflora type. Standards a deep purplish maroon without luster, veined in deep strong relief; wings velvety deep indigo-purple.

STRIPED CELESTIAL. A delicate mauve-striped selection from CELESTIAL and of equally fine form and size.

TRIUMPH. Variation from LITTLE DORRIT, larger and more highly colored in the wings. Standards boldly explanate, large and nearly circular. Color a bright pink, lightly suffused with scarlet-orange; wings spreading, shaded pale rose-purple.



Dwarf Pink-and-White Sweet Pea

Coloring same as the popular **BLANCHE FERRY**

Nearly everybody has become acquainted with the white dwarf Sweet Pea "Cupid" the past season. While opinions may differ as to the merits of dwarf Sweet Peas, there will doubtless continue to be considerable demand for the novelty because of its unique habit. Other colors have been discovered the past year, and we ourselves are now growing, for introduction at a later date, a yellow dwarf variety of same habit as "Cupid."

We are enabled to offer this season for the first time, an exceedingly attractive pink-and-white variation of the true dwarf habit; standards rose-pink; wings white, shading to light pink. Flowers are large and are borne in threes and fours on stems about six inches in length, of excellent substance, vigorous and hardy. It is a black seeded variety, of strong germination. This floral acquisition will doubtlessly become popular and useful as a bedding or border plant. We offer this pink-and-white dwarf at the following price:

In regular-size packets (each containing twenty-four seeds).

Price per pkt., 15 cents; 2 pkts. for 25 cents; or 10 pkts. for \$1.00.

DIRECTIONS FOR CULTURE IN ENGLISH, FRENCH, AND GERMAN PRINTED UPON EACH PACKET.

DON'T FAIL TO OBSERVE A FEW SIMPLE SWEET PEA SUGGESTIONS

DON'T expect Sweet Peas to thrive in soil too poor for any other culture, or in a sunless location. They need, as nearly as possible, a free clay loam, moderately rich and freely cultivated.

DON'T sow too shallow. Plant the seeds not less than two inches deep, and, as the plants become established, bank the soil against them, repeating this two or three times throughout the season.

DON'T over-feed. With a view to obtaining vigorous growth and profusion of bloom, bone, in some form, is the best fertilizer. Nitrate of soda will do for a "hurry up" stimulant, should such be needed; but use it sparingly.

DON'T gather the blooms **grudgingly**. The more you cut, the longer the vine will continue to flower.

DON'T fail to make a good selection before you sow.

DON'T try to raise seed and have fine flowers at the same time. They **don't** go together.

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Sweet Pea Review—Third Edition

Copyright Sunset Seed and Plant Co., S. F.

THE ONLY EXISTING CRITICAL AUTHORITY ON ALL VARIETIES OF SWEET PEAS.

IMPORTANT NOTICE

SWEET PEA REVIEW contains about sixty pages, and includes not only new and beautiful art studies of Sweet Peas in all stages of crop growth, but also embodies some new and original features of great interest to amateurs, florists and seedsmen of all countries. One hundred and twenty-five varieties described in detail, and carefully classed under color-heads. Handsome cover, with artistic design. An attractive gift-book for friends.

Contents of Sweet Pea Review

Chapters

Definition of terms and phrases.
Index (by color heads).
Index (by varieties).
Summary of all Sweet Peas introduced to date (1898).
International Horticultural Exposition, Hamburg, Germany, 1897.
Sweet Pea Review in detail.
Sunset Novelty Supplement.
For introduction in 1899-1900.
The Evolution of Red Riding-Hood.
'49er—Sunset Sulphur-yellow Sweet Pea Novelty.
Simple Sweet Pea Suggestions.
What They Say.

Illustrations

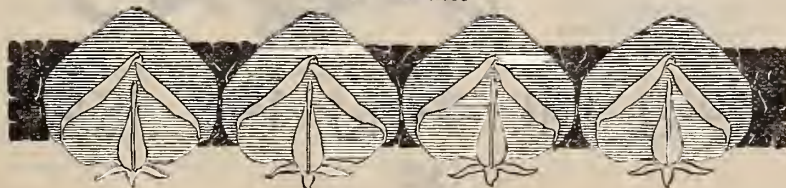
Evolution of Red Riding-hood.
Sunset Crop Stages.
Sunset Co.'s Sweet Pea growing exhibit at Hamburg.
Field of Sweet Peas.
1897 field of Cupid, and study of White varieties.
The Summer Seclusion of a Sweet Pea Specialist, Palo Alto, Cal.
1896 Field of Cupid.
The Days of Gold.
Sweet Pea Types, Composite Studies.
The Sunset Surpriser.

Retail Price, twenty-five cents each, postpaid.

Wholesale trade price: sample copies, twenty cents each, postpaid; \$15 per hundred copies, f. o. b. San Francisco. **NO FREE LIST.**

SUNSET SEED AND PLANT CO.

San Francisco



"The days of old,
"The days of gold,
"The days of '49."

(For particulars see **SUNSET SWEET PEA REVIEW**, Price 25 cents.)

The Vegetable Garden



Peas that Please the People



HEROINE. A second early variety; bears a profusion of large pointed pods, many of which contain eight or nine large peas, of the finest quality, and of a rich, marrow-like flavor. This variety is sure to make a name for itself wherever planted. 2½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 20 cents.

LIGHTNING. A great acquisition; combining the hardness and earliness of the round-seeded sorts with the delicious sweetness of the wrinkled sorts. 3 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 30 cents.

MICHAELMAS. Absolutely distinct; of dwarf, bushy habit, and very prolific; the color of the peas in the pod, and when cooked, is the deepest green, and the pods are large and well filled. This variety possesses a reserve strength, which enables it to resist the drought and mildew to a degree hitherto unknown in a pea, and to preserve the sweetest flavor for table after all other varieties have become hard and dry. 3 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 20 cents.

OMEGA. A splendid cropper; pods well filled, and the peas are soft and juicy when the shells are full to bursting; one of the best. 2½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 35 cents.

SENSATION. A wrinkled Marrow of exceptional excellence, surpassing any variety in cultivation for size, flavor, and extraordinary yielding powers. Owing to its vigorous habit, half the quantity of seed usually sown will suffice. 3 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 40 cents.

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PEAS (Continued).

ADMIRAL. Remarkably vigorous, wonderfully productive, of exquisite flavor and beautiful color, this second early Pea is equally desirable for the home garden, for market crop, or canners' use. The vines are literally covered from top to bottom with plump pods of good size, filled with peas of rare quality. 3½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 20 cents.

ANTICIPATION. A second early, of remarkably robust habit; bears immense, straight pods, well filled with peas of superb flavor. 2½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 60 cents.

DAISY. A perfectly distinct and remarkably prolific dwarf-wrinkled Marrow Pea; pods four to five inches in length, containing eight to ten deep-colored peas, of the most exquisite flavor. 1½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 20 cents.

DR. McLEAN. A splendid second early, of vigorous habit; very productive; large, handsome, well-filled pods of excellent flavor. 3 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 25 cents.

DUKE OF ALBANY. Very productive; bearing a profusion of extra large well-filled pods, borne in pairs; pods are dark green in color, broad and handsome in shape, and contain from nine to ten fine peas in each, of excellent quality and flavor. Being of vigorous branching habit, it should be sown thinly. It ripens medium early, and furnishes all its pods well together, making it particularly well adapted for market use. 4 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 30 cents.

DUKE OF YORK. It is impossible to speak too highly of this splendid new wrinkled Pea. It has been well described as an earlier and dwarfer form of the "Duke of Albany," possessing all the good qualities of that standard variety, but maturing two or three weeks earlier, and producing an equally large crop on a plant growing only 3 ft. high. It is of robust growth, very large, long, and full-podded, and of finest flavor. Pkt., 10 cents; 1-lb. pkg., including postage, 30 cents.

EVOLUTION. Of vigorous growth and branching habit; bears an abundant crop of magnificent large pods, each containing eight to twelve large peas of a very rich and sugary flavor. This variety can be depended on to give large pickings of peas after all others are done. 3½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 30 cents.

SHROPSHIRE HERO. A grand, second, early wrinkled Pea, producing large pods, which are uniformly well filled with large, fine-colored peas of exquisite quality. 2½ ft. Pkt., 10 cents; 1-lb. pkg., including postage, 25 cents.

STANLEY. This remarkable Pea is a cross between American Wonder and Telephone, and inherits the sweet, delicate flavor of those fine varieties. It is conspicuous for its uncommonly large foliage, its stocky vine, its enormous yield of large pods, which mature so evenly that nearly all can be gathered at one picking. 1 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 30 cents.

MOERHEIM'S GIANT SUGAR. This is the best of all the edible-podded Peas, producing in wonderful profusion pods six or seven inches in length, and entirely free from membranous lining or strings, and combining flavor and brittleness to a remarkable extent. They should not be shelled, but peas and pods eaten together, cooked in much the same manner as string beans. 5 ft. Pkt., 10 cents; 1-lb. pkg., including postage, 40 cents.

OTHER WELL-KNOWN PEAS

Offered at the uniform price of 5 cents per pkt.; 10 cents per lb. (if ordered by mail, add 8 cents per lb. for postage); \$8.00 per 100 lbs.

Advancer.	Horsford's Market.	Sugar Dwarf.
American Wonder.	Little Gem.	Telephone.
Champion of England.	Premium Gem.	White Marrowfat.
Exonian.	Pride of the Market.	Wm. Hurst.
First and Best.	Stratagem.	Yorkshire Hero.

NEW BOOK

CALIFORNIA VEGETABLES in Garden and Field. A manual of practice, with and without irrigation, for semi-tropical countries. By EDWARD J. WICKSON, A. M. 336 pages. Price, \$2.00, postpaid.

Beans that People Buy

DWARF, 'SNAP OR BUSH BEANS

Under this head are classed all the low-growing sorts, variously called Bush, Snap, String, Wax, or French Beans.

We offer all Beans at the uniform price of 5 cents per pkt., 10 cents per lb. (if by mail, add 8 cents per lb. for postage), \$8.00 per 100 lbs.

ROGERS' LIMA WAX. Possesses the three essential points of productiveness, tenderness of pod, and delicious flavor, and has proved an acquisition of great merit.



YOSEMITE MAMMOTH WAX. The monster pods of this variety average ten to fourteen inches in length, are nearly all solid pulp, and absolutely stringless, cooking tender and delicious. The plant is a vigorous grower, covering the ground with its heavy foliage.

DAVIS' WHITE WAX. A new white, rustless, productive, wax-podded sort, with large, handsome, straight pods, often seven to eight inches in length, containing pure white kidney-shaped Beans, which, when fit for use, are quite stringless. The Davis Wax will produce a third more to the acre than any other Wax Bean.

36

BEANS (Continued).

- CANADIAN WONDER.** Handsome flat pods of great length, and very tender. For String Beans it has become a great favorite, while for fresh shelled Beans, cooked like Limas, hardly any variety can approach it in rich flavor and handsome appearance.
- DWARF HORTICULTURAL.** A dwarf form of the well-known Horticultural Pole Bean.
- BEST OF ALL.** Excellent early variety, with round, tender, succulent pods of large size.
- BLACK WAX.** A well-known standard sort, still very popular.
- EXTRA EARLY REFUGE.** The earliest of all the green-podded varieties. Immense yielder, and sure to produce a good crop. Is an excellent shipper, and fast becoming one of the most popular varieties grown.

Other Well-known Varieties of Dwarf Beans

GREEN-PODDED SORTS.

- China Red Eye.
- Emperor William.
- Low's Champion.
- Mohawk.
- Valentine.

WAX-PODDED SORTS.

- Challenge Black Wax.
- Improved Golden Wax.
- Refugee Wax.
- Valentine Wax.
- Wardwell's Kidney Wax.

Offered at the uniform price of 5 cents per pkt., 10 cents per lb. (if by mail, add 8 cents per lb. for postage), \$8.00 per 100 lbs.

POLE, OR RUNNING BEANS

We offer all Beans at the uniform price of 5 cents per pkt., 10 cents per lb. (if by mail, add 8 cents per lb. for postage), \$8.00 per 100 lbs.

- EARLY GOLDEN CLUSTER WAX.** The finest of all the wax-podded Pole Beans; bears profusely its golden-yellow pods in clusters of three to six from bottom to top of pole; the pods retain their tenderness long after the Beans have attained a large size.
- CHAMPION SCARLET RUNNER.** A gigantic variety, having pods nearly double the size of the old sort; much more robust in growth, and is an extraordinary heavy yielder.
- KING OF THE GARDEN LIMA.** A luxurious grower, and furnishes a bountiful supply of enormous pods, frequently containing five or six beans, unexcelled for superb table qualities.
- GOLDEN ANDALUSIA WAX.** Has created a decided sensation wherever grown; not alone for the wonderful productiveness, but for its numerous other good points. The pods are five to six inches long, broad, thick, very fleshy, and entirely stringless, and retain these important qualities until almost ripe. They commence bearing in great abundance when the vines are quite young, and continue to bear profusely the entire season.
- CUT SHORT, or CORN HILL.** Very popular for planting among corn, and will give a good crop without the use of poles. Vines medium with dark-colored, smooth leaves; pods short, cylindrical and tender.

WE CARRY IN STOCK the following well-known good varieties, and offer at prices named at the beginning of Pole Beans.

- Dutch Case Knife.
- Horticultural or Cranberry.
- Kentucky Wonder.
- Large Lima.

- Lazy Wife.
- Southern Prolific.
- White Dutch Runners.
- White Creasback or Fat Horse.

NEW BOOK

CALIFORNIA VEGETABLES in Garden and Field. A manual of practice, with and without irrigation, for semi-tropical countries. By EDWARD J. WICKSON, A. M. 336 pages. Price, \$2.00, postpaid.

The Three Best Bush Lima Beans

The price of either variety is 5 cents per pkt., 10 cents per lb. (if ordered by mail, add 8 cents per lb. for postage), \$8.00 per 100 lbs.

- BURPEE'S BUSH LIMA.** This we consider the best of all the Dwarf Bush Lima Beans; the pod and bean is in all respects identical with the Pole Lima. It also has the good qualities of that Bean.
- DREER'S IMPROVED BUSH LIMA.** This variety is very desirable owing to its dwarf habit and earliness. In pod and bean it resembles the well-known Dreer's Improved Pole Lima, having all the good qualities of that valued sort.
- HENDERSON'S BUSH LIMA.** This is the most prolific of the Bush Lima varieties. It is, however, a much smaller bean, resembling the Sieva or Carolina Lima Bean.

SWEET CORN. Our Seed Corn is all Eastern grown, and will be found of the highest grade of quality and germinating power.

We offer all Sweet Corn at the uniform price of 5 cents per pkt., 10 cents per lb. (if by mail, add 8 cents per lb. for postage), \$6.00 per 100 lbs.

- | | | |
|---------------------|-------------------|----------------------|
| Adam's Extra Early. | Extra Early Cory. | Potter's Excelsior. |
| Black Mexican. | Hickox Improved. | Shaker's Early. |
| Crosby's Early. | Mammoth Early. | Squantum. |
| Early Minnesota. | Perry's Hybrid. | Stowell's Evergreen. |

FIELD CORN. In small lots the price is 8 cents per lb. (if by mail add 8 cents per lb. for postage), \$5.00 per 100 lbs.

We find the best varieties for the Pacific Coast farmers are **Champion White Pearl, Kanas King, Leaming, and Mastodon.**

ARTICHOKE. FRENCH GREEN GLOBE. Not cultivated to any great extent in the States, although the large flower buds are a desirable delicacy and greatly esteemed by epicures. Pkt., 5 cents; oz., 20 cents; lb., \$2.00. Strong 2-year-old roots of this variety, \$2.50 per doz.

JERUSALEM, or TUBEROUS-ROOTED ARTICHOKE. Grown exclusively for their large potato-like roots, which are valuable for feeding hogs, the yield often exceeding two tons per acre. They need not be dug, but the hogs can be turned into the field to root them up; one acre will keep twenty head in good condition until spring. 10 cents per lb. (if by mail, add 10 cents for postage), \$6.00 per 100 lbs.

ASPARAGUS. If ordered by mail, add 8 cents per lb. for postage. One oz. will sow fifty feet drill, and produce 600 plants. A useful book, giving in detail the best methods of Asparagus Culture, will be mailed for 50 cents.

BOULON ISLAND. A popular variety, in great demand by canners. Enormously productive, of great size and excellent flavor. Pkt., 5 cents; oz., 15 cents; lb., \$1.00.

COLUMBIAN MAMMOTH WHITE. The largest, handsomest, and best-flavored variety in existence, producing pure white shoots, that remain so as long as they are fit for use. Pkt., 5 cents; oz., 15 cents; lb., \$1.00.

CONOVER'S COLOSSAL. A widely cultivated variety, with large, tender stalks of good flavor. Pkt., 5 cents; oz., 10 cents; lb., 40 cents.

PALMETTO. A very early, large-growing variety, of a bright green color; productive and of exquisite quality. Pkt., 5 cents; oz., 10 cents; lb., 60 cents.

ASPARAGUS ROOTS. If ordered by mail, add 25 cents per 100 for one-year-old roots, and 50 cents per 100 for two-year-old roots.

	Per 50	Per 100	Per 1000
Columbian Mammoth White. Two-year-old.	\$1 00	\$1 50	\$12 50
Conover's Colossal	60	1 00	9 00
Palmetto	75	1 25	10 00

See our great offer of "MONEY FOR NOTHING" on page 2 of cover.

BEET. All Beets can be had in 5-cent pkts.; if ordered in quantity, add 8 cents per lb. for postage.



1. Eclipse. 2. Columbia. 3. Blood Turnip. 4. Long Smooth. 5. Bassano.

COLUMBIA. A valuable new variety, with smooth skin and deep blood-red flesh, of rich, tender quality; matures early, but does not become stringy when allowed to grow full size; has small foliage of a rich bronze color, and is the best for market or private use. Oz., 10 cents; lb., 50 cents.

ECLIPSE. An extra early sort, with dark red flesh, zoned with a lighter red; very sweet, crisp, and tender. Oz., 10 cents; lb., 40 cents.

EGYPTIAN. Unsurpassed for earliness and general excellence of quality and all other good points that go to make a perfect Beet. Oz., 10 cents; lb., 50 cents.

SWISS CHARO, or SPINACH BEET. Cultivated for its leaf stalks, which are served like Asparagus or Spinach. Oz., 10 cents; lb., 60 cents.

BASSANO BLOOD TURNIP. EOMANOS' EXTRA EARLY. LONG SMOOTH. Each Pkt., 5 cents; oz., 10 cents; lb., 40 cents.

MANGEL WURZEL and SUGAR BEETS. If ordered by mail, add 8 cents per lb. for postage.

MAMMOTH LONG REO MANGEL WURZEL. This variety grows to an immense size, and is the most desirable sort to grow for stock-feeding. Oz., 10 cents; 1-4 lb., 15 cents; lb., 30 cents; 5-lb. lots, \$1.20.

GOLEEN TANKARD. Flesh golden yellow, zoned with white; almost cylindrical, narrowing abruptly at both ends; exceedingly hardy, and matures earlier than other large sorts. Oz., 10 cents; 1-4 lb., 15 cents; lb., 35 cents; 5-lb. lots, \$1.50.

REO GLOBE. Useful in shallow ground; productive, and a good keeper. Oz., 10 cents; 1-4 lb., 15 cents; lb., 35 cents; 5-lb. lots, \$1.50.

FRENCH WHITE SUGAR REO-TOP. A careful selection by a grower in Europe; combining large yield with great nutrition; desirable for stock feed. Oz., 10 cents; 1-4 lb., 15 cents; lb., 40 cents; 5-lb. lots, \$1.60.

VILMORIN'S IMPROVED SUGAR. Of high sugar analysis, perfect in shape, size, and color; in great demand by sugar manufacturers. Oz., 10 cents; 1-4 lb., 15 cents; lb., 40 cents; 5-lb. lots, \$1.50.

WANZLEBEN. Conical, straight roots, quite large at the head and rapidly tapering; enormously productive, and contains from thirteen to fifteen per cent. of sugar. Oz., 10 cents; 1-4 lb., 15 cents; lb., 40 cents; 5-lb. lots, \$1.50.

CARROT. All Carrot seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).

CARROTS



CARENTAN, or CORELESS. A handsome, half-long, stump-rooted variety, of a deep orange color, with scarcely any core, and of excellent quality. Oz., 10 cents; lb., 75 cents.

CHANTENAY. Handsome roots, smoother and more uniform than Danvers; crisp and tender flesh. Oz., 10 cents; lb., 60 cents.

DANVERS HALF-LONG ORANGE. In form midway between the Long Orange and Short Horn; of a rich, dark orange color, and very smooth. Oz., 10 cents; lb., 50 cents.

EARLIEST FRENCH FORCING. Roots small, globe-shaped, delicious flavor; the very best early. Oz., 10 cents; lb., 75 cents.

EARLY SCARLET HORN. Deep red flesh; tender and delicate. Oz., 10 cents; lb., 60 cents.

GUERANDE, or OXHEART. A thick-growing variety, five or six inches long, and very blunt at the lower extremity; grows very rapidly, is tender and of good flavor, and a variety we can recommend for either market or family use. Oz., 10 cents; lb., 60 cents.

IMPROVED LONG ORANGE. The best main crop variety; of a deep orange-red color; a good keeper, and highly nutritious for stock. Oz., 10 cents; lb., 50 cents.

LARGE WHITE BELGIAN. The most desirable variety for stock-feeding; attains the largest size, and yields more per acre than any other sort. Oz., 10 cents; lb., 40 cents.

MAMMOTH WHITE VOSGES. Particularly adapted for soils that are not very deep; largely grown for stock. Oz., 10 cents; lb., 50 cents.

NEW BOOK

CALIFORNIA VEGETABLES in Garden and Field. A manual of practice, with and without irrigation, for semi-tropical countries. By EDWARD J. WICKSON, A. M. 336 pages. Price, \$2.00, postpaid

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CAULIFLOWER. All Cauliflower seeds can be had in 5-cent pkts., except where noted.

SNOWBALL (Grown from Henderson's Stock). This is the most popular variety in cultivation, and is largely grown everywhere, both for forcing and early crops outside. The plants are dwarf, and sure heading, and the heads, though not so large as in some other varieties, are of good size, pure white, and of fine delicate flavor. Pkt., 10 cents; oz., \$1.00.

EXTRA EARLY DWARF ERFURT (Imported Stock). Very dwarf, with solid, pure white heads of superior quality; best for forcing and the most desirable for general use. Pkt., 25 cents; oz., \$2.00.

VEITCH'S AUTUMN GIANT. An unusually fine, late sort, with beautiful white, large, firm heads, that remain tender and fit for use a long time. Oz., 40 cents; lb., \$4.00.

Other Standard Sorts.

EARLY LONDON. Oz., 40 cents; lb., \$3.50.

EARLY PARIS. Oz., 60 cents; lb., \$6.00.

LARGE ALGIERS. Oz., 50 cents; lb., \$5.00.

LENORMAND'S SHORT-STEMMED. Oz., 60 cents; lb., \$6.00.

CELERY. All Celery seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).



Giant Pascal Celery.

EARLY ARLINGTON. An improvement on the Boston Market, being earlier and of larger growth. Oz., 20 cents; lb., \$1.50.

GIANT PASCAL. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time. Oz., 30 cents; lb., \$2.50.

GOLDEN SELF-BLANCHING. A splendid variety; the heart is large, solid, and of a beautiful rich golden color; crisp, and of delicious flavor. Oz., 30 cents; lb., \$2.50.

IMPROVED GOLDEN DWARF. The best half dwarf; stalks large and full, the heart golden yellow, turning to a light color when blanched. Oz., 15 cents; lb., \$1.50.

KALAMAZOO. A large, ribbed, good half dwarf; favorite market sort. Oz., 20 cents; lb., \$2.00.

NEW ROSE. In common with all reds, this variety is of superior nutty flavor, rich and solid, and keeps remarkably well; the delicate rose-shading makes it very ornamental on the table. Oz., 25 cents; lb., \$2.50.

PERFECTION HEARTWELL. A large, solid variety, of excellent flavor and a creamy white color; the stalks are clear, with large golden yellow heart; considered by many the finest of all varieties. Oz., 30 cents; lb., \$2.50.

WHITE PLUME. A very popular variety on account of being so easily blanched; in large plants, the stalks, hearts, and inner leaves are naturally white; the table qualities compare favorably with other sorts. Oz., 20 cents; lb., \$2.00.

SOUP, or FLAVORING CELERY (Old Seed). Used for flavoring soups, stews, pepper sauce, etc. Oz., 5 cents; lb., 30 cents.

CELERIAC, LARGE SMOOTH PRAGUE. Grown exclusively for its roots; excellent for salads, for seasoning meats and flavoring soups. Oz., 25 cents; lb., \$2.50.

CABBAGES. All Cabbage seeds can be had in 5-cent pkts.; if ordered in quantity, add 8 cents per lb. for postage.



Holland Cabbage.

HOLLAND. This does not grow to a great size—averaging eight pounds—but is remarkably solid and of fine white color; it is remarkable on account of its keeping qualities; remaining in the field as long as desired without bursting or rotting; largely grown in this State for shipping to the Eastern markets. Oz., 30 cents; lb., \$2.50.

AUTUMN KING, or WORLD BEATER. One of the finest strains of late Cabbage ever offered; producing regular, even heads of enormous size. Oz., 25 cents; lb., \$2.50.

IMPROVED EARLY JERSEY WAKEFIELD. Recognized everywhere as the leading early Cabbage for market or home use; heads pyramidal in shape, of large size, hard and solid, and of excellent quality. Oz., 20 cents; lb., \$2.00.

SUREHEAD. So named on account of its certainty to head, even when other varieties fail; the heads are remarkably uniform, hard, firm, and fine in texture, and ordinarily weigh from ten to fifteen pounds each. Oz., 20 cents; lb., \$2.00.

MAMMOTH RED ROCK. The largest Red Cabbage known, the heads averaging over ten pounds each; of a deep red color, inside as well as outside, and solid as a rock. Oz., 20 cents; lb., \$2.00.

OTHER WELL-KNOWN VARIETIES OF CABBAGE. 5 cents per pkt.; 15 cents per oz.; \$1.50 per lb.

ALL SEASONS.

EARLY YORK.

DRUMHEAD SAVOY.

FOLTER'S BRUNSWICK.

LATE DRUMHEAD.

MARBLEHEAD MAMMOTH.

PREMIUM FLAT DUTCH.

SUCCESSION.

WINIGSTADT.

BRUSSELS SPROUTS. Matchless. Without doubt the finest variety grown; of vigorous growth, and producing handsome, solid, round sprouts of the best quality; being rich, tender, and of delicious flavor. Pkt., 5 cents; oz., 25 cents; lb., \$2.00.

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CUCUMBER. All Cucumber seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).

COOL AND CRISP. Extra early, and exceedingly prolific; until fully grown the skin is the darkest green, and another peculiar feature is the prominence of the knob upon which the spines are placed, making it very attractive for pickling, while it is also tender and crisp for slicing. Oz., 10 cents; lb., 50 cents.

EVERBEARING. Very early, and enormously productive; the peculiar merit of this variety is that the vines continue to flower and produce fruit, whether the ripe Cucumbers are picked off or not, thus becoming almost a perpetual bearer. Oz., 10 cents; lb., 60 cents.

GIANT PERA. Of the most delicious flavor, remaining crisp and tender at all stages of growth; notwithstanding they grow to an enormous size, frequently to eighteen inches in length, they are always smooth and straight, with a very beautiful green skin. Oz., 10 cents; lb., 75 cents.

GREEN PROLIFIC, or BOSTON PICKLING. Early and productive, of small size and good form, tender and crisp; the most popular sort for pickling. Oz., 10 cents; lb., 50 cents.

JAPANESE CLIMBING. Can be grown on poles or trellises, having the climbing habit more than other varieties; it bears abundantly throughout the season, while the climbing habit enables the hanging fruit to grow perfectly straight from twelve to sixteen inches in length; the Cucumbers are thick, tender, and of delicate flavor; flesh pure white; skin dark green, turning to brown when ripe. Oz., 10 cents; lb., 75 cents.

WE CARRY IN STOCK the following well-known varieties: Early Cluster, Extra Long Green, Gherkin (for pickles only), Improved White Spine, and Nichol's Medium Green. Either variety—Pkt., 5 cents; oz., 10 cents; lb., 50 cents.

CORN SALAD, LARGE SEEDED. The best variety for general use. Pkt., 5 cents; oz., 10 cents; lb., 75 cents.

CRESS, or PEPPER GRASS, EXTRA CURLED. Of beautiful appearance and fine flavor. Pkt., 5 cents; oz., 10 cents; lb., 50 cents.

TRUE WATER CRESS. Mild and tender. Pkt., 10 cents; oz., 50 cents; lb., \$5.00.

CHERVIL, or FRENCH PARSLEY. Used in soups and salads and for garnishing. Pkt., 5 cents; oz., 15 cents; lb., \$1.00.

DANDELION. Improved Large Leaved. The old "greens" of our grandmothers, now improved into large turfy plants, with wide, long leaves of superior quality; these make a very healthful, nutritious, and pleasant food, that can be used very early in the season. Pkt., 10 cents; oz., 25 cents; lb., \$2.00.

EGG PLANT. "THE PEARL." A new white-fruited variety; fully equal in size to the fruits have a pure white skin, and of the finest quality. Pkt., 10 cents; oz., 50 cents.

NEW YORK IMPROVED. Of large size; skin deep purple, smooth, and free from thorns; flesh white and of excellent quality. Pkt., 5 cents; oz., 35 cents; lb., \$3.50.

LONG PURPLE. Early, hardy, and productive. Oz., 25 cents; lb., \$2.50.

ENDIVE. GREEN CURLED. The hardiest variety; very ornamental, curled, dark green leaves, which blanch white and crisp. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

ENDIVE, WHITE CURLED. This is the most beautiful variety; the midrib is yellow, and the leaves are almost white. Pkt., 5 cents; oz., 10 cents; lb., \$1.25.

ENDIVE, BROAD-LEAVED BATAVIAN. Forms large heads of broad, thick leaves, used for flavoring soups and stews, while, if blanched, the inner leaves make a fine salad. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

KALE, or BORECOLE. DWARF CURLED SCOTCH or GERMAN GREENS. Compact grower, crisp green leaves, tender and delicate in flavor; makes excellent greens for winter and spring use. Pkt., 5 cents; oz., 10 cents; lb., 75 cents.

TALL GREEN CURLED SCOTCH. Similar to above, except in height, which is about 2½ ft. Oz., 10 cents; lb., 60 cents.

KOHL RABI. EARLY WHITE VIENNA. Very early, small, handsome bulb; best variety for table use. Pkt., 5 cents; oz., 20 cents; lb., \$1.75.

EARLY PURPLE VIENNA. Identical with the preceding, except in color, which is a bright purple, with the leaf stems tinged with purple. Pkt., 5 cents; oz., 25 cents; lb., \$2.00.

LETTUCE. All Lettuce seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).

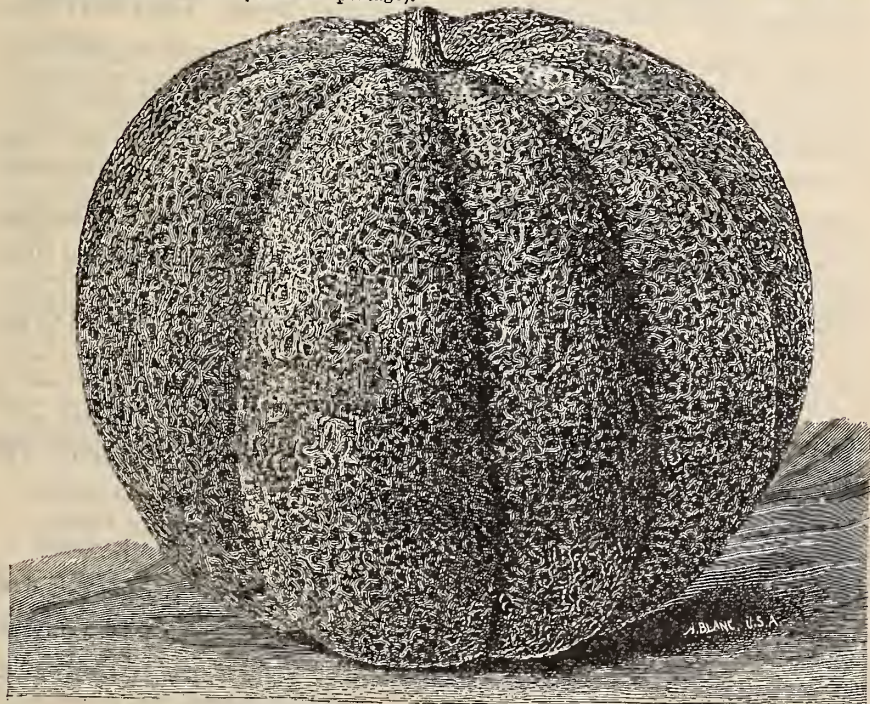


Asparagus Lettuce.

- tiful cream-yellow, and delicious, rich, and buttery flavor. Oz., 20 cents; lb., \$1.50.
- DENVER MARKET.** An early variety, suitable either for forcing or open ground, forming large, solid heads, of a light green color; leaves beautifully curled and crimped; very tender, crisp, and of excellent flavor. Oz., 15 cents; lb., \$1.00.
- GRAND RAPIDS FORCING.** An excellent shipping variety; matures quickly; is of large size and handsome appearance, crisp and tender, and will keep from wilting after cutting longer than any other sort. Oz., 15 cents; lb., \$1.00.
- IMPROVED HANSON.** Heads very large, green outside and nearly white within; deliciously sweet, crisp, and tender. Oz., 15 cents; lb., \$1.00.
- PARIS WHITE COS, or ROMAINE.** Forms long, upright heads of narrow leaves, which are crisp and refreshing; a favorite with the French people. Oz., 15 cents; lb., \$1.00.
- PRIZE HEAD.** An early variety, forming a dense cluster of beautifully bronzed leaves, remaining tender, crisp, and sweet for a very long time. Oz., 15 cents; lb., \$1.00.
- SALAMANDER.** Stands more heat, without running to seed, than any other sort. Oz., 15 cents; lb., 90 cents.
- SUNSET CABBAGE.** A distinct variety; highly recommended for shipping, being an excellent keeper after being cut; is tender, crisp, and sweet when many sorts have become tough and bitter. Oz., 15 cents; lb., \$1.00.
- TENNIS BALL, BLACK SEED.** Handsome heads; crisp and tender. Oz., 20 cents; lb., \$1.25.
- TENNIS BALL, or BOSTON, WHITE SEED.** Small-sized, early sort. Oz., 15 cents; lb., \$1.00.
- TRIANON SELF-FOLDING.** A distinct variety of the Cos type; said to be self-blauching; very crisp and tender, and of excellent flavor; when tied up the heart bleaches to snowy white, and becomes brittle and delicious as celery. Oz., 15 cents; lb., \$1.00.

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MUSK MELON. All Melon seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).



Champion Market Melon.

- CHAMPION MARKET.** A perfect globe in shape, but somewhat deeply ribbed and densely netted; thick flesh of a light green color and rich, sweet flavor; very productive, frequently bearing seven perfect melons on a single vine. Oz., 10 cents; lb., 60 cents.
- COLUMBUS.** Distinct in shape, color, and general markings; the flesh is light green, solid, and thick, even at the blossom end, leaving only a small seed cavity; it ripens with the Hackensack; is a heavy yielder and long keeper. The vines are strong and thrifty, and the melons, even if left on the vines a week after they are ripe and are ready to pick, still retain their good quality. Oz., 10 cents; lb., 60 cents.
- MELROSE.** One of the best for home or market use; oval in shape, handsome in appearance, with solid green flesh of a pale green color and good flavor. Oz., 10 cents; lb., 75 cents.
- CANNON BALL.** A grand melon, round as a ball, of medium size and heavily netted; flesh light green, melting, and deliciously flavored; very prolific, and continues in bearing a long time. Oz., 10 cents; lb., 60 cents.
- BANQUET.** Of good size, distinct and beautiful in appearance, and the best red-fleshed Melon we know of. Oz., 10 cents; lb., 60 cents.
- OSAGE, or MILLER'S CREAM.** An egg-shaped variety, growing to a medium size; skin thin, of a dark green color and well netted; flesh of a salmon-pink color, remarkably sweet and spicy in flavor, extremely thick, and delicious to the rind. Oz., 10 cents; lb., 60 cents.

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MUSK MELON (Continued).

The following varieties can also be supplied, but, in our opinion, those mentioned in the foregoing list supersede them:

Bay View.	Extra Early Hackensack.	Large Yellow Cantaloupe.
Delmonico.	Improved Christiana.	Skillman's Netted.
Emerald Gem.	Jenny Lind.	Surprise.

The above are, each pkt., 5 cents; oz., 10 cents; lb., 50 cents.

WATERMELON. All Melon seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).

CUBAN QUEEN. Skin beautifully striped dark and light green; flesh bright red, very solid, crisp, and sugary; grows to an enormous size and is very productive. Oz., 10 cents; lb., 50 cents.

DIXIE. We consider this the best Watermelon there is; the vines are vigorous, hardy, and prolific; the fruits large, oblong, striped; rind thin and tough; flesh bright scarlet; very sweet, tender, and juicy. Oz., 10 cents; lb., 50 cents.

KOLB'S GEM. Of uniform round shape, growing to a fair market size; rind hard and tough and lightly striped with light and dark green; flesh bright red and of average quality. Oz., 10 cents; lb., 40 cents.

PHINNEY'S EXTRA EARLY. Nothing surpasses this old favorite in the way of an early Melon; it is first to ripen; of good size, productive, oblong in shape, of a distinct, mottled color, and flesh of a deep red. Oz., 10 cents; lb., 50 cents.

GEORGIA RATTLESNAKE, or GYPSY. Flavor first-class; rind very thin; flesh bright red; one of the best for shipping. Oz., 10 cents; lb., 50 cents.

JORDAN'S GRAY MONARCH. Skin of a very light green color, attractively mottled; flesh of a deep red color and of fine quality.

WE CAN SUPPLY the following well-known standard sorts at the uniform price of—

Black Spanish.	Ice Cream.	Mountain Sweet.
Florida Favorite.	Kentucky Wonder.	Pride of Georgia.
Green and Gold.	Mammoth Ironclad.	

MUSHROOM SPAWN. Our spawn can be depended on, and being specially manufactured for us, is fresh and reliable.

Full instructions on the management of this crop will be found in **MUSHROOM CULTURE**, by W. Robinson, which will be sent by mail for 50 cents.

MUSHROOM SPAWN, ENGLISH. Per lb., by mail, 30 cents; 7 lbs., per express, not paid, \$1.00.

FRENCH. Per lb., by mail, 50 cents; 3-lb. box, per express, not paid, \$1.25.

MUSTARD. **GIANT SOUTHERN CURLED.** This variety is highly esteemed in the Southern States, where the seed is sown in the fall and the plants used very early in spring as a salad; the leaves are twice the size of the ordinary White Mustard, while the flavor is sweet and pungent. Pkt., 5 cents; oz., 10 cents; lb., 50 cents.

WHITE or YELLOW. Of very rapid growth and agreeable flavor. Oz., 5 cents; lb., 15 cents.

OKRA or GUMBO. The green pods of this plant impart a fine flavor and consistency to soups and stews, and the pods can be dried for use in winter. So delicious is the flavor that when once used it will be grown every year.

DWARF DENSITY. Very dwarf and very productive. Pkt., 5 cents; oz., 10 cents; lb., 50 cents.

WHITE VELVET. The pods are perfectly round, smooth, and of an attractive white velvet appearance; of superior flavor and tenderness. Pkt., 5 cents; oz., 10 cents; lb., 50 cents.

LEEK, AMERICAN LARGE FLAG. Of strong, vigorous growth; the best of all. Pkt., 5 cents; oz., 20 cents; lb., \$1.50.

LEEK, GIANT CARENTAN. A favorite European sort, of mild flavor. Pkt., 5 cents; oz., 20 cents; lb., \$1.50.

LEEK, LARGE ROUEN. Grows to large size; hardy, and of excellent quality. Pkt., 5 cents; oz., 20 cents; lb., \$1.50.

Good Onion Seed and Bad Onion Seed

For several seasons, for some reason or other, the demand for Onion seed has decreased, especially so in districts where the consumption was notably large. This left in the hands of jobbers and retailers an accumulating stock, which eventually, on account of doubtful vitality, was forced on the market at "any price to sell;" in fact, it is strongly in evidence that business was done very much on the principle that "any old thing" would do for Onion seed. It is pretty well known that all good Onion seed is produced in California; at the same time all Onion seed produced in California is not good.

We grow our own Onion seed, and know that it is faultless in purity and germination.

We cannot afford to conduct a gift enterprise and give away seeds to compete with Uncle Sam, but have decided to do the next best thing, and will dispose of our 1897 crop of Onion seed at cost of production, and place within reach of all interested in this crop, **guaranteed high-grade Onion seed** at prices it has never before been offered at, and probably never will be again.

LARGE RED WETHERSFIELD, 5-lbs., for \$2.00	} By express, prepaid to destination at these prices.
YELLOW FLAT DANVERS, 5-lbs., " 1.65	
YELLOW GLOBE DANVERS, 5-lbs., " 1.75	

ONIONS. All Onion seeds can be had in 5-cent pkts. (if ordered in quantity, add 8 cents per lb. for postage).

A valuable book for every one who raises Onions is "THE NEW ONION CULTURE," by B. I. Greiner, which will be sent free, by mail, for 50 cents.

BARLETTA. The earliest Onion in cultivation; very small, pure white in skin and flesh, and of mild and delicate flavor. Oz., 15 cents; lb., \$1.25.

EXTRA EARLY RED FLAT. Of medium size, deep red in color, solid and mild-flavored. Oz., 10 cents; lb., 60 cents.

GIANT ROCCA. Of immense size, and handsome, globular shape; skin a light reddish-brown; flesh mild and delicate. Oz., 10 cents; lb., \$1.00.

MAMMOTH SILVER KING. This is the largest of the white Italian Onions, single bulbs often attaining a weight of from two to three lbs. each; the skin and flesh are a beautiful silvery white, and the flavor is mild and pleasant. Oz., 15 cents; lb., \$1.25.

PRIZETAKER. Of immense size and uniform shape, and nearly a perfect globe; skin very thin and of a bright straw color; flesh pure white, fine grained, and delicate in flavor. Oz., 15 cents; lb., \$1.00.

RED WETHERSFIELD. Well-known sort; skin purplish red; flesh fine grained; an excellent keeper. Oz., 10 cents; lb., 50 cents.

WHITE PORTUGAL, or SILVER SKIN. An excellent Onion for family use; in shape rather flat, but in other particulars resembles the White Globe. Oz., 15 cents; lb., \$1.25.

YELLOW DANVERS. This is the flat-formed variety of this popular Onion, of good size and attractive appearance; ripens early, of mild flavor, and a splendid keeper. Oz., 10 cents; lb., 40 cents.

YELLOW GLOBE DANVERS. The most reliable Yellow Onion that can be grown; of splendid shape, good size, and enormously productive, in this respect far outclassing the flat variety. Oz., 10 cents; lb., 50 cents.

NEW BOOK

CALIFORNIA VEGETABLES in Garden and Field. A manual of practice, with and without irrigation, for semi-tropical countries. By EDWARD J. WICKSON, A. M. 336 pages. Price, \$2.00, postpaid.

ONION SETS, ETC. Prices are subject to market quotations as the season advances. Large quantities are supplied at prevailing market rates. Please write for quotations.



White Multiplier Onion Sets.

SHORT ROUND FRENCH. Handsome shape and splendid flavor; earlier than the longer forms, and especially adapted for shallow soils. Pkt., 5 cents; oz., 10 cents; lb., 70 cents.

PUMPKIN. All Pumpkin seeds can be had in 5-cent pkts., except the novelty, "MIRACLE PUMPKIN" (if ordered by mail, add 8 cents per lb. postage).

WHITE MULTIPLIER ONION SETS. Enormously productive, frequently producing as many as twenty bulbs in a cluster from a single bulb planted; an excellent Onion for bunching green, and, when allowed to ripen, their keeping qualities are remarkable, having been known to keep perfectly sound for one year. Per lb., including postage, 40 cents.

YELLOW SETS, TOP ONIONS, and POTATO ONIONS. Each, per lb., including postage, 35 cents.

PARSLEY. EXTRA DOUBLE CURLED. Very select strain of a handsome bright green color; compact and beautifully curled. Pkt., 5 cents; oz., 10 cents; lb., 90 cents.

PARSNIPS. IMPROVED GUERNSEY. The roots are smooth, medium long; flesh fine grained and of excellent quality; heavy cropper. Pkt., 5 cents; oz., 10 cents; lb., 60 cents.

MIRACLE PUMPKIN. A rather remarkable novelty from Europe; claimed to excel all others in productiveness and earliness. They weigh, on an average, thirty pounds each, and are of a dark green color, striped with a reddish-yellow. The flesh is orange-colored, thick, solid, and of delightful taste; perhaps the most remarkable feature of this novelty is that the seeds are practically skinless, being only covered with a film of imperceptible thickness. Pkt., 20 cents.

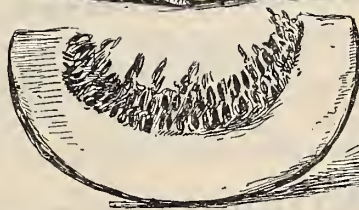


CONNECTICUT FIELD, or LARGE YELLOW. The common field variety so largely grown amongst Corn; excellent for stock feeding. Oz., 5 cents; lb., 30 cents.

JAPANESE PIE. The flesh is very thick, of a rich salmon color, and nearly solid, dry, and sweet; making pies as rich without eggs as other varieties do with them. Oz., 10 cents; lb., 50 cents.

LARGE CHEESE. Of good size and very prolific; rind and flesh orange-colored, fine grained, and excellent for cooking. Oz., 10 cents; lb., 40 cents.

MAMMOTH POTIRON. This is the true Mammoth Pumpkin; grows to an enormous size, some specimens having weighed over 200 lbs; salmon-colored skin; flesh bright yellow, fine grained, and of excellent quality. Oz., 15 cents; lb., \$1.00.



Miracle Pumpkin.

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PEPPER. All Pepper seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).

GOLDEN DAWN. Golden-yellow fruits; mild and sweet. Oz., 25 cents; lb., \$2.00.

BELL, or BULL-NOSE. Large, mild; glossy red. Oz., 20 cents; lb., \$1.75.

LONG RED CAYENNE. Bright red, strong, and pungent. Oz., 25 cents; lb., \$1.75.

PROCOPP'S GIANT. Thick-fleshed, scarlet Peppers of mammoth size. Oz., 30 cents; lb., \$3.00.

RUBY KING. The best mild Red Pepper; fruit large and handsome, of a bright ruby-red color, and so mild that it may be sliced and eaten as a salad. Oz., 25 cents; lb., \$2.50.

SWEET MOUNTAIN. Similar to Large Bell. Oz., 20 cents; lb., \$2.00.

RADISH. All Radish seeds can be had in 5-cent pkts., except the novelty Radish "FIRST CROP" (if ordered by mail, add 8 cents per lb. postage).



Radish, "First Crop."

SCARLET TURNIP. Rich color; very early, sweet, and crisp. Oz., 10 cents; lb., 50 cents.

WHITE STRASBURG. Of large size; flesh very white, crisp, and tender. Oz., 10 cents; lb., 50 cents.

RHUBARB. LINNÆUS. Early and tender. Pkt., 5 cents; oz., 20 cents; lb., \$2.00.

MAMMOTH MONARCH. Large, late variety. Pkt., 5 cents; oz., 25 cents; lb., \$2.50. Roots of either variety, \$1.50 per doz., by express, at purchaser's expense.

POTATO CULTURE. By E. S. Carman. Nothing old or worn-out about this book; it treats of new and profitable methods; in fact, of the new potato culture. By mail, postpaid, 75 cents.

SALSIFY, or VEGETABLE OYSTER. MAMMOTH SANDWICH ISLAND. A great improvement on the old variety. Pkt., 5 cents; oz., 10 cents; lb., \$1.00.

SORREL, FRENCH BROAD-LEAVED. Much valued because of its large leaves and pleasing acidity. Pkt., 5 cents; oz., 15 cents; lb., \$1.25.

SPINACH. All Spinach seeds can be had in 5-cent. pkts. (if ordered by mail, add 8 cents per lb. postage).

LONG STANDING. Has large, thick leaves of a dark green color; greatly appreciated because it goes to seed much later than any other variety. Oz., 10 cents; lb., 40 cents.

PRICKLY. A very hardy variety; strongly recommended. Oz., 10 cents; lb., 40 cents.

VIROFLAY. A large-leaved variety; grows largely in many localities. Oz., 10 cents; lb., 40 cents.

NEW ZEALAND. Withstands heat and drought, and produces leaves in great abundance throughout the summer in the hottest climates, where ordinary Spinach will not do well; should be transplanted three feet apart each way, into light, rich soil. Oz., 10 cents; lb., \$1.00.

SQUASH. All Squash seeds can be had in 5-cent. pkts. (if ordered by mail, add 8 cents per lb. postage).

MAMMOTH CHILI. This is the leviathan of the Squash family; the form is round, flattened at both stem and blossom end; skin a rich orange color; flesh thick, of good quality, and very nutritious; being excellent keepers, they are profitable for stock feeding. Oz., 10 cents; lb., \$1.00.

BOSTON MARROW. Has a thin, bright orange skin; rich salmon yellow flesh, fine grained, sweet, and dry; is a splendid table squash. Oz., 10 cents; lb., 40 cents.

CANADA CROOKNECK. Very robust, and suffers less from insects than many other sorts; excellent for pies. Oz., 10 cents; lb., 50 cents.

EARLY WHITE SCALLOP BUSH. Very early, productive, sweet, and good. Oz., 10 cents; lb., 40 cents.

HUBBARD. Flesh fine grained, dry, and sweet; the best keeper. Oz., 10 cents; lb., 50 cents.

MAMMOTH WHITE BUSH SCALLOP. Earlier than the common variety, and at least double the size; is a continuous bearer from early in the season until late in the fall; a splendid variety for market. Oz., 10 cents; lb., 60 cents.

SUMMER CROOKNECK. A good summer sort; golden skin; warty; of especially fine and delicate flavor. Oz., 10 cents; lb., 40 cents.

CALIFORNIA FIELD MARROW SQUASH. We have some tons of this excellent and nutritious food for stock, which we offer at the low price of 15 cents per lb.



See our great offer of "MONEY FOR NOTHING" on page 2 of cover.

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TOMATOES. All Tomato seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. postage).

"HONOR BRIGHT." The chief peculiarities of this new variety are its solidity, changes of color the fruit undergoes during development, long-keeping qualities after being picked, and its light green foliage; the color of the fruit when fully ripe is a rich, bright red, but before reaching this stage it undergoes several changes; its table qualities are excellent, the flesh, when fully ripe, being tender and melting. Oz., 50 cents.

ACME. The standard bright pink early Tomato. Oz., 20 cents; lb., \$1.75.

ATLANTIC PRIZE. One of the earliest; valuable, where this is the main object. Oz., 20 cents; lb., \$2.00.

BEAUTY. A large, solid, smooth, purplish-pink variety. Oz., 20 cents; lb., \$1.75.

DWARF CHAMPION. Resembles the Acme in form and color; of dwarf, compact, and upright growth; early and productive. Oz., 25 cents; lb., \$2.50.

GOLDEN QUEEN. The perfection of Yellow Tomatoes; in size, smoothness, solidity, and productiveness equals any of the red varieties; in color, a beautiful yellow, and none better suited for preserving. Oz., 25 cents; lb., \$2.50.

FAVORITE. Bright red, smooth, and of good size. Oz., 20 cents; lb., \$1.75.



IGNOTUM. Beautiful form and pleasing deep red color. Oz., 20 cents; lb., \$2.00.

LONG-KEEPER. Very early and productive; free from rot, and remarkable for its long-keeping qualities. Oz., 25 cents; lb., \$2.50.

PERFECTION. Handsome blood-red color; very solid. Oz., 20 cents; lb., \$1.75.

STONE. Very large, and of a bright scarlet color; exceedingly solid and firm-fleshed; not liable to rot; one of the best shippers there is. Oz., 20 cents; lb., \$2.00.

STRAWBERRY, or GROUND CHERRY. Known also as "Husk Tomato." Unequaled for canning or preserving, and dried in sugar for use in fruit cake, as raisins or figs, they are unexcelled. Besides being attractive and useful, they are quite a curiosity. Oz., 25 cents; lb., \$3.00.

TROPHY. Large and solid; unsurpassed in flavor and productiveness; standard variety. Oz., 20 cents; lb., \$1.75.

YELLOW PLUM. Handsome; skin and flesh deep yellow; used for pickling and preserving. Oz., 30 cents.

NEW BOOK

CALIFORNIA VEGETABLES in Garden and Field. A manual of practice, with and without irrigation, for semi-tropical countries. By EDWARD J. WICKSON, A. M. 336 pages. Price, \$2.00, postpaid.

TURNIP. All Turnip seeds can be had in 5-cent pkts. (if ordered by mail, add 8 cents per lb. for postage).



Cardinal Turnip.

CARDINAL. Introduced last season, and gave great satisfaction wherever planted. One of the best to grow on hot, dry land, not running to seed like other early kinds, and remaining sweet and solid for a long season; of small size; color of skin rich crimson; flesh pure white, crisp, tender, fine grained, and exceedingly solid. Oz., 15 cents; lb., \$1.00.

EXTRA EARLY PURPLE-TOP MILAN. The earliest and handsomest flat Turnip in cultivation; of medium size and flat shape, with bright purple top, pure white flesh of excellent flavor, never bitter, small top, and a good keeper. Oz., 15 cents; lb., \$1.00.

EXTRA EARLY PURPLE-TOP MUNICH. This handsome Turnip is entirely distinct from any other variety, growing entirely above ground; pure white, with a bright purplish-red top and few leaves; flesh fine and of good flavor when young. Oz., 10 cents; lb., 75 cents.

GOLDEN BALL, or ORANGE JELLY. Very handsome, rich, pale-yellow flesh; unsurpassed for excellent table qualities. Oz., 10 cents; lb., 50 cents.

RED-TOP STRAP LEAF. A popular variety of excellent flavor and rapid growth. Oz., 10 cents; lb., 50 cents.

RED TOP WHITE GLOBE. Of rapid growth, maturing large-sized, globular-shaped Turnips in a remarkably short time; flesh pure white, and, owing to its rapid maturing qualities, is always of a pleasant and agreeable flavor; it is a good keeper, excellent for winter use, and its attractive and handsome shape makes it a ready selling variety. Oz., 10 cents; lb., 75 cents.

WHITE EGG. Skin and flesh of snowy whiteness, sweet, firm, and fine grained; excellent either for early or late sowing. Oz., 10 cents; lb., 50 cents.

WHITE FLAT DUTCH. The most profitable white flat garden Turnip in cultivation, and is held in high esteem by all growers; it grows to a medium size very quickly, has clear white skin, is always juicy and sweet for table use; bulbs entirely free from small roots; one of the very best, if not the best, variety for spring sowing. Oz., 10 cents; lb., 50 cents.

YELLOW ABERDEEN. Good keeper; usually grown for stock feeding. Oz., 10 cents; lb., 40 cents.

YELLOW STONE. The best yellow-fleshed variety for table use; delicious quality. Oz., 10 cents; lb., 60 cents.

RUTA-BAGA. IMPROVED AMERICAN. The standard variety; solid flesh of superior quality; good for table or stock. Oz., 10 cents; lb., 50 cents.

LAING'S IMPROVED. Handsome variety, of excellent quality. Oz., 10 cents; lb., 50 cents.

SKIRVING'S PURPLE-TOP. A first-rate variety, and keeps well. Oz., 10 cents; lb., 50 cents.

HYBRIDIZED POTATO SEED

We offer a very fine strain of Potato seed, the product of numerous hybridizations between many of the best new and old varieties in cultivation. Many promising seedlings will result from this, which, besides being interesting in the extreme, is not infrequently very profitable. Every farmer's boy ought to try one or more packets of this seed, and his father ought to give him the ground and time to attend same properly. Full directions for planting, cultivation, etc., on each packet. Pkt., 15 cents.

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Selected Grass and Clover Seeds FOR LAWNS AND PERMANENT PASTURES

Freight Charges, Express Charges, and Postal Charges to be paid by Purchaser

An interesting book for the Farmer to have is "GRASSES AND FORAGE PLANTS," by Chas. L. Flint. This work is well illustrated, and is a suitable guide for those practicing advanced methods in farming. price, by mail, post-paid, \$2.00.

In the following list there is briefly described the best Grasses for general use. We never handle low grade or second quality Grass and Clover Seeds, those we offer being all carefully selected, of the best grades, and specially re-cleaned to meet the demands of our critical trade. Prices given are those prevailing at this date (January, 1898,) but, being subject to frequent market fluctuations throughout the season, purchasers of large quantities should WRITE FOR SPECIAL QUOTATIONS AND SAMPLES BEFORE PURCHASING ELSEWHERE.

To Make a Handsome Lawn

The ground must be well dug, raked, and leveled, and every semblance of a weed-root removed. After the seed is sown, which should be done on a calm, dry day, rake the seed in and roll well, or, in the absence of a roller, pat the ground well with the back of a spade or shovel. Another plan is to use a good wide board and walk on it until the soil is uniformly firm. Much of the fine appearance of a lawn depends upon regularity in mowing, as, if left too long before this is done, or if when well established it is not closely mown, the stronger grasses will overgrow the weaker, thus destroying smoothness of surface and rendering the whole patchy and unsightly. For forming new lawns not less than 60 lbs. of seed are required per acre, and, for the renovation of old ones, half that quantity will give good results.

MENLO PARK LAWN GRASS. We devote great care to the preparation of this article, and by careful tests have proved its superiority over all other mixtures. It is composed of the very choicest selected fancy cleaned Grasses, entirely free from seeds of weeds, and we can with confidence recommend it to those who wish their lawns to present an evergreen, carpet-like appearance. Price, per lb., 30 cents. For the convenience of those who require only a small quantity of seed, Menlo Park Lawn Grass is put up in boxes containing sufficient for 300 square feet. We forward these boxes, free by mail, at 25 cents each.

BERMUDA GRASS (*Cynodon dactylon*). A valuable grass in hot countries and for fixing loose or sandy soils. It spreads rapidly, and is easily propagated by dividing and planting in small clumps. The seed will not germinate in cold weather, hence April, May, and September are the best months to sow, using at the rate of 10 lbs. per acre. Imported seed. Lb., \$1.25.

CRESTED DOG'S-TAIL (*Cynosurus cristatus*). An excellent grass for hard, dry soils; of exceeding value also for pastures and lawns. When it is used alone, 25 lbs. are required per acre. Lb., 40 cents.

FESCUE MEADOW (*Festuca pratensis*). An excellent pasture grass, its long, slender leaves being much relished by cattle; succeeds best as a mixture with other grasses; if sown alone, 40 lbs. to the acre are required. Lb., 25 cents.

FESCUE, SHEEP (*Festuca ovina*). Grows freely in high, dry, and open pastures, and should enter into the composition of all mixtures for sheep pastures, as they are very fond of this grass. If sown alone, 35 lbs. are required for an acre. Lb., 25 cents.

HUNGARIAN GRASS (*Panicum Germanicum*). A valuable annual soiling and forage plant, that grows well in almost any soil. Sow at the rate of 70 lbs. per acre. Lb., 10 cents.

HUNGARIAN BROME, or Awnless Brome Grass (*Bromus inermis*). It closely resembles Schröder's Brome Grass, but is more leafy, and makes a finer growth, providing splendid pasturage or hay. It is the ideal grass for hot, dry regions and poor soils. 35 lbs. is required for one acre. Per lb., 30 cents.

JOHNSON GRASS (*Sorghum Halepense*). Known also as Arabian Evergreen Millet, and is one of the most valuable rapid-growing fodder plants known; on rich soil it can be cut three or four times a season; the hay is rich, juicy, and tender, and relished by stock. Sow at the rate of 30 lbs. per acre. Lb., 15 cents.

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KENTUCKY BLUE GRASS, FANCY CLEAN (*Poa pratensis*). This is the best pasture grass for our climate and soil, and produces the most nourishing food for cattle; although it yields herbage early, it requires several years to become well established as a pasture grass. It is also a most valuable grass for the lawn, for which purpose use at the rate of 60 lbs. per acre, but for pastured 30 lbs. per acre will be sufficient. **Lb., 25 cents.**

ORCHARD GRASS (*Dactylis glomerata*). The most valuable and widely known of all pasture grasses, coming earlier in the spring and remaining longer than any other; it is well adapted for sowing under trees, and valuable either for grazing or for hay. 40 lbs. are required for one acre. **Lb., 20 cents.**

OAT GRASS, TALL MEADOW (*Avena elatior*). Recommended for mixtures for permanent pastures in dry, gravelly soils; produces an abundant supply of foliage, and is valuable on account of its early and luxuriant growth. 50 lbs. will sow an acre. **Lb., 30 cents.**

RED TOP (*Agrostis vulgaris*). A valuable permanent grass for meadows or lawns, growing in almost any soil, moist or dry, and standing heat well. 45 lbs. to the acre. **Lb., 10 cents.**

RED TOP, ABSOLUTELY CLEAN. Cannot be surpassed in quality. **Lb., 20 cents.**

RYE GRASS, PERENNIAL (*Lolium Perenne*). A valuable grass, entering largely into the composition of many of the richest pastures; one of the most nutritious of the permanent grasses. 60 lbs. for one acre, if sown alone. **Lb., 15 cents.**

RYE GRASS, ITALIAN (*Lolium Italicum*). Similar to the preceding, but of more rapid growth, which is its chief merit. 50 lbs. will sow one acre. **Lb., 15 cents.**

SWEET VERNAL (*Anthoxanthum odoratum*). We offer only the true perennial variety of this valuable grass; useful for mixing with other grasses for lawns and meadows, on account of the early growth, and fragrance which the leaves emit when cut for hay. When sown alone, 25 lbs. per acre are required. **Lb., 60 cents.**

TIMOTHY (*Phleum pratense*). Well known and extensively grown; very productive, and thrives on almost any soil; on a moist clay will produce a larger crop than any other grass. From 25 to 40 lbs. are used per acre. **Lb., 10 cents.**

WOOD MEADOW GRASS (*Poa nemoralis*). A very productive and nutritious grass; thrives well in moist, shady situations or under trees. 30 lbs. are required for one acre. **Lb., 40 cents.**

Clovers

If ordered by mail, add 10 cents per lb. for postage.

ALFALFA, CHOICE UTAH.....	\$ 15	RED CLOVER	\$ 15
ALSIKE	25	RED CLOVER, MAMMOTH PEA VINE	20
CRIMSON CLOVER	15	WHITE CLOVER.....	30

JAPAN CLOVER (*Lespedeza striata*). This is a valuable Clover for grazing purposes, and, in rich ground, makes most excellent hay; for milk cows peculiarly desirable, making a large flow of milk. **Lb., 25 cents.**

SAINFOIN, or ESPERETTE. Grown very extensively in Europe on land where it is impossible to secure a stand of other grasses. It is a perennial, usually sown in spring; equals any Clover in nutrition and flesh-forming qualities, and no crop is easier cured; thrives best on dry, chalky, or sandy soil. **Lb., 20 cents.**

GRASS MIXTURE FOR PERMANENT PASTURE

This mixture is the result of extensive experiment and due consideration of the climatic conditions existing in large areas of the Pacific Coast, and is calculated to meet the average need where a permanent pasture field is desired. Of necessity, some of the quick-growing, but short-lived, grasses are used in this mixture, but so carefully has it been compounded, that, as they disappear, their place is taken by other varieties of slower and continuous growth, furnishing an abundant and nutritious permanent food for stock. We consider 40 lbs. of this mixture sufficient for an acre. Price, 20 cents per lb.

WHERE CLOVER IS DESIRED, we recommend sowing 10 lbs. mixed Clover per acre, which, on account of its heavier weight, should always be sown separately. We supply a suitable mixture, comprising White, Mammoth Red, Alsike, etc., at 20 cents per lb.

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Forage Plants

AND

Miscellaneous Agricultural Seeds

If ordered by mail, add 10 cents per lb. for postage.

AUSTRALIAN SALT BUSH. Adapted for all kinds of soil, but especially so for alkali land, on which it makes an astonishing growth, producing from 20 to 30 tons of green, nutritious food per acre. Especially adapted to all regions where there is a deficiency of rainfall. The plants have a prostrate habit, covering the ground with a green cushion six inches thick, each plant being about six feet in diameter. 1 lb. will plant an acre. Mix the seed with ten times its bulk of loam, sand, or land plaster, and sow broadcast, after which roll or cover lightly with a brush harrow. Sow after the ground has become warm and all danger of frost is past. **Pkt., 10 cents; oz., 20 cents; lb., \$2.00.**

	Per lb.	100 lbs.		Per lb.	100 lbs.
BROOM CORN, IMPROVED EVER-GREEN	\$ 10	\$ 8 00	SORGHUM, EARLY ORANGE.....	\$ 10	\$ 5 00
BUCKWHEAT, JAPANESE	10	8 00	SORGHUM, HALEPENSE. Known also as Arabian Evergreen Millet and Johnson Grass. Remarkable for its adaptability to all kinds of soil and climate; especially desirable where there is little rainfall, as it will thrive for months without moisture.....	15	10 00
BUCKWHEAT, SILVER HULL	10	7 00	SUNFLOWER, RUSSIAN MAMMOTH.....	15	12 00
EGYPTIAN CORN, BROWN	10	5 00	TOBACCO, CONNECTICUT SEED-LEAF. Oz., 20 cents.		
EGYPTIAN CORN, WHITE.....	10	5 00	TOBACCO, IMPORTED HAVANA. Oz., 30 cents.		
KAFFIR CORN. A non-saccharine sorghum, stalks and blades of which make excellent fodder; in all stages of growth, available for green feed	15	8 00	VETCHES, or TARES	15	9 00
MILLET, WHITE FRENCH	20	16 00			
MILLET, GERMAN or GOLDEN ...	10	6 00			
MILLET, PEARL or EGYPTIAN ..	25	20 00			
SORGHUM, EARLY AMBER	10	6 00			

REANA LUXURIANS, or TEOSINTE. A valuable fodder plant from South America, resembling in growth Indian Corn. **Oz., 10 cents; lb., \$1.50.**

FLAT PEA, or LATHYRUS SYLVESTRIS. A valuable addition to the fodder plants introduced in recent years, the dried fodder being equal to grain in nutritive value; will thrive on soil too poor to support any other valuable plant; when once established will last indefinitely, and yield enormous crops of hay annually. **Oz., 20 cents; lb., \$2.00.**

DWARF ESSEX RAPE. Valuable as a fattening food for pasturing sheep; its fattening properties are said to be twice as good as Clover. Sow 12 lbs. per acre broadcast, or 5 lbs. per acre in drills 15 inches apart. By mail, **lb., 25 cents;** by express or freight, **lb., 15 cents; 25 lbs. for \$3.00.**

SAND, WINTER, or HAIRY VETCHES (*Vicia villosa*). A very hardy forage plant, growing well on soils so poor and sandy that they will produce but little clover. The plants, when mature, are about 3 feet high, and if cut for forage as soon as full grown and before setting seed, they will start up again and furnish even a larger crop than the first. **Lb., 25 cents.**

JERUSALEM CORN. One of the best and surest crops for dry districts; grows about 3 feet high; makes one large head on main stalk, and several smaller heads on side shoots; grains pure white and nearly flat. A correspondent in Kansas says: "I raised a fair crop of Jerusalem Corn on unirrigated land the past season, which was the driest season in the past fifteen years at this point, the record showing 10 inches less rainfall this year than the average of the past fifteen years. I had 90 acres in forage crops, and Jerusalem Corn was the only kind that did any good." **Lb., 15 cents.**

COW PEAS. A highly valuable fodder and fertilizing crop; poor, sandy land may be greatly improved by plowing under a crop of Cow Peas. If wanted to plow under for manure, sow with a grain drill in drills a foot apart; if grown for fodder or seed, plant 3 1/2 feet apart, and cultivate thoroughly. Should not be sown until the soil is thoroughly warm; 80 lbs. will sow 1 acre. **Lb., 10 cents; 100 lbs., \$7.00.**

Bird Seeds, Poultry Food, etc.

If ordered by Mail, 10 cents per lb. must be added for postage.

	Per lb.	3 lbs. for		Per lb.	3 lbs. for
BIRD SEED, OUR CELEBRATED MIXTURE. Without doubt the cleanest and best mixture in the market, and the safest to use for pet birds.....	\$ 10	\$ 25	MILLET, WHITE FRENCH	\$ 20	\$ 50
CANARY. Best Sicily; re-cleaned..	10	25	RAPE. Sweet German.....	10	25
HEMP	10	25	SUNFLOWER. For Parrots	15	40
MAW (Blue Poppy)	20	50	CUTTLE-FISH BONE	20	
MILLET, COMMON	10	25	MORRIS POULTRY CURE. A sure preventive and positive cure for all diseases of Poultry. 2-lb. box, \$1.00.....	50	

Wright's "PRACTICAL POULTRY KEEPER" is a useful book to have. By mail, prepaid, \$2.00.

Fertilizers and Flower Food

If you are specially interested in Manures; you should read "HOW CROPS GROW," by Prof. Samuel W. Johnson, and "HOW CROPS FEED," by the same author. Either book, mailed free, \$2.00.

We supply only high-grade, reliable fertilizers, goods that we know to be as represented, and, quality considered, prices are unusually low.

	100 lbs.	Ton.
GROUND BONE	\$2 50	\$35 00
LAWN FERTILIZER. This is a clean, dry, and fine fertilizer, and can be sown either by hand or machine. It is free from all strong odor, and, being a complete fertilizer, is fit for all kinds of grasses. Never use stable manure on a lawn, or it will cost you more to weed it than it does to fertilize it. For a new lawn, use from 800 to 1500 lbs. per acre; harrow in before sowing the seed. To renovate an old lawn, half that quantity will do; or, for small lawns, use from 3 to 5 lbs. per 100 square feet. 10-lb. bags, 50 cents; 100-lb. bags, \$2.75		40 00
ROSE FERTILIZER. Especially suited for Roses, Shrubby, and the flower garden. Roses fed on this fertilizer will be strong, healthy, and vigorous, and will be better enabled to withstand disease and attacks of all kinds of mildew, fungi, insects, etc. It is just the food to brighten up the leaves and make perfect buds and roses. Scatter over the surface of the ground, after irrigation, at the rate of 5 lbs. for 100 square feet, and work in the soil as soon as possible thereafter. Per 10-lb. bags, 50 cents; 100-lb. bags, \$3.00.		
BOWKER'S FLOWER FOOD. This is not a stimulant, but a perfect food for plants in a concentrated form. It produces healthy foliage, abundant, rich, and bright-colored blossoms, and prolongs the period of blossoming. Full directions for using are in each package. Packages containing enough for 30 plants for three months, 25 cents, by mail, postpaid; and for 30 plants, a whole year, 50 cents, by mail, postpaid.		

Sheep Manure

This is a pure, natural manure, and the most nutritious food for plants. Its effect is immediate; much more lasting and healthy than guano or any other manure. It is the best of manures for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden, or placed directly in drills or hills, it promotes a rapid, steady growth until maturity; all culinary vegetables reach their highest quality only when growth is rapid and unchecked. It makes the richest, safest and quickest liquid manure, rivaling guano, without any deleterious effects. For use in liquid form, one pound to five gallons of water will make a dark liquid, which can be used with safety daily if necessary. As a lawn top dressing it is unequalled. 2-lb. package, 20 cents; 5-lb. package, 40 cents; 10-lb. package, 60 cents; 50-lb. bag, \$2.50.

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INSECTICIDES

"INJURIOUS INSECTS OF THE FARM AND GARDEN" is one of the best books on the subject. We mail it, postpaid, for \$2.00.

DALMATIAN INSECT POWDER. This is a very reliable insecticide; absolutely pure; being a non-poisonous, impalpable powder, it is only effectual when applied by a bellows or any method that will form a dust-cloud—thus suffocating the insects by filling up the breathing pores. Per lb., 40 cents; by mail, 55 cents.

FIR TREE OIL. The best insecticide for indoor use on all plants; is also a valuable remedy for animal parasites and insects. Per pint, \$1.00.

FIR TREE OIL SOAP. A most useful article to have about the house. By its use you can keep your plants free from all insects, your dogs free from fleas, your poultry free from lice, and keep the skin of your horse healthy, and make him shine. One ounce makes one gallon. ½-lb. tins, 25 cents each; by mail, 35 cents.

GISHURST'S COMPOUND. A certain remedy for greenfly, scale, mealy bug, etc. Per box, 50 cents.



GRAPE DUST (Hammond's). A non-poisonous powder for the remedy of mildew and rot on Grapes, Gooseberries, Roses, etc. Cannot be sent by mail. Per 5-lb. pkge., 50 cents.

HELEBORE POWDER. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green, and safer to use when fruits or vegetables are nearly ripe. Per lb., 20 cents; if by mail, 15 cents extra.

TOBACCO DUST. If dusted on while the foliage is moist it destroys plant lice, cabbage and turnip fleas, etc. Spread upon the ground, it acts as a fertilizer, and keeps off all earth insect life. Per 1-lb. pkge., 10 cents; if by mail, 15 cents extra; 5-lb. pkge., 30 cents; 100 lbs., \$3.50.

KILL 'M RIGHT (Non-poisonous). Will not harm the tenderest plant, and will kill any kind of insect known to gardeners, florists, and fruit-growers. 2-lb. cans, 50 cents; if by mail, 35 cents; 10-lb. cans, \$ 2.25.

SLUG SHOT. A cheap, popular, and effective insecticide, easily applied, and not injurious or dangerous to animals. Cannot be sent by mail. 5-lb. pkge., 50 cents.

TOBACCO STEMS. Indispensable for the fumigation of greenhouses, etc., and for the destruction of black aphid, greenfly, and other insects. Per bale of about 250 lbs., \$5.00; less quantities, 5 cents per lb.

WHALE OIL SOAP. Excellent wash for trees and plants, to prevent insects from lodging in the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Per 1-lb. tin, 20 cents; if by mail, 35 cents; in bulk, in quantities of 10 lbs. and over, 10 cents per lb.

MEDICOL NEST EGGS

These are medicated eggs, but entirely different from anything that has hitherto been offered. They can be cleaned without injury; are lasting, effective, and appreciated by chickens and adult fowls. No hen should be set without one of these in the nest as a preventive of vermin. One placed in a bird cage keeps it sweet and the bird free from insects. They drive away lice from pot plants, prevent moths from attacking furs or other clothes when packed away, and are also valuable as a disinfectant. 10 cents each; \$1.00 per dozen. If ordered by mail, add 35 cents per dozen for postage.

Miscellaneous Horticultural Requisites.



Powder Bellows.

- BELLOWS, POWDER.** Large size \$1 00
 BELLOWS, POWDER. Small size 75
BELLOWS, SPRAYING. For fluids 2 00
FORKS. Ladies' short-handled, each \$ 50
GARDEN LINES. Braided, 100 ft. 75
GARDEN PENCILS. Indelible black, each 10
GRAFTING WAX. 1/4-lb. pkg., 15 cents;
 1/2-lb. pkg., 25 cents; 1-lb. pkg., 40
 cents. (Postage on Grafting Wax,
 15 cents per lb. extra.)
GRASS HOOKS. Extra quality, each,
 50 cents.
HOSE, RUBBER (prices include couplings):—
STANDARD. 3/4-in., 3-ply, per 50 feet \$4 50
BAY STATE. 3/4-in., 3-ply, per 50 feet 6 00
BULL DOG. 3/4-in., 7-ply, per 50 feet 8 50
 (When ordered in 25-foot lengths, a charge of 30 cents is
 made for couplings.)
HOSE MENDERS. 50 cents per dozen; each... .. \$ 05
HOSE NOZZLE, THE BOSTON. Best of all, a little wonder 50



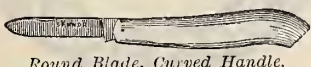
Grass Hook.



Ladies' Fork.

- KNIVES, BUDDING.** Ivory handles (postage free):—
 Straight blade, long handle \$1 25
 Straight blade, short handle 1 00
 Round blade, curved handle 1 00

Budding Knives.

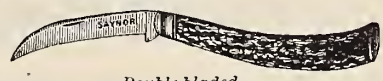


Round Blade, Curved Handle.



Straight Blade, Long Handle.

Pruning Knives.



Double-bladed.



Large Size.

- KNIVES, PRUNING.** Stag handles (postage free):
 Medium size, 85 cents; large size, \$1.00;
 double-bladed, \$1.25.

- LABELS, WOODEN.**
 Per 1000, Plain. Painted
 Pot or Garden, 4-in. \$ 80 \$1 00
 Pot or Garden, 5-in. 1 00 1 40
 Pot or Garden, 6-in. 1 25 1 50
 Per 100.
 Pot or Garden, 8 in. \$ 40 \$ 50
 Pot or Garden, 12-in. 50 70
 Per 1000.
 Tree or plant, copper wired, 3 1/2-in. \$1 50
 Tree or Plant, notched, 6-in. 1 75

- PLANT STAKES.** Round, tapering, painted green.
 2 ft \$ 30 \$2 00
 3 ft 75 6 00
 4 ft 1 00 7 00
 5 ft 1 25 9 00
 6 ft 1 50 10 00
UNPAINTED. Made from Redwood,
 5 ft. long, 1 in. square, per doz.,
 50 cents; per 100 3 00

MOSS. For florists' use. Lb., 10 cents; 100 lbs., \$7.00.

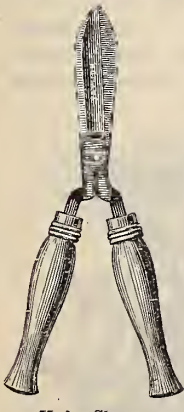
LAWN MOWER, CALIFORNIA CLIPPER. Embraces the following points of merit: simplicity, durability, and utility, and for lightness of draft excels by a large per centage any other make. Prices: 10-inch cut, \$5.00; 12-inch cut, \$5.50; 14-inch cut, \$6.00.



- PLANT SPRINKLERS, RUBBER, STRAIGHT NECK.** (Postage, 10 cents each, extra.) Small size, 65 cents; large size, 90 cents.
PLANT SPRINKLERS, ANGLE NECK. (Postage, 10 cents extra.) Large size, \$1.00.
MOLE TRAP, THE REDDICK. An improved trap, possessing the good qualities of all the old ones; easily set, and in every respect a perfect trap. \$1.00 each.

RAFFIA. For tying plants; superior to twine. (Postage, 15 cents per lb. extra.) Per lb., 20 cents; 10 lbs. for \$1.80.

- SHEARS, PRUNING.** Solid steel. (Postage, 10 cents each, extra.) 8-in., 90 cents; 9-in., \$1.00.
SHEARS, HEDGE. 8-in. blade, \$1.50; 9-in., \$1.75; 10-in., \$2.00 (with notch to cut 1/2-in. branches, 25 cents extra.)
SHEARS, GRASS. For trimming small plots, or where mower fails to reach. (Postage, 15 cents extra.) 75 cents each.



Hedge Shears.



Grass Shears.

- SYRINGES, SOLID BRASS.** No. H, 18 in. long, 1 spray rose \$2 25
 No. 3, 18 in. long, 1 stream and 2 spray roses 5 50
 No. 4, 18 in. long, 1 stream and 2 spray roses 6 00
 No. 5, 18 in. long, 1 stream and 2 spray roses 6 00
 No. 10, 18 in. long, 1 coarse, 1 fine spray, and 1 stream rose, with patent valves 5 00
 No. 11, same as No. 10, without valves 4 50
TROWELS. Solid shank, cast steel; very strong 50
WATERING POTS. French model; galvanized iron. 6 qt., \$1.50; 8 qt. 2 00
WEEDERS, EXCELSIOR 15
WEEDERS, LANG'S. One of the best of this class 25

"Planet Jr." Labor-Saving Garden Tools

These are the most perfect garden tools made, and have long been the most popular. They are known the world over, and beyond question are the most complete in equipment and most practical and labor-saving that have yet been invented. Our special "Planet Jr." Catalogue, fully illustrating and describing the various machines, will be mailed free on application.

"PLANET JR." DOUBLE-WHEEL HOE, CULTIVATOR, RAKE AND PLOW. Indispensable to gardeners and farmers who grow roots for stock or vegetables for market. By the use of this machine five times the usual acreage of hoed crops can be planted without fear of being caught in their cultivation. The "Planet Jr." Double-wheel Hoe will straddle plants 18 inches high, and finish rows from 6 to 18 inches apart at one passage. Price, complete, \$8.00.

FIREFLY SINGLE-WHEEL HOE. This favorite tool is similar in construction to the "Planet Jr." single-wheel hoe, and the attachments made for the one can be used on the other. It will hoe one or both sides of the row, either away from the plants or towards them. All the attachments are of steel, hardened in oil, tempered and polished. Price, \$4.00.

NEW BOOK

CALIFORNIA VEGETABLES in Garden and Field. A manual of practice, with and without irrigation, for semi-tropical countries. Price, \$2.00, postpaid.
 By EDWARD J. WICKSON, A. M. 336 pages.

Beautiful Bulbs for Summer Bloom

GLADIOLI

One each of the following twenty choice varieties of Gladioli mailed free for \$1.50.



Gladioli.

	Each.
AFRICAIN. Slaty brown on scarlet ground, streaked with scharlet and pure white, white blotch.....	\$ 15
AJAX. Beautifully striped.....	10
BAYARD TAYLOR. Yellow, crimson throat; one of the most effective.....	25
BRENCHLEYENSIS. Bright vermilion scarlet..	05
CAMELEON. Slaty lilac; white stripe in each petal.....	10
EMMA THURSBY. White ground, carmine stripes through petals, blotch on the lower divisions.....	10
FATMA. Very large ivory white, suffused with salmon.....	10
GEN. SHERMAN. Large, fine scarlet.....	10
HESPERIDE. White ground, blotched with rosy salmon.....	10
ISAAC BUCHANAN. Yellow.....	10
LA CANDEUR. White.....	20
MARIE DUMORTIER. White, violet blotch.....	10
MARTHA WASHINGTON. Light yellow, of large size, in a well-arranged spike, lower petals tinged with rose.....	10
MME. MONNERET. Delicate rose pink.....	10
MAY. White ground, slightly striped crimson; extra for florists' use.....	10
NAPOLEON III. Scarlet, striped white.....	10
OCTOROON. Very fine salmon pink.....	10
REINE BLANCHE. Pure white ground, dark carmine blotch.....	15
SHAKESPEARE. White suffused carmine rose, large rosy blotch.....	25
SNOW WHITE.	25

GIANT FLOWERING GLADIOLI

A class of hybrids between *Gladiolus Gandevensis* and *Gladiolus Saundersoni*, which for varied and exquisite beauty has never been equaled. The flowers are of gigantic size, frequently eight inches across, borne on spikes four to five feet high, the upper two feet being covered with flowers. In color and markings they afford the widest range of any cultivated flower. Every color and shade known among Gladioli is represented, and some which have never been seen before, particularly blues, purple-blacks, and whites, mottled with crimson, pink-yellow and white, making each flower surpassingly beautiful. Mixed varieties. Per doz., 40 cents; per 100, \$2.00.

60

LILIES

No class of hardy bulbs is more desirable than this, the cultivation presenting no obstacles, even in the simplest garden. The ground should be carefully dug and abundantly supplied with well-rotted cow manure, planting the bulbs six inches deep, after which they require very little care or attention, except to occasionally stir the soil and keep free from weeds. To secure best results, the bulbs should be planted in the fall.

	Each.
AURATUM (<i>Golden-Banded Lily</i>). The grandest of all hardy Lilies; flowers white, spotted with maroon, having a bright yellow band through the center of each petal; strong flowering bulbs.....	\$ 20
BROWNII. Creamy white, shaded with chocolate crimson; rare and beautiful.....	60
EXCELSUM. Lovely cream-colored flowers, tinged with apricot.....	40
HUMBOLDTH. This is the largest of California Lilies, and very showy; flowers golden yellow, spotted purple.....	30
KRAMERI. Deep rosy pink; very fragrant.....	30
MARITIMUM. Deep blood-red, spotted with purple.....	25
PARDALINUM. A California variety, of great beauty; scarlet, shaded yellow, spotted purple.....	25
SPECIOSUM ALBUM. Pure white flowers, with a greenish band through the center of each petal; very fragrant.....	25
SPECIOSUM RUBRUM. White-shaded, and spotted with rose or crimson.....	20
TIGRIMUM SPLENDENS. Rich scarlet, with black spots.....	10
WASHINGTONIANUM. Handsome California variety; very fragrant flowers, changing from pure white to various shades of purple or lilac; distinct and fine.....	30

CALADIUM ESCULENTUM (*Elephant's Ears*). A very effective plant; suitable alike for the borders of ponds. Its distinct apron-like leaves attain the length of three feet by twenty inches wide. 15 cents each.

DAHLIA. The last few years have brought the Dahlia to the very front rank of Summer Flowering Bulbs, and well they should be, for there is no flower more showy or that produces a finer floral effect. 20 cents each; \$2.00 per doz.

GLOXINIAS. This gorgeous class of Summer Blooming Bulbs can be grown successfully in pots with ordinary care, blooming six weeks after planting. After the leaves die down they may be placed in a cool, dry place. 15 cents each; \$1.50 per doz.

IRIS KAEMPFERI. The Japanese Iris, perhaps, the most popular of all. The flowers are very large, and widely open, with low crests and wide falls in a rainbow of bright colors around the golden eye which marks the center. The magnificence of this class is simply marvelous; mixed colors. \$2.00 per doz.

BEGONIA, TUBEROUS-ROOTED. The dry tubers can be planted at any time when the ground is warm, and will produce a wealth of beauty and profusion of bloom all the summer and fall. The flowers embrace many shades and hues, such as crimson, pink, white, yellow, orange, and scarlet, of enormous size, having measured as high as four inches in diameter.

BEGONIA, DOUBLE VARIETIES. Mixed. 25 cents each; \$2.00 per doz.

BEGONIA, SINGLE VARIETIES. Mixed. 15 cents each; \$1.25 per doz.

JAPANESE TREE PAEONY. No plant is more highly esteemed in Japan than the Tree Paeony; the great masses of bloom produce incomparable effects when planted as single specimens on the lawn; they flower in May, and often the blooms measure one foot across. Fine mixed colors. \$1.00 each.

TUBEROSES, EXCELSIOR PEARL. The Tuberose is a universal favorite, and largely beautiful pure waxy white color, and grow on tall stems, each producing a dozen or more blossoms. Excelsior Pearl is the most dwarfed and compact variety, and the most suitable for growing in pots. Per doz., 50 cents; per 100, \$3.00.

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Aquatic Plants

- NELUMBIUM SPECIOSUM** (*Egyptian Lotus*). The superb flowers and magnificent foliage of this well-known and far-famed species produce a splendid sub-tropical effect. The flowers, which are about a foot across when fully opened, are of a soft creamy white, and exquisitely fragrant. 75 cents each.
- NYPHÆA ALBA**. The hardy white Water Lily; beautiful deep green foliage; pure white, cup-shaped flowers; a continuous bloomer from early summer until fall. 35 cents each.
- NYPHÆA MARLIACEA ALBIDA**. A magnificent and distinct Water Lily, with flowers of purest sparkling white, and fragrant. 60 cents each.
- NYPHÆA MARLIACEA CHROMATELLA**. The leaves of this charming variety are mottled with brown when in a young state, and its large, fragrant flowers, which are a beautiful clear yellow, with bright orange stamens, are produced from early spring until destroyed by frost. \$1.00 each.
- NYPHÆA ODORATA ROSEA** (*Cape Cod Pink Water Lily*). Large-sized, cup-shaped flowers of a lovely deep pink color; delicious fragrance, and a free bloomer. 50 cents each.
- NYPHÆA PYGMÆA**. The smallest flowering species in cultivation; leaves green, two or three inches in diameter; flowers pure white, fragrant, and no larger than half a dollar; a native of China, and quite hardy. 25 cents each.
- NYPHÆA MEXICANA**. The flowers are a rich golden yellow, five inches in diameter, produced freely through the season until frost. 35 cents each.
- WATER HYACINTH**. A very showy aquatic, bearing flowers of a delicate lilac rose, in trusses like a Hyacinth; it floats on the water by means of its curious inflated leaf stalks, forming a rosette of brittle, shining green leaves; it should be grown in about three inches of water, so that the points of the feathery roots can enter the soil. 15 cents each; \$1.50 per doz.
- WATER POPPY** (*Limnæaris Humboldtii*). A pretty little plant, with yellow flowers, resembling miniature Poppies; a good plant for growing in shallow water or in an aquarium. 15 cents each; \$1.50 per doz.
- PARROT'S FEATHER** (*Myriophyllum proserpinacoides*). A most elegant aquatic plant; its long, trailing stems are clothed with whorls of the most exquisite tassel-like foliage; when trained in watertight hanging-baskets it soon forms a drapery of graceful verdure. 15 cents each; \$1.50 per doz.

THE WATER GARDEN

By WM. TRICKER

This new work contains nine beautiful plates and numerous smaller pictures, prepared with special reference to this work; describes all operations, from the growing of plants in tubs to the large Water Garden, planting, hybridizing, seed saving, propagation, and all other necessary details. Price, \$2.00.

To those interested in plants, we intimate that our profusely illustrated

TREE AND PLANT CATALOGUE

will be mailed free to all applicants. It contains list of Trees, Plants, Roses, Carnations, Chrysanthemums, Fruit Trees, Berry Bushes, and Strawberry Plants; also, Sprayers and receipts for Fruit Tree washes.

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Jadoo Fibre

A New Material
in which
every Plant
thrives without
Earth



Jadoo Liquid

For Watering
and
Fertilizing
all Kinds of
Potted Plants

TRADE MARK

REGISTERED

Simply Invaluable in Pot Culture

Jadoo Fibre is omn-suitable; that is, it suits all kinds of plants. It is well known that many different kinds of earth mixtures are required for successfully growing the different kinds of plants. This calls for special knowledge, possessed only by professional people, and to them even it is a matter of laborious and expensive detail. **Jadoo Fibre** does away with all this. If you have a hundred different kinds of plants and vegetables, instead of selecting the different kinds of earth mixtures known to be most suitable, you put them all in **Jadoo Fibre**.

- Jadoo Fibre** increases size, brilliancy and intensity of color in flowers.
- Jadoo Fibre** will germinate seeds more quickly than earth.
- Jadoo Fibre** will root cuttings in half the time it takes in any other substance.
- Jadoo Fibre** will restore favorite plants to vigorous life and growth.
- Jadoo Fibre** always remains sweet, and does away with the smell of sour earth in rooms.
- Jadoo Fibre** is only half as heavy as earth, and that counts in window gardens and hanging baskets.
- Jadoo Fibre**, owing to its spongy nature, retains water twice as long and requires watering only half as often as earth.
- Jadoo Fibre** is absolute proof against the introduction of noxious weeds, which so commonly occurs with manures and fertilizers.
- Jadoo Fibre** prevents slugs, worms, etc., and insects cannot exist in it.
- Jadoo Fibre** has also proven invaluable in the raising of oranges, figs, strawberries, cucumbers, tomatoes, melons, egg plants, etc., etc., and will increase the crop of cotton and tobacco.

CONCENTRATED JADOO LIQUID is the cheapest fertilizer sold; never fails to revive drooping plants, strengthens the weak, and nourishes the strong; above all it increases the size, causes greater profusion of bloom, and brightens the colors of all flowers and plants. Can be used on flowers or plants that are grown in earth or **Jadoo Fibre**.

Jadoo Liquid, in the proportion of 48 parts water to 1 part liquid, gives the proper strength for using.

PRICES

Jadoo Fibre: Per ton or half ton, 4½ cents per lb.; per bag of 100 lbs., 5 cents per lb.; per bag of 25 lbs., 6 cents per lb.; per bag of 10 lbs., 7 cents per lb.

Jadoo Liquid: Per pint bottle (16-oz.), 35 cents each.

A Romantic Bit of History surrounding

The Life of the Orange

THE recipe of this wonderful tonic was obtained four generations ago by an admiral of the United States Navy, stationed in the Mediterranean, whilst on sick leave in the mountains of Italy, from the Sisters of a convent near the village where he was recuperating from a long and dangerous illness. The cordial effected a permanent cure. The recipe has been transmitted as an heirloom from daughter to daughter of the same family to the present day.

The present owner of the recipe (a daughter of one of the most distinguished generals of the late Civil War) has often felt that its rare tonic qualities should not be withheld from the suffering public. With surprisingly beneficial results has every part of the orange been used and its well-known medicinal properties extracted. The fruit, the flowers, and the leaves have all yielded something, and the perfect cordial produced has amply repaid the tedious care required in its preparation.

To this rare old compound, the result of centuries of thought and experience, have been added a few simple ingredients of highly nutritious character (see formula), resulting in a most perfect tonic and nervine. A trial will speedily give proof of its wonderful restorative power.

The attention of the gentler sex is called to the fact that they will find this tonic especially valuable in preventing and removing the weakness and exhaustion to which they are liable.



A Word to Explain

Why We are Connected with this Orange Tonic Cordial

Our attention having been directed to the remarkable virtues of "THE LIFE OF THE ORANGE," we concluded to arrange with our friend and patron, Mr. F. A. Haber, for the handling of this article in California. This means that all sales, by whomsoever made, will result to our advantage; but we should naturally like to handle the orders direct. It is almost needless to say that our belief in the merits of this simple but healthful Tonic Cordial must be very pronounced to lead us to offer it over our own name in one hundred thousand seed books, read by over a million people.

SUNSET SEED & PLANT CO.

Full Directions with Each Package

All Garden Supplies

Price: Sample bottle, prepaid, 25 Cents
Large bottle, prepaid, \$1.00

33 Market Street, San Francisco

MURDOCK PRESS, SAN FRANCISCO

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California is the Home of the Orange and the Orange is Nature's Medicine Chest

It is well established that the orange possesses medicinal qualities of a high order, although the medicinal properties of the orange are well established, and, in a measure, called into requisition by the medical profession generally, as is instanced in the frequent advice to use orange juice in subduing biliousness, febrile symptoms, and as a blood regulator, etc.

It is only in its home that its wonderful qualities seem fully recognized; to the inhabitants of those hot countries of which it is a native it is a genuine medicine chest.

In cases of insomnia, nervous exhaustion, and kindred troubles, the distilled water of orange flowers is most successfully administered, whilst for the severe fevers so common in those regions there is nothing that surpasses a tea made from the orange leaves. The essential oil in the fruit skins is used as a stomachic, carminative, and nervine, and the juice, as has been said, as a blood regenerator and an eliminator of bile has no equal.

The fresh orange juice in the Cordial is unchanged by fermentation or cooking, and, being prepared in and decanted from porcelain vessels, does not come in contact with any metallic substance.

Into the Tonic Cordial all these agencies have entered; each of them, by years of careful experiment, has been made to yield its virtues, so that the Tonic contains all the vital principles or, in other words, the life of the orange; hence its name—*Vita Aurantii*.

Aside from its wonderful medicinal properties, the "Life of the Orange" is a most delicious cordial, and can be freely used, for it contains nothing that could harm the most delicate.

THE LIFE OF THE ORANGE

The only Tonic in existence that produces

NO REACTION

No Extracts No Chemical Oils No Drugs

NOT AN EXCITANT

A Delicious After-Dinner Cordial. An Invigorating Tonic
A Nerve and Blood Regenerator

FORMULA.—The essential oil in the rind of the orange, a carminative; the extract of the fresh orange blossoms, a nervine and sedative; the extract of the leaves, a febrifuge; the juice of the orange, unchanged by cooking or fermentation, antibilious; to which are added phosphates of iron and manganese, making a true tonic and blood regenerator; indorsed by leading physicians as the most agreeable and effectual tonic on the market.

COPY OF ANALYSIS

San Francisco, May 4, 1897.

This is to certify that I have made a thorough analytical test of the Orange Tonic Cordial called the "Life of the Orange," submitted by Mr. F. A. Haber, proving the said Orange Tonic Cordial to contain all the ingredients, with their medicinal virtues claimed for it, in addition to one and half per cent. of iron and one third per cent. of manganese, contained therein, and I find said Orange Tonic Cordial to be absolutely free from any deleterious substance.

1423½ California St.

EDWARD NEUMANN,
Analytical and Consulting Chemist.

Subscribed and sworn to before me this 17th June, 1897.

[SEAL]

GEO. T. KNOX,
Notary Public in and for the City and County
of San Francisco, State of California.

QUANTITY TO TAKE.—For adults, one cordial glass or a large tablespoonful, daily, before meals. For insomnia, or sleeplessness, a double quantity before retiring. For children, half portion.

Carriage paid }
to your door }

Price: Sample bottle, prepaid, 25 Cents
Large bottle, prepaid, \$1.00



SUNSET SEED & PLANT CO. SAN FRANCISCO, CALIFORNIA



ASTER, WHITE OSTRICH FEATHER. This magnificent new Aster, originating from the Goliath type, bears some resemblance to the giant White Comet Aster. The principal distinction is in the candelabrum-like habit of growth and its marvelous floriferousness; and a still greater merit is found in the immense size of the flowers, which average six inches in diameter, and are of a beautiful snow-white color. For bouquet work, these long-stemmed, magnificent flowers are simply invaluable, and any one wanting Asters, for cut-flower purposes, should procure this gem among Asters. Pkt., 25 cents.

SUNSET SEED AND PLANT CO.
33 MARKET STREET
SAN FRANCISCO, CALIFORNIA

Don't fail to read all about SWEET PEAS, on pages 26 to 33,—our specialty