

1897

Preliminary
Catalogue



Fall
1897

Sunset Seasonables For Present Planting



Bulbs—Choice Assortment

Seeds—Flower and Vegetable; also for Field Sowing

Plants—Ornamental and Small Fruit

Trees—Ornamental and Fruit

Palms—All kinds at low prices



Sunset Seed and Plant Co.

ALL GARDEN SUPPLIES

33 MARKET STREET

SAN FRANCISCO

Following general Annual Catalogues ready Christmas, '97:

- (a) Flower and Vegetable Seeds—all the desirable kinds.
- (b) Plants and Fruit Trees—in full assortment

Send name and address stating which Catalogue you desire



Telephone
Number
Main 5811



JAMES SPROULE, Manager

The Sunset Seed and Plant Co. will remove to a four-story warehouse, located at 33 Market Street. This will give them the finest seed warehouse on the Pacific Coast.

*American Florist,
Chicago, June 26, 1897.*

The Sunset Seed and Plant Co. will remove business July 1st to the four-story warehouse, 33 Market Street, near the Overland Ferry Depot. This, it is said, will give them the finest seed warehouse west of the Rockies.

*Florists' Exchange,
New York, July 3, 1897.*

The Sunset Seed and Plant Co. has removed to more commodious quarters, 33 Market Street, this city. In its announcement, this concern cleverly says: "Our seeds grow and our business grows; hence this 're-potting,' to give room for our roots."

*California Fruit Grower,
San Francisco, July 7, 1897.*

The well-known Sunset Seed and Plant Co. has recently made a progressive step in transplanting its offices, salesroom, and general stock of seeds, plants, etc., to new and larger quarters at 33 Market Street, south side, and one block up town from the ferry landing. This change of situation grows out of an expanding business, which could no longer be accommodated in the old quarters, and it is of special advantage in that it brings the business of the Sunset Seed and Plant Co. to a location more easily accessible to country patrons than the former situation. In congratulating the Sunset Seed and Plant Co. upon a change in all ways advantageous, it gives the RURAL PRESS great pleasure to bear witness to the courtesy, intelligence, and spirit of genuineness in which its business is uniformly conducted.

*Pacific Rural Press,
San Francisco, August 7, 1897.*

JUST A WORD



SO many inquiries for Price List come to us each year a long time before it is practicable to issue our General Catalogue for the season, that we have decided to meet the evident desires of our patrons by distributing, at this early date, the pamphlet now tendered, which presents Seasonable Offerings in the lines indicated on the first page. It costs money to do this, but we spare no expense in catering to the needs of our customers, who, in turn, have been very good to us in the past, and to whom we give grateful thanks for their continued patronage. With a new location, and much larger premises than at the "old stand," and also with a Fresh Stock of live seeds, we are better prepared than ever to carry on increasing business. We emphatically assure the people of the Pacific Coast that they can get Honest Seeds and Square Treatment when they come to us for Garden Supplies. A point about Sunset Seeds which the public appreciates is, that

"THEY GROW!"

ALL WELL-REGULATED PEOPLE

Sow Sunset Selected Seeds

SUNSET SEED AND PLANT CO., 33 MARKET ST., SAN FRANCISCO, CAL.

BULBS

Hyacinths



HYACINTH IN POT

For growing in pots.—Plant from September to December, using a light loam mixed with leaf mold and well-decomposed manure. Cover bulbs so that tops will just show, and after watering well, place in a cool, dark place out-of-doors. When the pots are full of roots and the tops have sprouted about an inch, which will be in about six or eight weeks, they may be removed indoors to a sunny situation and plentifully supplied with water at the roots.

For growing in glasses.—Allow water to just touch base of bulbs, and place in a dark closet or cellar where temperature is about 50°. Expose gradually to light and sun when glasses are well filled with roots. Change the water as it becomes impure, drawing roots entirely from glass, and rinsing in clean water. Be particular to always keep the water to a level with the base of each bulb.

For growing in the garden.—Bulbs may be planted any time from October to December. They require a light rich soil, and the crown of the bulb should be three to five inches below the surface; set six inches apart. Where the ground becomes frozen, cover with straw or leaves to the depth of about three inches, removing the covering early in spring.

If ordered by mail please add fifteen cents per dozen for postage.

Superfine Hyacinths in Separate Colors FOR FORCING OR OPEN-AIR CULTURE

Our mixtures comprise the finest shades of colors, are unexcelled for use where an effective display is wanted in the open air, and are of such superior quality as to be entirely satisfactory to florists and others who use large quantities for forcing.

	Each.	Doz.	Per 100.		Each.	Doz.	Per 100.
Single Pure White	.7	65	\$3.50	Double Pure White	.7	65	\$3.50
Single Red, all shades	7	65	3.50	Double Red, all shades	7	65	3.50
Single Blue, all shades	7	65	3.50	Double Blue, all shades	7	65	3.50
Single Yellow	.8	70	4.00	Double Yellow	.8	70	4.00
Single, all colors mixed	7	65	3.50	Double, all colors mixed	7	65	3.50

Early White Roman Hyacinths. This beautiful and very valuable variety, if planted in September and gently forced, will bloom in November, or flowering may be retarded till Christmas by keeping in a cool place. The flowers, which are smaller than those of the ordinary Hyacinth, are produced in great profusion, each bulb throwing up three or four spikes of delicately scented, clear white blossoms; highly recommended for parlor decoration. Extra large. bulbs, 10 cents each; 50 cents per dozen; \$3.50 per hundred.

Select Named Single Hyacinths

	EACH.
Alba Superbissima, pure white, large handsome spike	\$.10
Amy, deep glossy carmine red, tall well-filled spike	.10
Bird of Paradise, fine rich yellow, large compact spike	.20
Cavaignac, rosy carmine, shaded salmon, beautiful large broad bells	.15
Charles Dickens, bright blue, shading to porcelain, very beautiful	.15
Czar Peter, light porcelain, shaded lavender, large bells and spike	.15
Gigantea, rose and blush, extra large close truss, one of the best	.15
Grandeur a Merveille, finest blush white, extra fine large truss	.10
Grand Vedette, pure white, extra large bells, extra large spike	.10
Ida, the best pure yellow, large fine truss	.15
King of the Blacks, magnificent purplish black, compact truss	.25
King of the Blues, rich dark blue, the finest of the deep blues	.20
King of Holland, rich orange, fine large spike and bells	.20
La Grandesse, the finest pure white, grand compact spike	.15
Leonidas, clear bright blue, handsome and very early	.15
Lord Macauley, rosy carmine, large bells and spike	.15
Norma, delicate waxy blush pink, one of the best	.15
Reine de Holland, pure white, a favorite early variety	.15
Rhinoceros, orange, good truss	.15
Robert Steiger, fine deep crimson, large truss	.10
Snowball, pure snowy white, extra large waxy bells	.20
Veronica, bright crimson, good for forcing	.10
Voltaire, pale blush white, fine spike	.10



HYACINTH IN WATER.

Select Named Double Hyacinths

	EACH.
Alida Catherina , very fine dark rose, early	\$0.15
Blocksburg , light blue, marbled with dark magnificent spike . . . . .	.15
Bouquet d'Orange , rosy salmon, fine semi-double bells . . . . .	.20
Bouquet Royal , pure white, yellow center, extra fine spike . . . . .	.10
Bouquet Tendre , brilliant dark carmine red, good truss . . . . .	.10
Bride of Lammermoor , dark purple, variegated centre, large bells . . . . .	.20
Couronne Blanche , pure white, fine bells and good truss . . . . .	.10
Garrick , splendid bright blue with dark centre, very fine . . . . .	.20
Grand Vainquer , pure waxy white, fine truss . . . . .	.20
Heroine , pure golden yellow, very fine large bells . . . . .	.20
Koh-i-noor , deep bright rose, large semi-double bells . . . . .	.20
La Grandeur , bright golden yellow, with citron tinted centre . . . . .	.25
La Tour d'Auvergne , the earliest pure white, extra fine spike . . . . .	.15
Louis Napoleon , dark carmine red, rich and bright . . . . .	.15
Minerva , salmon, with rosy carmine stripe, splendid flower . . . . .	.20
Murillo , beautiful azure blue, shaded darker, immense bells . . . . .	.20
Noble par Merite , splendid deep rose pink, very fine . . . . .	.15
Pasquin , light lilac blue with dark centre, fine spike . . . . .	.20
Prince of Saxewimar , dark blue, shaded violet, semi-double bells . . . . .	.15
Prince of Waterloo , fine, pure waxy white, very large spike . . . . .	.15
Regina Victoria , fine salmon rose, very early . . . . .	.15
Robert Burns , deep indigo black, compact truss . . . . .	.20
Venus , ivory white with rosy blush centre, large spike . . . . .	.15

Tulips

The Tulip is always attractive because of its beauty and brilliancy of color, and is the most popular of early spring flowers. It is as hardy as the Hyacinth and as easy to grow, requiring the same conditions of culture, except that the bulbs being smaller, must not be planted quite so deep. The single varieties are easily forced, and if potted in September and treated as directed for Hyacinths, they may be had in bloom about Christmas.

Single Varieties.

All named varieties of Tulips are 5 cents each, 50 cents a dozen.

Adeline, cherry pink with yellow base.
Artus, dwarf, bright red.
Canary Bird, clear rich golden yellow.
Cottage Maid, carmine pink, feathered white.
Crimson King, bright crimson, showy.
Koh-i-noor, very rich blood red.
Pax alba, pure white with yellow base.
Proserpine, rich silky carmine.
Queen Victoria, white tinted rose.
Rembrandt, rich glowing crimson.
Silver Standard, white feathered crimson.
Yellow Prince, bright yellow, very showy.
Single Mixed, containing a large variety of colors, and only such sorts as grow the same height and flower together. 25 cents per dozen; \$1.50 per hundred.

Arabella, carmine rose, large flower.
Duc Van Thol, crimson scarlet.
Gloria Solis, deep crimson, with golden margin.
La Candeur, pure white, very full and large.
Murillo, blush white, shaded rose.
Purple Crown, velvety crimson maroon.
Rex Rubrorum, bright crimson scarlet.
Rose Blanche, pure white, tipped green.
Rubra Maxima, carmine scarlet, flamed green.
Tournesol, bright golden yellow, showy.
Velvet Gem, deep mahogany, margined yellow.
Virgilius, deep carmine, fading to blush at edges.
Double Mixed, containing the proper proportion of bright colors, all early flowering varieties that will bloom together. 25 cents per dozen; \$1.50 per hundred.

Parrot Tulips. These are late flowering single Tulips, with large characteristic blossoms and curiously lacinated petals of varied and brilliant colors, very beautiful and interesting. Fine mixture, 30 cents per dozen; \$2.00 per hundred.

Crocus

One of the earliest and most popular of spring flowers, and on account of its varied colored blossoms, is remarkably effective. They will thrive in any soil or situation, but are most striking when planted in large groups or lines of distinct colors.

Separate Colors.—Yellow, blue and purple, white, striped and variegated. 15 cents per dozen. \$1.00 per hundred.

All Colors Mixed.—10 cents per dozen; 75 cents per hundred.

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 (Golden Banded Lily), the grandest of all hardy lilies; flowers white, spotted with maroon, having a bright yellow band through the centre of each petal; strong flowering bulbs	\$0.20
Brownii , creamy white, shaded with chocolate crimson, rare and beautiful . . . . .	.60
Candidum (Madonna Lily), the common white sweet-scented garden lily . . . . .	.15
Excelsum , lovely cream-colored flowers, tinged with apricot . . . . .	.40
Harrisii (Bermuda Easter Lily), the earliest, most profuse blooming, pure white trumpet-flowered lily there is . . . . .	.15
Humboldtii .—This is the largest of California lilies, and very showy; flowers golden yellow, spotted purple . . . . .	.30
Krameri , deep rosy pink, very fragrant . . . . .	.30
Longiflorum (Japanese Easter Lily), well known, beautiful, snow-white, fragrant garden lily . . . . .	.10
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

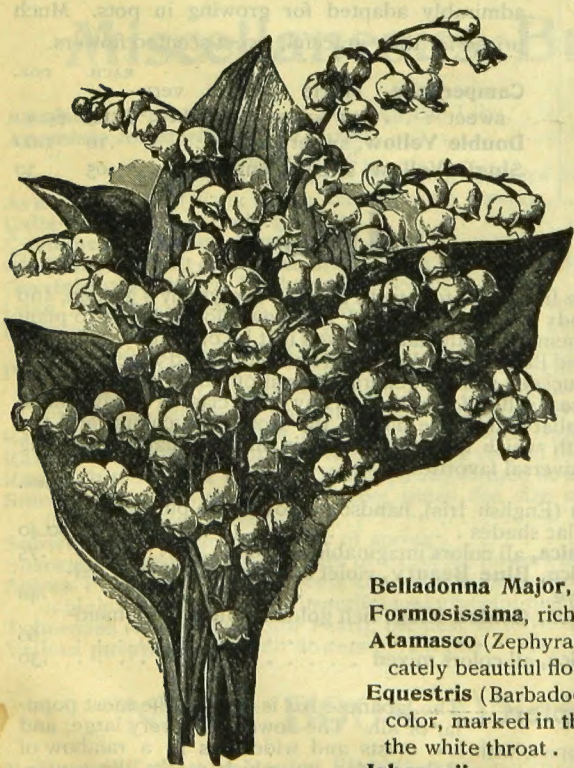
Lily-of-the-Valley

Beloved everywhere for gardens, cemeteries and indoor forcing, the charming little Lily-of-the-Valley will always be a favorite flower. Outdoors it flourishes well in shaded situations left bare by other plants; indoors it loves a light, warm window and plenty of water. Strong extra quality forcing pips, 5 cents each; 35 cents per doz. (mail, 40 cents); \$2 per 100. Strong clumps (by express only), 50 cents each.

Amaryllis

The bright colors and handsome form of the Amaryllis make it desirable both for greenhouse and parlor decoration, while its cultivation is so simple that it can be grown by anyone. The most suitable soil is a good loam with one-fourth part of leaf mold and a proportion of sand; water moderately until the plants show indications of flowering.

	EACH.
Belladonna Major , beautiful rose color	\$0.25
Formosissima , rich crimson . . . . .	.25
Atamasco (Zephyranthes) furnishes a constant succession of delicately beautiful flowers, white suffused with pink . . . . .	.05
Equestris (Barbadoes Lily), broad petals of a soft salmon scarlet color, marked in the centre with white bars which radiate from the white throat . . . . .	.20
Johnsonii , a very popular sort, and one of the best for general culture; large flowers, fine crimson color, striped white . . . . .	.50
Lutea (Sternbergia), bright golden yellow flowers, beautiful . . . . .	.10



LILY-OF-THE-VALLEY.

Narcissus or Daffodils

These old-fashioned favorites hold the affections of the flower-loving public like few other flowers. Their graceful habit, delicate fragrance and variety of form and shades of color are delightful, and they are always in demand for bouquets and floral work generally. Easily cultivated; quick and sure bloomers.

	EACH	DOZ.
Ard Righ (Irish King), pure yellow, wide-fringed trumpet	\$0.15	\$1.50
Alba plena odorata , double pure white, very fragrant . . . . .	.05	.35
Cynosure , light yellow, with rich yellow cup . . . . .	.05	.50
Golden Spur , very large, rich yellow flowers . . . . .	.10	1.00
Henry Irving , magnificent flower, rich golden yellow . . . . .	.15	1.50
Obvallaris maximus (Tenby Daffodil). Bright yellow; very fine . . . . .	.05	.40
Pallidus præcox , one of the earliest and loveliest of Trumpet Daffodils; delicate pale straw, passing to white . . . . .	.05	.50

	EACH	DOZ.
Poeticus , pure white, with orange cup edged with crimson	\$0.05	\$0.30
Princeps , large yellow trumpet, sulphur white perianth . . . . .	.05	.50
Sir Watkin , a gigantic variety, color light yellow, with large dark cup . . . . .	.20	2.00
Stella , white star-shaped flowers with yellow cup . . . . .	.05	.30
Trumpet major , large deep yellow flower . . . . .	.05	.50
Van sion , the famous old double yellow daffodil . . . . .	.05	.50
Mixed Daffodils , including many beautiful varieties, excellent for growing in masses for garden decoration, and grand for cutting. 25 cents per dozen; \$1.50 per hundred.		

Polyanthus Narcissus and Jonquils

The varieties of this group produce an abundance of large trusses of very sweet-scented flowers, varying in color from pure white to deep golden yellow; they are easily cultivated, and excellent for pots and forcing.

Polyanthus Narcissus

	EACH	DOZ.
Gloriosa , white, with orange cup, very large, excellent	\$0.10	\$0.75
Grand Soleil d'or , dark yellow, suffused orange . . . . .	.10	.75
Newton , very fine yellow, with orange cup, free bloomer . . . . .	.10	1.00
Paper White Grandiflora , large, pure white, a grand sort . . . . .	.05	.50
Roman , Double white, very fragrant . . . . .	.05	.50
Mixed , without names, many varieties, very fine . . . . .	.05	.35

Sweet-Scented Jonquils

These are both double and single, and are admirably adapted for growing in pots. Much prized for their graceful, sweet-scented flowers.

	EACH	DOZ.
Campernelle , single yellow, very sweet	\$0.05	\$0.40
Double Yellow , sweet scented . . . . .	.10	1.00
Single Yellow , sweet scented . . . . .	.05	.30

Iris

The Iris seems to love to grow in everybody's garden, and everybody seems to love the "Rainbow Flower," and to plant some member of the family, even if it be only the sweet, old-fashioned Blue Flag. We offer a few of the handsomest species, which succeed well in general cultivation, all of them possessing more wealth of beauty than any other class of hardy plants, the peculiar orchid-like flower, the wonderful colors, and the ease with which they are grown in moist situations making them universal favorites.

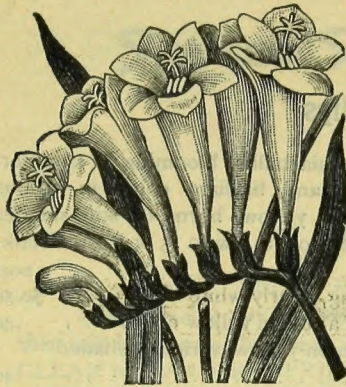
	DOZEN.
Anglica (English Iris), handsome flowers, in purple, blue and lilac shades	\$0.40
Germanica , all colors imaginable, mixed . . . . .	.75
Hispanica, Blue Beauty , violet and azure blue with yellow eye . . . . .	.40
Hispanica, Golden King , rich golden yellow, very handsome . . . . .	.60
Hispanica , all colors mixed . . . . .	.30

Kæmpferi. The Japanese Iris is 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 centre. The magnificence of this class is simply marvellous.

	DOZEN.
Mixed colors	\$2.00



IRIS KÆMPFERI.



FRESIA.

Freessias

These are among the most beautiful of all Cape Bulbs, possessing a peculiar grace of form, and their fragrance is most delightful, one pot of 5 or 6 bulbs being sufficient to perfume a whole house. As cut flowers they are extremely valuable, the unexpanded blooms opening in water fill the air with the most delicate perfume, and their endurance is really remarkable. They force very easily, and can be had in flower at Christmas, and continue in succession till June.

Refracta Alba, pure white, delightfully fragrant. 1st size, 15 cents per dozen, 75 cents per 100. Selected, 20 cents per dozen, \$1.00 per 100. Mammoth, 35 cents per dozen, \$2.00 per 100.

Leichtlini, pale yellow, fragrant, 6 cents each; 60 cents per dozen; \$3.00 per 100.

Bermuda Buttercup Oxalis

This is one of the finest winter-flowering plants for pot culture that we have ever seen; it is such a strong, luxuriant grower that one bulb will be sufficient for a six or eight inch pot. The flowers are of the purest bright buttercup yellow. Well-grown plants have produced as high as seventy flower stems at one time, and over 1000 flowers in one season. Properly treated, the plants will flower in six weeks from the time the bulbs are planted. 50 cents per dozen.

	DOZEN.
Oxalis Alba , pure white, fine winter bloomer	\$0 35
“ Boweii , rich crimson, very large flowers . . . . .	.50
“ Mixed colors , contains many beautiful sorts . . . . .	.35

Miscellaneous Bulbs and Roots

	EACH.	DOZ.
Agapanthus umbellatus , or Blue African Lily	\$0.15	\$1.50
Anemone coronaria , double mixed . . . . .		.25
“ “ single mixed . . . . .		.20
“ Fulgens , rich scarlet, beautiful feathery foliage . . . . .		.30
Arum Sanctum (Black Calla), black purple flowers . . . . .	.15	1.50
Calla Ethiopica , extra large bulbs . . . . .	.10	1.00
Cyclamen Persicum Giganteum . . . . .	.15	1.50
Gladiolus Colvilli alba (The Bride), pure white, for forcing . . . . .		.15
Gloxinia grandiflora , bright and gorgeous colors . . . . .	.15	1.50
Ixias , mixed; long spikes of gladiolus-like flowers of most exquisite and diversified colors . . . . .		.25
Pæonies, Herbaceous . The flowers of these fine old favorites almost rival the rose, the immense double blooms being of the most intense yet delicate colors . . . . .	.30	3.00
Pæonies, Japanese Tree . This variety attains a height of four to six feet, and when in bloom presents a most gorgeous appearance. They grow and flower well in almost any soil, but the flower will be finer and the colors brighter if given a deep rich loam, well manured	1.00	
Ranunculus Giant, French Mixed , immense semi-double flowers . . . . .		.20
Ranunculus Persian Double Mixed , camelia-shaped flowers, rich variety of colors . . . . .		.20
Ranunculus Turban Double Mixed , pæony-formed flowers, colors vivid and varied . . . . .		.20
Snowdrop, “Elwes’ Giant,” three times the size of the old-fashioned snowdrop; white flowers marked green . . . . .		.35
Snowdrops , the earliest flower of spring . . . . .		.15
Sparaxis, mixed , produces spikes of exquisite flowers of many colors . . . . .		.25
Spirea Floribunda . The flowers are borne in large feathery panicles of purest white, and last a long time in bloom; a beautiful and graceful plant for home decoration . . . . .	.30	3.00
Tuberose (Dwarf Excelsior Pearl), the best variety . . . . .	.05	.50
Vallota purpurea , splendid flowers of rich red . . . . .	.30	3.00

NEW BOOK ON BULB CULTURE

Bulbs and Tuberous-Rooted Plants; their history, description, methods of propagation, and complete directions for their successful culture in the garden, dwelling-house, and conservatory. By C. L. Allen. Handsomely illustrated. Price, \$2.00.

Calochortus

(Mariposa Lily or Butterfly Tulips)



CALOCHORTUS

Very beautiful California bulbs, blooming in summer. The flowers are of rich and brilliant colors in various shades of white, purple and yellow, borne on stiff, slender stalks, 8 to 20 inches high, from a few to 15 or 20 on a stalk.

	doz.
Albus. Flowers nodding, pearly white	\$0.50
Pulchellus. Flowers of a golden yellow color. . . . .	.40
Luteus. Erect, clear, lemon-yellow, variously shaded and marked. . . . .	.40
Splendens. Flowers rich, erect, lustrous, purple, very showy . . . . .	.50
Venustus. Lilac on creamy white ground, spotted with maroon and yellow; erect . . . . .	.40
Mixed. A selection of the hardiest varieties . . . . .	.30

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.

Nymphæa 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.

Nymphæa marliacea albida.—A magnificent and distinct water lily, with flowers of purest sparkling white, and fragrant. 60 cents each.

Nymphæa 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.

Nymphæa 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.

Nymphæa 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.

Nymphæa 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 dozen.

Water Poppy (*Limnæcharis 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 dozen.

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 drape of graceful verdure. 15 cents each; \$1.50 per dozen.

Cyperus alternifolius (Umbrella Palm).—Has slender reed-like stems surmounted by a whorl of grass-like foliage, diverging horizontally. Is very ornamental grown in water or in moist soil in pots. 25 cents each.

Cyperus papyrus (Egyptian Paper Plant).—From the snow-white pith of the triangular stalks of this plant the first paper was made. The stems grow from six to eight feet high, and are surmounted by a tuft of long thread-like filaments, which subdivide into smaller ones, giving the plant a graceful and striking appearance. Delights in shallow water and rich soil, but will do well in the garden if a plentiful supply of water is given. 50 cents each.



WATER HYACINTH.

Sunset Sweet Pea Achievements

1897 INTRODUCTIONS



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 well up 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 yellow.

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

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 we have named it "The Children's Sweet Pea."

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

W. ATLEE BURPEE,
(Of W. Atlee Burpee & Co.,
the Philadelphia Seedsmen.)

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,
(The eminent Sweet Pea Authority of 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 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.

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.

CALIFORNIA SWEET PEAS

SUNSET SELECTED STRAIN

1898 and 1897 Novelties



1898 SET

Price, 15 cents per packet; set of 11 for \$1.25.

- 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.** Tricolor variegated, odd and attractive in its markings. Standard 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 standard; of fine substance; large and finely formed. Best of the 1898 introductions.
- 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 Dorritt, 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.

1897 SET

Price, 10 cents per packet; set of 13 for \$1.00.

- AURORA.** Striped and flaked bright orange-salmon on white ground; of finest form and large size.
- BRIDE OF NIAGARA.** General color-effect like Blanche Ferry, but the standards run double or triple to the extent of 20 to 40 per cent., which is a larger general average than we have noted in any other variety. Although not partial to the so-called *double* Sweet Pea, we may say this variety is worthy of trial.
- BRILLIANT.** Rich bright crimson scarlet of improved form, holding its color well.
- COQUETTE.** Delicate creamy flesh, with faint purplish rose tinge in standard; wings rich creamy primrose. One of the finest blendings of soft tints.
- COUNTESS OF SHREWSBURY.** On the plan of Lady Beaconsfield; blending of soft pink and purple in standards, wings shading to pink, faintly suffused with lilac. A comparatively small flower.
- CREOLE.** Standards soft pinkish lavender, explanate; wings pure lavender; a pleasing variety, but unfortunately did not prove wholly fixed the past season.
- GOLDEN GATE.** Soft pinkish mauve standards; wings a lighter tint of mauve and lavender, fluted and standing peculiarly upright, like the ears of a startled jackrabbit.
- LOVELY.** A shade deeper than Prima Donna, with slight gradation in its pink tints; a large fine flower, showing a liberal per cent. of double florets; often has four flowers on a stem.
- MAID OF HONOR.** A worthy successor to its popular parent, Butterfly. Color a light suffusion of blue on white ground, edged with deeper blue, giving it a pretty porcelain effect.
- MARS.** A deep pure crimson in its prime, becoming darker as it ages. Of finely grandiflora form.
- NEW COUNTESS.** An improved bluish mauve, showing less inclination to assume the reddish tint than does Countess of Radnor when poorly grown.
- PRIMA DONNA.** First among the pink selfs; a large, perfect flower, and one of the finest of Sweet Pea creations.
- ROYAL ROSE.** An elegant study of rose-color gradations; standards barred with deeper rose than the ground. A large flowered and well-formed variety.

SUNSET SWEET PEAS



GENERAL LIST—A WONDERFULLY COMPREHENSIVE COLLECTION

5 cents per packet; 15 cents per ounce; 50 cents for 4 ounces;
1 packet each of 25 varieties, your selection, \$1.00.

The following list of Sweet Peas we believe to be the most complete ever offered at a uniform price of 5 cents per packet. It embraces all varieties up to and including 1896 introductions. The 1898 and 1897 sets are classed as latest Novelties, and may be found on another page.

We call special attention to our convenient arrangement of varieties under color-heads, and classified according to type, the highest grandiflora form appearing first (other points being equal) in each group.

To those wishing to understand in greater detail the peculiarities of the different varieties, we recommend our little book, "SWEET PEA REVIEW," compiled from critical notes made during the Sweet Pea growing season. Price, 25 cents.

Pure White	Shades of Crimson	Claret Shades	Contrasting Shades
Blanche Burpee, Emily Henderson, Mrs. Sankey, Alba Magnifica, Queen of England.	Ignea.	Duke of Clarence, Monarch, Waverly, Indigo King, Purple Prince.	(Standards and wings in separate tints.) Little Dorritt, Blanche Ferry (same as Blushing Bride and Improved Painted Lady), Extra Early Blanche Ferry, Duke of York, Empress of India, Painted Lady (same as Nellie Jaynes).
Approaching Shades of Yellow	Shades ranging between Scarlet and Crimson	Distinct Blendings	Variegated Sorts
Mrs. Eckford, Primrose.	Princess Victoria, Duchess of Edinburgh.	Crown Jewel, Venus, Eliza Eckford, Apple Blossom, Lemon Queen, Lady Beaconsfield, Bronze King, Peach Blossom, Princess Beatrice, Alice Eckford, Crown Princess of Prussia, Lottie Eckford, Butterfly, Violet Queen (same as Princess Louise), Captain Clarke, or Tricolor, Delight, Fairy Queen, Meteor, Orange Prince, Rising Sun, Etna, Vesuvius, Carmen Sylva, The Queen.	Mrs. Joseph Chamberlain, Mikado, Ramona, Senator, Gray Friar, Duchess of York, Juanita, Gaiety, Daybreak, America, Red and White Striped, Queen of the Isles, Princess of Wales.
Shades of Pink	Shades of Mauve (Bluish)		Departures
Blushing Beauty, Royal Robe, Mrs. Gladstone, Katherine Tracy, Isa Eckford.	Celestial, Princess May, Countess of Radnor.		(In habit of growth.) Cupid (Dwarf White).
Shades of Rose	Shades of Mauve (Reddish)		
Lady Penzance, Ovid, Her Majesty, Splendor, Novelty, Miss Hunt, Adonis, Oddity.	Emily Eckford, Dorothy Tennant.		
Shades of Scarlet	Magenta Shading		
Firefly, Cardinal, Scarlet Invincible.	Captivation.		
	Shades approaching Blue		
	Captain of the Blues (same as Grand Blue), Madam Carnot.		
	Shades of Deep Maroon		
	Stanley, Boreatton.		

MIXED. SUNSET SELECTED MIXTURE (containing some 75 varieties, and also unnamed sorts.)

Price of mixture, by the ounce, 10 cents; otherwise, 5 cents per large packet. \$1.00 per pound.

Flower Seeds for Fall Sowing



Many varieties of Flower Seeds, annuals as well as biennials and perennials, may be sown in the open ground in autumn. The plants from autumn-sown seed are always larger and more robust, flowering earlier and more profusely than if sown in spring. The varieties named in the following list all do better when sown in the fall.

	PACKET		PACKET
Abutilon , bears beautiful bell-shaped flowers of varied and brilliant colors	\$0.10	Forget-me-not , popular little plants with neat star-like flowers	\$0.10
Ageratum , "Little Dorritt," blue, very dwarf . . . . .	.10	Freesia refracta alba , easily raised from seed, will bloom the first season . . . . .	.05
Alyssum , Sweet, dwarf white flower, fragrant as honey . . . . .	.05	Fuchsia ; if sown early these well-known favorites will bloom first season (35 seeds) . . . . .	.25
Amaranthus , ornamental foliage plants, very beautiful . . . . .	.05	Geranium , all varieties and colors mixed . . . . .	.10
Antirrhinum or Snapdragon , all brightest colors mixed . . . . .	.05	Gladiolus , saved from the choicest varieties, and will give satisfaction to those who desire a choice collection of this lovely flower . . . . .	.05
Aquilegia or Columbine , elegant free-blooming perennials . . . . .	.05	Gloxinia , one of the loveliest pot plants there is; the flowers are bell-shaped and embrace every range of color and shade (100 seeds) . . . . .	.25
Aster , Semple's Giant , marvels in size and colors, mixed . . . . .	.10	Heliotrope , favorite plants for bedding and pot culture; much prized on account of their delicious fragrance . . . . .	.10
Balloon Vine , a beautiful rapid-growing climber . . . . .	.05	Hollyhock , well-known garden favorites, mixed colors . . . . .	.10
Begonia , double and single, all colors mixed . . . . .	.25	" collections of twelve distinct colors . . . . .	.75
Calceolaria grandiflora , splendid greenhouse plants (200 seeds) . . . . .	.25	Ipomea imperialis , the Japanese Morning Glory, of endless colors and marvelous markings . . . . .	.10
Calliopsis , "Golden Wave," beautiful golden blossoms with dark centre . . . . .	.05	Lobelia , graceful and profuse blooming little plants, well adapted for hanging baskets, vases, etc.; in various shades of blue . . . . .	.10
Candytuft , "Empress," pure white, very dwarf . . . . .	.10	Lophospermum scandens , a beautiful climber with large bell-shaped blue flowers . . . . .	.10
Canna , best French varieties, mixed . . . . .	.05	Mandevillea suaveolens , every lover of flowers should possess this rapid-growing, beautiful climber; completely covered with fragrant creamy-white flowers . . . . .	.15
Canterbury Bells , well-known popular biennials . . . . .	.05	Marigold , "Legion of Honor," rich golden yellow, beautifully marked with large spots of velvety brown . . . . .	.10
Carnation , "Margaret," magnificent double flowers, ranging through all shades of color; flowers in three months from sowing (150 seeds) . . . . .	.15	Maurandya Barclayana , free-blooming climber, covered with blue and white flowers . . . . .	.10
Carnation , Prize Double , mixed, satisfactory in every way . . . . .	.10	Mignonette , the old-fashioned fragrant variety " collection of twelve distinct varieties . . . . .	.50
Carnation , ordinary mixed , a great variety of colors . . . . .	.05	Mina lobata , a lovely climber from Mexico; flowers of a beautiful rosy crimson, changing to orange and cream . . . . .	.05
Centaurea cyanus (Bachelor's Buttons), blue " Candidissima , large silvery white leaves, deeply lacinated . . . . .	.10	Musa ensete , or Abyssinian Banana , a foliage plant of magnificent proportions; very effective; will grow 10 feet high the first season (10 seeds) . . . . .	.15
" gymnocarpa , silvery gray foliage . . . . .	.05	Nasturtium , climbing , all the best colors mixed " " collection of twelve distinct colors . . . . .	.50
Cineraria grandiflora , saved from best varieties (60 seeds) . . . . .	.15	" " Dwarf , all the best colors mixed " " collection of twelve distinct colors . . . . .	.50
Cobea scandens , beautiful climber, with large bell-shaped flowers, green at first, changing to a deep violet blue (20 seeds) . . . . .	.10	Pansy , Odier or Five-blotched ; each petal has a large blotch with clearly defined margin . . . . .	.10
Coleus , unequalled for size and brilliancy of foliage (100 seeds) . . . . .	.15	" Peacock , purple and peacock blue, very beautiful . . . . .	.15
Cosmos , charming plants with large anemone-like flowers; crimson, pink, white or mixed, each . . . . .	.05	" Victoria , a peculiar reddish bronze . . . . .	.10
Cyclamen persicum giganteum , neat little pot plants with beautiful foliage and rich colored orchid-like flowers (20 seeds) . . . . .	.15	" Menlo Park , an extra fine mixture of giant-flowered Pansies . . . . .	.25
Dahlia , though not generally known, this favorite bulb may be had in the greatest variety from seed . . . . .	.10	" mixed , of good quality . . . . .	.05
Daisy , charming little plants for shady locations, mixed . . . . .	.10	Petunia , "Giants of California," the largest flowering variety; fringed and ruffled; marvels of beauty (200 seeds) . . . . .	.25
Digitalis , blossoms are thimble-shaped in every shade of color . . . . .	.05	" ordinary , mixed . . . . .	.05
Eschscholtzia or California Poppy , well-known favorites, mixed . . . . .	.05		
" collections of ten distinct colors, on packet of each . . . . .	.40		
Ferns , saved from the choicest greenhouse varieties . . . . .	.15		

FLOWER SEEDS FOR FALL SOWING—Continued

	PACKET		PACKET
Poppy, Danebrog , brilliant scarlet, with a silver spot on each petal	\$0.05	Schizanthus , or Butterfly Flower , all colors mixed	\$0.05
“ Flag of Truce , large satin-white flowers . . . . .	.10	Smilax , well-known climber, much used by florists and for house decoration . . . . .	.05
“ Iceland , comprise a wide range of colors; deliciously fragrant . . . . .	.10	Spergula pilifera , an excellent and lasting substitute for grass in cemetery plots; of a pleasant green color and delicate texture; retains its verdure in the driest and hottest localities . . . . .	.25
“ Shirley , of a silky texture and brilliant delicate colors, veined, streaked and flaked in charming confusion . . . . .	.05	Stocks, Giant Perfection , all colors mixed . . . . .	.10
“ Sunset Mixture , unsurpassed for magnificent colors . . . . .	.05	“ collections of twelve distinct colors . . . . .	.50
Primrose, Chinese Fringed , all colors mixed (100 seeds) . . . . .	.15	Sweet Peas . See preceding pages for full list.	
Pyrethrum, Golden Feather , bright golden yellow foliage, for edging . . . . .	.05	Sweet William , fine old-fashioned flower . . . . .	.05
Romneya Coulteri , the Great White Poppy of California; flowers 4 to 5 inches across, pure white with yellow stamens, and have a delicate primrose perfume; hard to germinate, the seed often lying dormant for months . . . . .	.10	Tecoma Smithii , produces large heads of flowers of a rich lemon flushed with dark orange; sometimes bears a hundred flowers on a stem (15 seeds) . . . . .	.30
Rudbeckia Californica , or Black Eyed Susan , handsome yellow flowers with intense black centre . . . . .	.10	Verbena, Mammoth-flowered , all colors mixed . . . . .	.15
Saintpaulia ionantha , a veritable jewel from Central Africa, and undoubtedly one of the most valuable of recent introductions; the tiny plants form a flat rosette of deep green, hairy leaves, crowned by beautiful deep blue flowers bearing a close resemblance in form as well as color to the common violet . . . . .	.25	“ ordinary , mixed . . . . .	.05
Salvia splendens , intense scarlet flowers . . . . .	.10	Vinca , or Periwinkle , good plants for cemetery use, with glossy foliage and bright little flowers . . . . .	.05
Scabiosa , or Pincushion Flower , dwarf double mixed . . . . .	.05	Violet , saved from our own magnificent collection . . . . .	.05
		“ collection of six distinct varieties . . . . .	.50
		Wallflower , fine old favorites, prized for their delicious fragrance . . . . .	.05
		“ collection of eight distinct varieties . . . . .	.50
		Zinnia, Curled and Crested , much preferable to the old variety, the petals being twisted and crinkled in a most peculiar manner . . . . .	.10

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. Packet, 10 cents, 3 for 25 cents.

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 for \$2.

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 1,500 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, shrubbery 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.		
Bowler'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.		

Vegetable Seeds



Will be mailed free to any address at packet and ounce rates. At pound rates, 10 cents per pound must be added to cover postage.

For description of varieties, see our GENERAL SEED CATALOGUE, published in December, and mailed free to all customers and others on application.

 All Vegetable Seeds in this list can be had in five-cent packets.

ARTICHOKE	oz.	LB.		
Large green globe	\$0.15	\$1.50		
ASPARAGUS				
Conover's Colossal . . . . .	.10	.40		
Palmetto . . . . .	.10	.50		
ASPARAGUS ROOTS				
Ready in December; price on application.				
BEANS (green podded)	LB.	100 LBS.		
Best of All	\$0.10	\$6.00		
China Red Eye . . . . .	.10	5.00		
Emperor William . . . . .	.10	7.00		
Low's Champion . . . . .	.10	5.00		
Mohawk . . . . .	.10	4.00		
Refugee . . . . .	.10	3.50		
Six Weeks . . . . .	.10	4.00		
Valentine . . . . .	.10	3.50		
BEANS (Wax podded)				
Crystal White Wax . . . . .	.10	5.00		
Golden Wax . . . . .	.10	4.00		
Roger's Wax . . . . .	.10	6.00		
Wardwell's Kidney . . . . .	.10	5.00		
Yosemite Mammoth . . . . .	.10	7.00		
BEEF	oz.	LB.		
Columbia Blood Turnip	\$0.10	\$0.50		
Eclipse . . . . .	.10	.40		
Egyptian . . . . .	.10	.40		
BRUSSELS SPROUTS				
Matchless . . . . .	.20	2.00		
CABBAGE				
Autumn King . . . . .	.20	2.00		
Drumhead Savoy . . . . .	.20	2.00		
Early Jersey Wakefield . . . . .	.20	2.00		
Holland . . . . .	.25	2.50		
Improved Summer . . . . .	.15	1.50		
Premium Flat Dutch . . . . .	.20	2.00		
Winigstadt . . . . .	.15	1.50		
CARROT				
Danver's Half Long . . . . .	.10	.50		
French Forcing . . . . .	.10	.60		
Long Orange . . . . .	.10	.40		
White Belgian . . . . .	.10	.30		
CAULIFLOWER				
Early London . . . . .	.40	3.50		
Early Snowball	1.00			
Late Algiers . . . . .	.50	5.00		
CORN SALAD				
Large Seeded . . . . .	.10	.60		
ENDIVE				
Broad Leaved . . . . .	.10	.80		
Green Curled . . . . .	.10	.90		
KALE				
Dwarf Green Curled . . . . .	.10	.80		
KOHLRABI				
White Vienna . . . . .	.20	2.00		
LEEK				
American Flag . . . . .	.15	1.50		
LETTUCE	oz.	LB.		
Alaska	\$0.20	\$1.50		
Curled Simpson . . . . .	.15	1.00		
Deacon . . . . .	.20	1.50		
Denver Market . . . . .	.15	1.00		
Grand Rapids . . . . .	.15	1.00		
Improved Hanson . . . . .	.15	1.00		
Paris White Cos . . . . .	.15	1.00		
Prizehead . . . . .	.15	1.00		
Tennis Ball . . . . .	.15	1.00		
White Cabbage . . . . .	.15	.75		
ONION				
Extra Early Red . . . . .	.15	1.00		
Prizetaker . . . . .	.20	1.50		
Wethersfield, Large Red . . . . .	.15	.90		
White Portugal . . . . .	.20	1.25		
Yellow Danvers . . . . .	.15	.80		
ONION SETS				
Yellow . . . . .		.20		
If by mail, add 10 cents per lb. for postage.				
PARSLEY				
Extra Double Curled . . . . .	.10	.80		
PEAS	LB.	100 LBS.		
Advance	\$0.10	\$6.00		
American Wonder . . . . .	.10	5.00		
Blue Beauty . . . . .	.10	4.00		
Champion of England . . . . .	.10	5.00		
First and Best . . . . .	.10	4.00		
Little Gem . . . . .	.10	4.00		
Pride of the Market . . . . .	.10	7.00		
Stratagem . . . . .	.10	6.00		
Telephone . . . . .	.10	5.00		
Yorkshire Hero . . . . .	.10	5.00		
RADISH				
California Mammoth White . . . . .	.10	.40		
Chartier . . . . .	.10	.40		
French Breakfast . . . . .	.10	.35		
Long Scarlet . . . . .	.10	.35		
Scarlet Turnip . . . . .	.10	.35		
White Strasburg . . . . .	.10	.40		
SALSIFY				
Mammoth Sandwich Island . . . . .	.10	.75		
SPINACH				
Long Standing . . . . .	.10	.30		
Prickly . . . . .	.10	.25		
TOMATO				
Beauty . . . . .	.20	2.00		
Ignotum . . . . .	.25	2.50		
Long Keeper . . . . .	.30	3.00		
Stone . . . . .	.25	2.50		
Trophy . . . . .	.20	2.00		
TURNIP	oz.	LB.		
Golden Ball	\$0.10	\$0.50		
Purple Top Strap Leaf . . . . .	.10	.40		
Red Top Globe . . . . .	.10	.50		
White Top Strap Leaf . . . . .	.10	.40		
Yellow Stone . . . . .	.10	.50		
RUTA BAGA TURNIP				
Improved American . . . . .	.10	.50		

Mushroom Spawn

If interested in this crop, an excellent book to have is "Mushroom Culture," by W. Robinson, which will be sent free by mail for 50 cents.

English Spawn.—In bricks, per lb., by mail, 30 cents ; 7 lbs. per express, not paid, \$1.00.

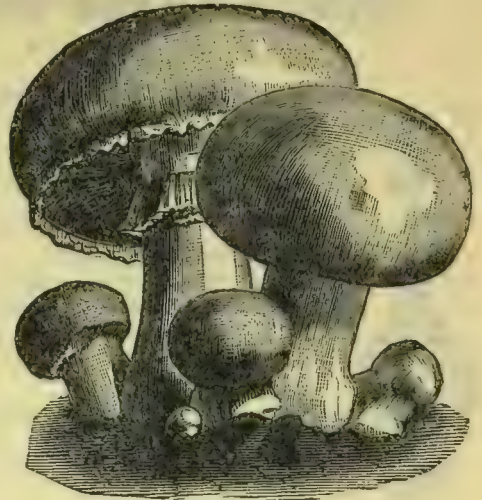
French Spawn.—Per lb. by mail, 50 cents ; 3-lb. boxes, per express, not paid, \$1.25.



HOW TO MAKE A 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, 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 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 pounds 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 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, 30 cents per pound. 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.



MUSHROOMS

Grasses

	LB.
Blue Grass, Fancy Kentucky	\$0.25
Orchard Grass . . . . .	.20
Red Top, absolutely clean . . . . .	.15
Rye Grass, Australian . . . . .	.15
" " Italian . . . . .	.15
Timothy, fancy grade . . . . .	.10

Clovers

	LB.
Alfalfa, choice Utah	\$0.10
Alsike . . . . .	.20
Crimson Clover . . . . .	.10
Red Clover . . . . .	.15
" " Mammoth Pea Vine . . . . .	.20
White Clover . . . . .	.30



Insecticides

Fir Tree Oil Soap.—A useful article to have, as by its use you can keep plants free from insects, dogs free from fleas, 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.

Grape Dust.—A non-poisonous powder for the remedy of mildew and rot on grapes, gooseberries, roses, etc. Per 5-lb. package, 50 cents. Cannot be sent by mail.

Hellebore 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 pound, 20 cents. If by mail, 15 cents extra.

Slug-Shot.—A cheap, popular and effective insecticide, easily applied, and not injurious or dangerous to animals. 5-lb. package, 50 cents. Cannot be sent by mail.

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



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, 15 cents per lb. extra. In bulk, in quantities of 10 lbs. and over, 10 cents per lb.

Miscellaneous Horticultural Requisites



POWDER BELLOWS

- EACH.
- Bellows, Powder, large size. \$2.00
 - “ “ small size. 1.00
 - “ Spraying, for fluids. 2.00
 - Forks, Digging, 4-prong80
 - “ “ 5-prong1.00
 - Garden Lines, braided, 100ft. .75
 - Grafting Wax, ¼-lb. package, 15 cents; ½-lb. package, 25 cents; 1-lb. package, 40 cents.
- (Postage on grafting wax, 15 cents per pound extra.)

- Hoes, Draw, 6, 7 and 8-in. blades50
- Hose, Rubber, (prices include couplings.)
- Standard, ¾-in. 3-ply, per 50 feet \$4.50

- Hose, Bay State, ¾-in. 3-ply, per 50 feet . 6.00
 - “ Bull Dog, “ 7-ply, “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, Boston, best of all50
- Knives, Budding, Ivory handled1.10
- “ Pruning, Best English1.00
- Lawn Mowers, California Clipper, 12-in . . 4.00
- “ “ “ 14-in5.00

- Labels, wooden, painted . . . Per 100 Per 1000
- Pot or Garden, 4 inch \$0.15 \$1.25
- “ “ 5 inch20 1.50
- “ “ 6 inch25 1.75
- “ “ 8 inch \$0.50
- “ “ 12 inch70

- Tree or Plant, copper wired, 3½ inch . . . \$1 75
- “ “ notched, 6 inch 2.00

- Mole Trap, “Model.”
- Moss, for florists' use, 10 cents per pound; \$7.00 per 100 pounds.

- EACH.
- Pencils, Wolff's Indellible \$0.10
 - Plant Sprinklers, Rubber 1.25
 - Plant Stakes, round, tapering, painted green.

- | | PER DOZ. | 100 |
|------------------|----------|--------|
| 2 feet | \$0.30 | \$2.00 |
| 3 feet | .75 | 6.00 |
| 4 feet | 1.00 | 7.00 |
| 5 feet | 1.25 | 9.00 |
| 6 feet | 1.50 | 10.00 |

- Unpainted, made from Redwood, 5 feet long, 1 inch square40 2.50
- Raffia, for tying plants; superior to twine. 25 cents per pound, 5 pounds for \$1.00.
- Rakes, steel garden, handled, each 40 to 65 cents.
- Shears, Pruning, solid steel \$1.25
- “ Sheep, for trimming grass 1.00
- Shovels, best cast steel 1.00
- Spades, best quality, square point, long or short handle 1.00
- Syringes, solid brass—

- No. H, 18 inches long, 1 spray rose . . . 2.25
- No. 3, 18 inches long, 1 stream and two spray roses 5.50
- No. 4, 18 inches long, 1 stream and two spray roses 6.00
- No. 5, 18 inches long, 1 stream and two spray roses 6.00
- No. 10, 18 inches 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 \$0.50
- Watering Pots, French model, galvanized iron, 6qt. \$1.50; 8 qt. 2.00
- Weeders, Excelsior. . 0.15
- “ Lang's. One of the best of this class .25



PLANT SPRINKLER

“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 eighteen inches high and finish rows from six to eighteen inches apart at one passage. Price complete, \$7.00.

Fire Fly 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.

Trees and Plants



Offerings in this department are confined to such stock as will be in demand early in the planting season. We charge, for packing, actual cost of same. In ordering please state whether SUBSTITUTION will be permitted, as, when not instructed to the contrary, we shall feel at liberty to substitute similar sorts.

Customers will please remember that we receive many orders daily during our busy season, so that at times several days may elapse before an order is filled. We assure our patrons, however, of the promptest possible service.

Pot-grown and boxed plants can be shipped at any season, but "balled" stock, deciduous trees, shrubs and plants from open ground should reach the dormant state before being dug. Such stock is usually ready from November on.

Desirable Hardy Evergreen Trees and Shrubs

Acacias

Good for sidewalk planting and beautifying of gardens; never attaining great size; of fairly rapid growth. Acacias bloom in early spring. The flowers of nearly all the varieties are some shade of yellow, and delightfully fragrant. **All pot-grown plants.**



Acacia dealbata. Flowers lemon-yellow; very free bloomer; foliage feathery, dark green on top, whitish underneath. 3 to 4 feet, 50 cents each.

Acacia longissima floribunda. Flowers bright yellow, produced in great quantities; leaves long and narrow. 3 to 4 feet, 35 cents each.

Acacia lophantha. Flowers white; foliage feathery; thrives in the most desolate places. 3 to 4 feet, 40 cents each.

Acacia melanoxylon. Flowers yellow; leaves olive-leaf shape. One of the most extensively planted varieties in this State. 4 to 6 feet, 50 cents each; 6 to 8 feet, \$1 each.

Acacia mollissima. Flowers canary-yellow; foliage feathery. 3 to 4 feet, 50 cents each.

Araucarias

Araucaria Bidwelli. This tree attains very large size, but is mediumly slow in growth. It sends up one straight leader from which grow horizontal branches, at regular distances, clothed with sharp spines, lightish green in color. Highly ornamental; pot grown. 1½ to 2 feet, \$2 each.

Araucaria excelsa (Norfolk Island Pine). Grows somewhat like the preceding; the foliage is not so prickly, nor is the tree as hardy. Much used for house decoration; pot grown. 1½ to 2 feet, \$3.00 each; 2 to 3 feet, \$4.00 each.

Araucaria imbricata (Monkey Puzzle). Well known; of stately growth, horizontal prickly branches, dark green in color; balled. 15 to 18 inches, \$3.00 each; 1½ to 2 feet, \$4.00 each.

Arbutus Unedo (Strawberry Tree)

This bears deliciously flavored fruit, resembling in shape and color the fruit of the strawberry; pot grown. 3 to 4 feet, 75 cents each.

Aucubas

Aucuba japonica (Gold Dust Tree). So called as the large, glossy leaves are marked with yellow spots; of shrubby growth; balled. 2 to 3 feet, 75 cents each.

Aucuba viridis latifolia. Similar to preceding, except that leaves are not spotted yellow; pot grown. 2 to 3 feet, 75 cents each.

Azaleas

Evergreen shrubs of great value when in bloom, either for decoration or bouquets. The flowers (both single and double), which are borne freely, include every color and every shade of color; pot grown. 1½ feet, \$1.50 each.

Berberries

Berry, aquifolia. Highly ornamental shrub; leaves large purplish green, shining and prickly; flowers yellow, succeeded by bluish berries; boxed. 2 to 3 feet, \$1.50 each.

Blue Gum. See Eucalyptus.

Box, Dwarf

This is the plant used so much for edgings; open ground. 8 to 12 inches. 25 cents each, \$1.50 per 10.

California Bay or Laurel

Known also as California Sassafras. The tree attains very large dimensions, but is of slow growth. The leaves emit a strong fragrance; balled. 2 to 3 feet, 50 cents each.

California Big Tree

Balled. 2 to 3 feet, \$2.00 each.

California Nutmeg

This tree produces seeds resembling in shape a nutmeg; the spines are sharp, and dark green in color; of slow growth; pot grown. 10 inches, \$1.00 each.

Camellia Japonica

Known to many as "Japonicas." The leaves are stiff, and dark green in color. The flowers are shaped like a rose, but without fragrance, and are of a wax-like appearance; they bloom early in spring. Japanese varieties, double white, double pink, double red; pot grown. 1½ to 2 feet, 75 cents each.

Camphor Tree

Bright, shining green foliage; its young growth a most beautiful shade of tawny red. From this tree camphor is obtained by distillation; pot grown. 2 to 3 feet, 50 cents each.

Casuarina

This is a rapid-growing Australian tree, peculiarly adapted for planting on the seashore, and in alkaline soils; in appearance like a pine; pot grown. 2 to 3 feet, 40 cents each.



CHAMÆROPS EXCELSA (JAPAN FAN PALM).
(See under head of Palms.)

Cedar, Indian or Deodar

The handsomest of this class. It attains large size, and is of fairly rapid growth. The needles are sea-green in color, and the branches are pendulous; balled. 4 to 6 feet, \$5.00 each.

Choisya Ternata (Mexican Orange Flower)

A shrub with beautiful glossy foliage; flowers deliciously fragrant; blooms in early spring; balled. 1 to 1½ feet, 50 cents each.

Cypress

Cypress, Italian. Tall, tapering, conical; much used for working into designs; balled. 2 to 3 feet, 35 cents each; 3 to 4 feet, 50 cents each.

Cypress, Lawson. A desirable California variety; branches drooping, feathery and slender; color sea green; balled. 2 feet, 50 cents each.

Cypress, Monterey. Our well-known native variety; extensively planted for windbreaks and hedges; pot grown. 2 to 2½ feet, 25 cents each, \$2.00 per 10; transplanted in boxes; 1 to 1½ feet, \$2.50 per 100.

Daphnes

This shrub has dark, glossy green leaves; they produce in early spring small sweet-smelling flowers; a great favorite; balled.

White Flowering. 2 to 2½ feet, \$2.00 each.

Pink Flowering. 2 to 2½ feet, \$2.00 each.

Diosma (Breath of Heaven)

This sweet-smelling little shrub is a general favorite; it produces small white flowers, which, as well as the foliage, are deliciously fragrant; pot grown. 1 to 1½ feet, 30 cents each.

Eucalyptus, or Gum Tree

Is known to all; of rapid growth.

Eucalyptus ficifolia. Flowers scarlet; leaves thick, leathery in appearance. In most localities in California it needs protection until old enough to withstand frost; pot grown, 2 feet, 50 cents each.

Eucalyptus globulus (Blue Gum). Transplanted in boxes, 1 to 1½ feet, \$2.50 per 100; pot grown, 1½ to 2 feet, 20 cents each, \$1.50 per 10; pot grown, 4 to 5 feet, 35 cents each, \$2.50 per 10.

Eucalyptus robusta. A strong, tall-growing, hardy variety; pot grown, 3 to 4 feet, 30 cents each, \$2.50 per 10.

Eucalyptus rostrata (Red Gum), pot grown, 3 to 4 feet, 30 cents each, \$2.50 per 10.

Euonymus, Golden

A medium sized growing shrub, having beautiful golden-yellow foliage, no flowers. Excellent hedges can be made from this variety; balled, 2 to 3 feet, 35 cents each, \$3.00 per 10.

Fabiana Imbricata

A very pretty *heath-like* shrub of erect growth, producing pure white, tube-shaped flowers in wonderful profusion; pot grown, 1 to 1½ feet, 30 cents each.

Grevillea Robusta

A magnificent tree for decorative purposes, grown either as a pot plant or in the open; it has orange-colored flowers, and the foliage is fern-like; pot grown, 3 to 4 feet, 50 cents each; boxed, 8 to 9 feet, \$1.50 each.

Holly, English

Prickly, dark green foliage, covered during winter months with red berries; balled, 1½ to 2 feet, \$1.00 each.

Laurel, English

Highly ornamental shrub, never attaining very large growth; they grow dense and fairly rapidly. They produce long panicles of white flowers, which add greatly to their beauty; balled, 3 to 4 feet, 50 cents each.

Laurustinus

The well-known handsome winter flowering shrub; the flowers come in bunches, and are pink, gradually changing to pure white, well adapted for hedges; pot grown, 1 foot, 15 cents each, \$1.00 per 10; balled, 1½ to 2 feet, 25 cents each.

Libocedrus Decurrens (Yellow or Incense Cedar)

A noble native of our Golden State, somewhat resembling in growth the famous "Big Tree"; balled, 2 to 3 feet, \$1.00 each.

Ligustrum Japonicum (Japan Privet)

Foliage dark and glossy; flowers white, succeeded by purplish blue berries. Excellent for hedges, or for lawn or avenue planting; balled, 4 to 5 feet, 60 cents each.

Loquat, Common

Leaves large, crumpled, glossy olive-green; produces sweet, delicious fruit, ripening in early spring; balled, 3 to 4 feet, 50 cents each.

Magnolia Grandiflora

Pot grown, 1½ to 2 feet, 50 cents each; 3 to 4 feet, 75 cents each.

Myrtle, Common

An old-fashioned, sweet-smelling, small-growing shrub; balled, 2 feet, 35 cents each.

Oak, Cork

The cork of commerce is obtained from this tree; highly ornamental; balled, 2 to 3 feet, 75 cents each.

Oleander

Very free flowering shrubs; we offer the double white and double pink; pot grown, 1½ to 2 feet, 50 cents each.

Pepper Tree

The well-known shade tree of our streets; it grows very rapidly; the foliage is feathery, drooping and glossy. The large clusters of red berries add greatly to its beauty; pot grown, 4 to 5 feet, 50 cents each; boxed, 6 to 8 feet, \$1.25 each.

Pine, Monterey

Transplanted in boxes (of 100 each), 10 to 12 inches, \$4.00 per 100; balled, 2 to 3 feet, 60 cents each, \$5.00 per 10.

Pittosporum Nigricans

Leaves wavy, shining light green color; growth upright and conical; excellent hedge plant; pot grown, 1 to 1½ feet, 30 cents each.

Redwood

Pot grown, 1½ ft., 35c each; balled, 4 to 5 feet, \$1.00 each.

Sequoia

See California Big Tree and Redwood.

Spruce

A very desirable class of elegant, upright-growing trees. As single specimens, much admired, and for large plantings, unequaled.

Norway.—Balled, 3 to 4 feet, 75 cents each; 4 to 5 feet, \$1.00 each.

White.—Balled, 3 to 4 feet, \$1.00 each; 4 to 5 feet, \$1.50 each.

Swainsonia

Acacia-like foliage, produces flowers (which are pea-flower shaped) in wonderful profusion, and for a very long time. Pot grown, white and pink, 25 cents each.



KENTIA FOSTERIANA.
(See under head of Palms.)

Veronica Andersonii

Flowers bluish purple, spike-shaped, very abundant for a long period. Unsurpassed for bleak or exposed situations. Balled, 2 feet, 50 cents each. We also offer a variegated-leaved variety of the preceding, same size and price.

Yew, Irish

Deep blackish green foliage; very erect growth. Much used in cemetery planting. Balled, 4 to 6 feet, \$3.00 each.

Native California Trees

For description and price, see preceding pages.

California Big Tree
California Bay or Laurel
California Nutmeg
Cypress, Lawson

Cypress, Monterey
Libocedrus decurrens (Yellow or Incense Cedar.)
Pine, Monterey.
Redwood

Desirable Deciduous Trees and Shrubs

Most of these being well known, and as our space is limited in this catalogue, we omit description. *All are from open ground.*

Almond, Double Red and Double White, 4 to 5 feet, 50 cents each.

Beech, European, 5 to 6 feet, 75 cents each.

Beech, Purple Leaved, 4 to 6 feet, \$1.50 each.

Birch, European, White, 4 to 6 feet, 50 cents each.

Birch, Purple Leaved, 4 to 6 feet, 50 cents each.

Blackberry, Large Double Flowering White, 2 to 3 feet, 50 cents each.

Broom, Spanish, 4 to 5 feet, 50 cents each.

Broom, Scotch, 2 to 3 feet, 30 cents each.

Butternut, 3 to 4 feet, 35 cents each.

Calycanthus floridus, 3 feet, 50 cents each.

Catalpa Bungei (Umbrella Catalpa), 6 feet, 75 cents each.

Catalpa Speciosa, 8 to 10 feet, 50 cents each.

Coral Plant, 40 cents each.

Deutzia, assorted, 4 to 5 feet, 35 cents each.

Elm, Cork Bark, 6 to 8 feet, 40 cents each; 8 to 10 feet, 50 cents each.

Elm, English or French, 8 to 10 feet, 50 cents each.

Elm, Huntingdon, 8 to 10 feet, 50 cents each.

Hawthorn, Double White, 4 to 6 feet, 50 cents each.

Hawthorn, Paul's Double Scarlet, 4 to 6 feet, 50 cents each; 6 to 8 feet, 75 cents each.

Hawthorn, Single Scarlet, 4 to 6 feet, 50 cents each.

Hawthorn, Single White, 4 to 6 feet, 35 cents each.

Horse Chestnut, White Flowering, 4 to 6 feet, 50 cents each.

Hydrangea, Large Panicled, White Flowered, 1½ to 2 feet, 25 cents each; 2 to 3 feet, 35 cents each.

Laburnum, Golden Chain, 4 to 6 feet, 35 cents each.

Lemon Verbena, 2 to 3 feet, 35 cents each.

Lilac, Persian, 4 to 6 feet, 40 cents each.

Lilac, Purple, 3 to 4 feet, 25 cents each; 4 to 6 feet, 35 cents each.

Lilac, White, 3 to 4 feet, 40 cents each.

Linden, American, 8 to 10 feet, 75 cents each.

Linden, European, 8 to 10 feet, 60 cents each.

Locust, Thornless, 8 to 10 feet, 50 cents each.

Locust, Pink Flowering, 8 to 10 feet, 50 cents each.

Locust, Rose Flowering, 4 to 6 feet, 50 cents each.

Maiden Hair Tree, 4 to 6 feet, 50 cents each.

Maple, Silver, 8 to 10 feet, 40 cents each.

Maple, Weir's Cut Leaved, 4 to 6 feet, 50 cents each.

Mock Orange, or Syringa, 3 to 4 feet, 35 cents each.

Mountain Ash, European (Rowan Tree), 6 to 8 feet, 50 cents each.

Paulownia Imperialis, 6 to 8 feet, 50 cents each.

Peach, Flowering, Double White and Double Red, 4 to 6 feet, 50 cents each.

Plum, Purple Leaved, 5 to 6 feet, 40 cents each.

Poplar, Carolina, 6 to 8 feet, 30 cents each; \$2.50 per 10.

Poplar, Lombardy, 6 to 8 feet, 30 cents each; \$2.50 per 10.

Privet, Common; excellent for hedges; 4 to 5 feet, 10 cents each; 75 cents per 10; \$6.00 per 100.

Quince, Japan Flowering, Scarlet and White, 4 to 6 feet, 50 cents each.

Rhus Cotinus, (Smoke Tree), 5 to 7 feet, 30 cents each.

Snowball, 3 to 4 feet, 50 cents each.

Spiræa, Double White, 4 to 5 feet, 25 cents each.

Sycamore, European, 8 to 10 feet, 50 cents each.

Taxodium distichum (Deciduous Cypress), 4 to 5 feet, 50 cents each.

Texas Umbrella Tree, 4 to 5 feet, 50 cents each; 5 to 6 feet, 60 cents each; 6 to 7 feet, 70 cents each.

Walnut, American Black, 6 to 8 feet, 35 cents each.

Willow, Golden, 3 to 4 feet, 25 cents each.

Weigelia, Rose Colored and White, 3 to 4 feet, 40 cents each.

Xanthoceras Sorbifolia, 4 to 6 feet, 75 cents each.

Deciduous Weeping Trees

Elm, Camperdown, 6 to 8 feet, \$1.00 each.

Laburnum, 6 to 8 feet, \$1.50 each.

Mountain Ash, 4 to 5 feet, 75 cents each.

Mulberry, Tea's, 6 to 8 feet, \$1.50 each.

Willow, Common, 6 to 8 feet, 35 cents each.

Willow, New American, 5 to 6 feet, \$1.00 each.

Willow, Ring Leaved, 8 to 10 feet, 50 cents each.

Desirable Vines and Climbers

Akebia quinata, pot grown, 40 cents each.
Ampelopsis quinquefolia (Virginia Creeper), pot grown, strong, 35 cents each.
Ampelopsis Veitchii (Boston or Japan Ivy), pot grown, strong, 25 cents each.
Bignonia grandiflora (Trumpet Vine), open ground, 35 cents each.
Clematis. Good assortment. Pot grown. 75 cents each.
Clianthus puniceus. Pot grown. 25 cents each.
Honeysuckle, Belgian and Japan, open ground, 25 cents each.
Ivy, English, pot grown, 50 cents each.
Ivy, Variegated, pot grown, 25, 35 and 50 cents each.
Jasmine, Catalanian, pot grown, 50 cents each.
Jasmine, Nudiflorum, open ground, 35 cents each.

Jasmine, Poeticum, open ground, 35 cents each.
Madeira Vine, open ground, 10 cents each.
Mandevilla Suaveolens (Chili Jasmine). Very sweet, pure white flowers, pot grown, 35 and 50 cents each.
Passion Vine, Blue, Flesh colored and White flowered, pot grown, 25 cents each.
Plumbago Capensis, Flowers lavender colored, pot grown, 35 cents each.
Roses, see Rose List.
Solanum jasminoides (Potato Vine), pot grown, 25 cents each.
Wistaria.—These beautiful Japanese climbers we recommend for general planting. The long, grape-like clusters of flowers, sometimes 1½ to 2 feet long, borne very profusely, appear in early spring, and are truly a grand sight. The following sorts, Double Purple, Single Purple and Single White, open ground, 50 cents each

Dracænas, Bamboos, Etc.

Agave, American, the well-known Century Plant, pot grown, 25 and 50 cents each.
Agave, variegated, pot grown, 50 cents each.
Arundo donax, variegated, open ground, 50 and 75 cents each.

Bamboo

Falcata, balled, 4 to 6 feet, \$1.00 each.
Metake, balled, 4 to 6 feet, 75 cents each.
Viridis Striata, balled, 4 to 6 feet, \$1.00 each.
Dasyliirion longifolium, balled, \$1.00 and \$1.50 each.

Dracænas

Australis, balled, 5 to 6 feet, \$1.50 each.
Fosterii, balled, 3 to 4 feet, \$1.50 each.
Indivisa, pot grown, 2 feet, 50 cents each.

Pampas Grass

Large clumps, 50 cents each

Phormium (New Zealand Flax)

6-inch pots, 50 cents each.

Yucca

Baccata, balled, 1 to 1½ feet, 50 cents each.
Whipplei, balled, 1 to 1½ feet, 50 cents each

Palms

Areca Baueri (House Palm), 5-inch pots, 75 cents each.
California Fan Palm (Hardy Palm), 1½ to 2 feet, 50 cents each; 2 to 3 feet, \$1.00 each; 3 to 4 feet, \$1.50 each; 4 to 5 feet, \$2.00 each; all balled.

Chamærops (Hardy Palms)

Chamærops Excelsa, Japan Fan Palm, 4-inch pots, 25 cts. each (by mail for 30 cts. each, postage paid by us); balled, 2 to 3½ feet, \$1.00 each.
Chamærops Humilis, dwarf-growing variety, very fine, balled, 1 foot, \$1.00 each; 1½ feet, \$1.50 each.
Chamærops Nepalensis, superb sort, of stiff habit, pot grown, 1½ feet, 75 cents each.
Corypha Australis (House Palm), 4 inch pots, 50 cents each.
Cycas Revoluta (Sago Palm). We have a fine lot of these from \$1.50 to \$5.00 each.
Date Palm, see Phoenix.

Erythea edulis (Guadaloupe Island Palm), (Hardy Palm.) The finest of the fan-leaved shaped variety, 6-inch pots, \$1.00 each; balled, 2 feet, \$1.00 each.

Kentia (House Palm)

Favorite for house culture; well furnished with gracefully recurved feather-shaped leaves.
Kentia Belmoreana, 3-inch pots, 40 cents each; 5-inch pots, \$1.00 each.
Kentia Fosteriana, 3-inch pots, 40 cents each.
Latania Borbonica (House Palm), 5-inch pots, \$1.00 each.
Phœnix Canariensis (Hardy Date Palm), 3-inch pots, 20 cents each; 4-inch pots, 25 cents each; balled, 2 to 3 feet, \$2.00 each.
Pritchardia. See California Fan Palm.
Sago Palm, see Cycas.
Washingtonia Sonora (Hardy Palm), balled, 2 to 3 feet, \$1.50 each.

Insect Powder Distributor, or Dry Powder Sprayer

The application of Paris Green and other poisons, mixed either in water or plaster, is laborious and expensive, and often unsatisfactory on account of uneven distribution, being in many places put on so strong that injury to the plant follows. By the use of this Insect Powder Distributor, this difficulty is overcome as the insecticide is distributed so evenly and so effectively that it is hardly perceptible on the plants. A man walking at an easy gait can, with this distributor, easily do an acre in thirty or forty minutes. Full directions for use on each machine. Knowing that it is a good thing, to introduce it we will send it, PREPAID TO ANY ADDRESS FOR \$5, and if unsatisfactory it may be returned, and money will be refunded, less cost of returning.



SUNSET ROSE

Mme. Welch, pale yellow, orange centre.
 Marie Guillot, white, tinged yellow.
 Marie Lambert, pale flesh.
 Marie Van Houtte, white, tinged yellow, bordered
 rose.
 Mrs. Jessie Fremont, white.
 Narcisse, lemon yellow, tinted rose.

ROSES

NOTE—Will not be ready to ship until there has been sufficient rain to enable us to dig.

Price, *strong* field-grown plants, 25 cents each, \$2.50 per dozen.
 Please state if we can substitute, if necessary. Standard or
 "Tree" Roses, \$1.00 each.

Tea or Ever Blooming

Amazone, yellow.
 Annie Cook, delicate pink.
 Belle Lyonnaise, lemon yellow.
 Bon Silene, deep rose.
 Bridesmaid, clear bright pink.
 Catherine Mermet, clear shining pink.
 Comtesse de Frigneuse, canary yellow.
 Comtesse Julie Hunyadi, yellow tinged rose.
 Cornelia Cook, creamy white.
 Devonensis, creamy white, rosy centre.
 Devonensis, Climbing, similar to preceding, and a strong rapid
 grower.
 Dr. Grill, coppery yellow tinged rose.
 Duchesse de Brabant, soft silvery blush.
 Duchess of Edinburgh, deep rosy crimson.
 Elize Sauvage, yellowish white.
 General Mertchansky, rosy flesh.
 Gloire de Dijon, fawn, tinted salmon.
 Golden Gate, rich creamy white.
 Gold of Ophir, salmon and fawn.
 Grace Darling, rose, shaded crimson.
 Homer, rosy pink.
 Hon; Edith Gifford, flesh color, tinted rose.
 Isabella Sprunt, sulphur yellow.
 La Nankeen, creamy white, shaded orange.
 La Nuance, blush, tinged fawn.
 Luciole, carmine rose, tinged yellow.
 Mme. C. Guinosseau, golden yellow.
 Mme. C. Jaubert, yellow.
 Mme. de Watteville, yellow, tinged carmine and edged crimson.
 Mme. Falcot, nankeen yellow.
 Mme. Hoste, canary yellow.
 Mme. L. Poitzeau, orange yellow.
 Mme. Margottin, citron yellow.
 Mme. Pauline Labonte, salmon rose.
 Niphotos, pure white.
 Niphotos, Climbing, a climbing sort of the preced-
 ing.
 Papa Gontier, brilliant carmine.
 Perle des Jardins, deep yellow.
 Perle des Jardins, Climbing, a climbing sort of the
 preceding.

TEA OR EVER-BLOOMING ROSES—Continued

President, rosy crimson.
 Rainbow, pink, splashed crimson.
 Reine Marie Henriette, clear cherry red, good climber.
 Safrano, buff, shaded yellow.
 Shirley Hibbard, nankeen yellow.
 Souvenir de Lady Ashburton, rich coppery red.
 Souvenir d' Espagne, coppery yellow, shaded rose.
 Souvenir de Wootton, red; one of the best red teas.

Souvenir d'un Ami, clear rose.
 Sunset, rich golden yellow.
 The Bride, ivory white.
 The Queen, pure white.
 Triomphe de Luxembourg, buff rose.
 Valle de Chamonix, coppery yellow, shaded rosy blush.
 Waban, bright pink.
 White Bon Silene, creamy white.
 W. F. Bennett, brilliant crimson.

Hybrid Tea Roses

Augustine Guinosseau (White LaFrance), white, with faint rose tint.
 Cheshunt Hybrid, red, shaded violet, good climber.
 Duchess of Albany (Red La France), deep pink.
 La France, silvery pink.
 Mme. A. Veyssey (Striped La France), striped and shaded white.
 Mme. Caroline Testout, brilliant satiny rose.
 Meteor, rich velvety crimson.
 Mrs. W. C. Whitney, clear deep pink.
 Reine Olga de Wurtemberg, brilliant scarlet red.
 White Lady, creamy white.

Hybrid Perpetual Roses

Do not bloom so continuously as the two foregoing classes, but are superior in color and fragrance.

Alfred Colomb, carmine crimson.
 American Beauty, brilliant pink, shaded carmine.
 Anna Alexieff, superb rosy pink.
 Anna de Diesbach, brilliant pink.
 Baroness Rothschild, light rose, shaded pink.
 Black Prince, dark crimson, shaded black.
 Captain Christy, delicate flesh color, rosy centre.
 Captain Christy, Climbing, a climbing sort of the preceding.
 Cardinal Patrizzi, dark velvety crimson.
 Dinsmore, deep crimson.
 Duke of Edinburgh, vermillion.
 Earl Dufferin, rich crimson, shaded maroon.
 Empereur de Maroc, rich, deep velvety maroon.
 Empress of India, dark brownish crimson.
 General Jacqueminot, brilliant crimson.
 Gloire de Margottin, dazzling red.
 Gloire Lyonnaise, creamy white, yellowish centre.
 Glory of Waltham, brilliant crimson, fiery red centre.
 Lady Helen Stewart, bright crimson.
 Mabel Morrison, flesh color, changing to white.
 Mme. Alfred Carriere, rich, creamy white.
 Mme. Gabriel Luizet, glistening pink.
 Marchioness of Lorne, rose, carmine centre.
 Margaret Dickson, white, pale flesh centre.
 Marshall P. Wilder, cherry carmine.
 Mrs. John Laing, perhaps one of the loveliest pink roses ever introduced.

Paul Neyron, deep rose.
 Prince Camille de Rohan, deep velvety crimson.
 Senator Vaisse, carmine crimson.
 Ulrich Bruner, cherry red.
 Vick's Caprice, satiny pink, striped and splashed white and carmine.
 Xavier Olibo, scarlet, shaded black.

Moss Roses.

Captain John Ingraham, dark velvety purple.
 Glory of Mosses, pale rose.

James Veitch, violet, shaded crimson.
 White Bath, white.

Noisette or Champney Roses.

All strong growers, thus making excellent climbers.

Aimee Vibert, pure white.
 Celine Forestier, pale yellow.
 Claire Carnot, saffron yellow.
 Cloth of Gold, deep yellow.
 Lamarque, pure white.

L' Ideal, coppery rose; most unique.
 Marechal Niel, deep golden yellow.
 Reeve d'Or, buff yellow.
 W. A. Richardson, orange yellow.

Bourbon Roses.

Bertha Clavel, creamy white, rose centre; continuous bloomers.
 Hermosa, bright rose.

Hermosa, Climbing.
 Mrs. Bosanquet, pale flesh color.
 Souvenir de la Malmaison, flesh color.



AUGUSTINE GUINOSSEAU.

Polyantha Roses, or Baby Roses.

Of dwarf habit, flowers small and in clusters.

Annie Marie de Montravel, pure white.
 Clothilde Soupert, pinkish amber.
 Crimson Rambler, bright crimson.

Etoile d'Or, pale yellow, centre rich red.
 M'lle Cecile Bruner, salmon pink.
 Perle d'Or, nankeen yellow.

Austrian Roses.

The duration of bloom is short; colors most unique.

Austrian Copper, yellow and red flowers on same bush.

Harrison's Yellow, golden yellow.
 Persian Yellow, bright yellow.

Banksia Roses.

These bloom during spring months only; are strong, rapid growers.

Banksia, white.
 Banksia, yellow.

Beauty of Glazenwood (San Rafael Rose), yellowish orange, bronze tinge.

Japan, or Rugosa Roses.

Remarkable for their dense, dark green foliage, and the purity of color of the flowers.

Rugosa alba, single white.

Rugosa alba plena, double white.

Rugosa rubra, deep rose, tinged violet.

Miscellaneous Roses.

Agrippina (Bengal), rich dark crimson.
 Cherokee, Single, white.
 Coupe d'Hebe (Bengal), beautiful rose color.
 James Sprunt (Bengal), rich crimson.
 Musk Fringed, white.

Provence, rose color.
 Rosa Mundi (Gallica), white, striped with pink.
 Sweet Brier, foliage sweetly scented.
 Wichuriana, or Memorial Rose, pure white.

Climbing Roses.

For the convenience of our patrons we here enumerate, together, all the climbing roses; the description of each will be found in their respective classes.

[NOTE.—H. P. means Hybrid Perpetual.]

Banksia, white (*Banksia*).
 " yellow "
 Beauty of Glazenwood (*Banksia*).
 Celine Forestier (*Noisette*).
 Captain Christy, Climbing (*H. P.*)
 Cherokee, Single (*Miscellaneous*).
 Cheshunt Hybrid (*H. T.*)
 Claire Carnot (*Noisette*).
 Cloth of Gold "
 Crimson Rambler (*Polyantha*).
 Devoniensis, Climbing (*Tea*).
 Gloire de Dijon "
 Gloire de Margottin (*H. P.*)

Glory of Cheshunt (*H. P.*)
 Glory of Waltham "
 Hermosa, Climbing (*Bourbon*).
 James Sprunt (*Miscellaneous*).
 Lamarque (*Noisette*).
 L' Ideal "
 Marechal Niel "
 Niphetos, Climbing (*Tea*).
 Perle des Jardins, Climbing (*Tea*).
 Reine Marie Henriette "
 Reeve d'Or (*Noisette*).
 W. A. Richardson (*Noisette*).
 Wichuriana (*Miscellaneous*).

List of Rose Novelties will appear in our General Plant Catalogue, which will be circulated about Christmas, in which will be included list and prices of Carnations and Chrysanthemums.

MISCELLANEOUS PLANTS



CANNA.

- Abutilon, assorted, 25 cents each.
- Armeria (Sea Pink or Thrift), 15 cents each.
- Aspidistra lurida, 5-inch pots, 50 cents each.
- Banana, Abyssinian, 3 to 4 feet, \$1.25 each.
- Canaigre (new tanning plant), 10 cents per pound (if by mail add 8 cents per pound), \$6.00 per 100 pounds.
- Canna, French sorts, 25 cents each.
- Fuchsia, assorted, 25 cents each, smaller plants ready later.
- Geranium, " 25 " " " " " " "
- Heliotrope, " 25 " " " " " " "
- Hollyhock, 5-inch pots, 25 cents each.
- Maiden Hair Fern, 5-inch pots, 40 cents each.
- Marguerite, white and yellow, 25 cents each, smaller plants ready later.
- Pæonia, Herbaceous, assorted, 30 cents each.
- Pæonia, Tree, assorted, \$1.00 each.
- Violets, assorted, including The California, 10 cents each, 75 cents per dozen. If by mail, add 10 cents per dozen for postage.

Fruits, Nuts and Berries



Apples

Bismarck (New).—Price, 4 to 6 feet, 75 cents each. Bears fruit on two-year-old grafts. Finest quality, finest color; dwarf and extremely prolific. Most suitable apple for a hot climate, yet the hardiest known. Introduced from New Zealand.

Price of the following varieties, 4 to 6 feet, 25 cents each; \$2.00 per 10.

Summer Varieties.—American Summer Pearmain, Early Harvest, Gravenstein, Red Astrachan, Sweet June.

Autumn Varieties.—Alexander, Fall Pippin, Golden Russet, Hoover, King of Tompkins Co., Red Bietigheimer, Rhode Island Greening.

Winter Varieties.—Arkansas Black, Baldwin, Esopus Spitzenberg, Lawver, Northern Spy, Smith's Cider, Sweet Cider, White Winter Pearmain, Winesap, Yellow Bellflower, Yellow Newton Pippin.

Crab Apples.—Hyslop, Red Siberian, Transcendant, Yellow Siberian.

Pears

Price, on pear root, 4 to 6 feet, 25 cents each; \$2.00 per 10.

Summer Varieties.—Bartlett, Beurre Giffard, Clapp's, Favorite, Jargonelle, Lawson or Comet, Madeline.

Autumn Varieties.—Beurre, Bosc, Beurre Clairgeau, Beurre d'Anjou, Beurre Diel, Beurre Hardy, Dana's Hovey, Idaho, Kieffer's Hybrid, Seckel.

Winter Varieties.—Easter Beurre, Forelle or Trout, Glout Morceau, P. Barry, Winter Nelis.

Pear on Quince Root.—Price, 3 to 5 feet, 25 cents each; \$2.00 per 10: Bartlett, Beurre Diel, Easter Beurre, P. Barry, Seckel, Winter Nelis.

Cherries

Lambert (New), 4 to 5 feet, 35 cents each. A regular and heavy bearer, of large size and good quality; the color is a deep rich red, flesh firm, flavor unsurpassed. Ripens two weeks later than Napoleon Bigarreau.

Price of the following varieties, 4 to 6 feet, 25 cents each; \$2.00 per 10: Bing, Black Tartarian, California Advance, Centennial, Early Purple Guigne, English Morello, Governor Wood, Great Bigarreau, Lewelling, May Duke, Napoleon Bigarreau (Royal Ann), Olivet.

Plums

Wickson and Tennant (New).—Price, 4 to 6 feet, 35 cents each.

Price of the following varieties on Myrobolan root, 4 to 6 feet, 25 cents each; \$2.00 per 10: Bradshaw, Burbank, Cherry Plum, Clyman, Damson, Duane's Purple, Early Golden Drop, Greengage, Imperial Gage, Kelsey Japan, Peach Plum, Quackenboss, Royal Hative, Simon, Satsuma, Washington, Yellow Egg.

Prunes

Giant (New).—Price, 4 to 6 feet, 35 cents each; \$3.00 per 10. Each fruit averages 1½ to 2 ounces in weight, is very sweet and fine in texture. The flesh is honey yellow, the skin dark crimson upon a yellow ground. Tree a strong grower and immense croper.

Imperiale Epineuse (thorny).—Price, 3 to 5 feet, on Myrobolan root, 35 cents each; \$3.00 per 10. Undoubtedly the finest Prune of the regular drying class yet introduced in this State. It is large and uniform in size, very sweet and of high flavor; the skin is thin and of a reddish purple when green; when dried, coal black. It is from this variety the dried prune coming to this country in fancy packages, labeled, "Imperiale" is made. As a fresh fruit it cannot be surpassed. The tree is a regular and heavy bearer, and is a strong, stocky, rapid grower.

Price of the following varieties on Myrobolan root, 4 to 6 feet, 25 cents each; \$2.00 per 10: Bulgarian, German, Golden, French, Robe de Sargent, Silver, Tragedy.

Peaches

Triumph (New).—Price, 4 to 6 feet, 35 cents each; \$3.00 per 10. Earliest *Yellow* freestone known, ripens same time as Alexander (a white peach). The fruit is large, small pit, skin yellow, nearly covered with red, dark crimson in the sun; flesh light yellow, and of excellent flavor. The tree blooms late, and is a sure and abundant bearer.

Price of the following varieties, 4 to 6 feet, 25 cents each; \$2.00 per 10. (Ripening nearly in order named.)

Freestone Varieties.—Briggs' May, Alexander, Governor Garland, Yellow St. John, Imperial, Hale's Early, Strawberry, Foster, Early Crawford, Mary's Choice, Morris White, Wheatland, Newhall, Late Crawford, Muir, Susquehanna, Picquet's Late, Salway.

Clingstone Varieties.—Tuscan, Blood, Chinese, Lemon, Sellers, Golden, Runyon's Orange, Nichol's Orange, McKeivitt's, California, Heath, Phillips', McDevitt's, Henrietta.

Apricots

Price on peach root, 4 to 5 feet, 25 cents each; \$2.00 per 10. Blenheim, Early Moorpark, Hemskirk, Large Early Montgamet, Luizet, Moorpark, Newcastle, Peach, Royal, Spark's Mammoth, St. Ambrose. The following varieties we can supply on Myrobolan root: Blenheim, Hemskirk, Moorpark, Royal.

Nectarines

Price, 4 to 6 feet, 25 cents each; \$2.00 per 10. Advance, Boston, Early Newington, Golden, Humboldt, Lord Napier, New White, Victoria.

Quinces

Price, 4 to 5 feet, 25 cents each; \$2.00 per 10. Apple or Orange, Champion, Portugal, Rea's Mammoth.

Figs

Price, 4 to 5 feet, 50 cents each. Brunswick, California Black, Early Violet, Monaco Bianco, Ronde Noir, San Pedro, White Ischia, White Smyrna, White Adriatic.

Almonds

Price, 4 to 6 feet, 25 cents each, \$2.00 per 10. Commercial, Drake's Seedling, I. X. L., Languedoc, La Prima, Lewelling, Ne Plus Ultra, Nonpareil, Paper Shell, Sultana.

Chestnuts

American Sweet, 3 to 4 feet, 50 cents each. Italian or Spanish, 4 to 6 feet, 40 cents each; Japan Mammoth, *grafted*, 3 to 4 feet, 50 cents each. The following grafted sorts, 4 to 6 feet, 50 cents each: Early Maron, Maron de Lyon, Maron Combale, Noir Hative, Numbo.

Filberts

Price, 4 to 6 feet, 50 cents each. Cosford Nut, Dwarf Prolific, Macrocarpa, Nottingham Prolific, Prolific Cob, Purple-Leaved.

Pecan

Price, 4 to 6 feet; 50 cents each.

Pistachio Nut

Price, 3 to 4 feet, 50 cents each.

Walnuts

American Black, 6 to 8 feet, 35 cents each.
California Black, 6 to 8 feet, 35 cents each.
English, 4 to 6 feet, 35 cents each.
Præparturien, 4 to 6 feet, 50 cents each.
Santa Barbara Soft Shell, 4 to 6 feet, 30 cents each.
 The following varieties, grafted on English, 4 to 6 feet, 50 cents each: A. Bijou, Chaberte, Franquette, Vourey.

Oranges and Lemons

Oranges. Price, balled, 4 to 5 feet, \$1.50 each. Joppa, Maltese Blood, Mandarin, Med, Sweet, Valencia Late, Washington Navel.
Lemons. Price, balled, 4 to 5 feet, \$1.50 each. Eureka, Lisbon, Villa Franca.

Pomelos (Grape Fruit)

Price, balled, 3 to 5 feet, \$1.50 each.

Limes

Mexican, pot grown, 1 foot, 35 cents each.

Persimmons

Japanese, grafted, 3 to 4 feet, 35 cents each.

Pomegranates

Price, 3 to 4 feet, 35 cents each. Sweet Fruited and Subacid.

Carob

Price, 3-inch pots, 1 foot, \$1.00 each.

Hovenia Dulcis

Price, 4 to 6 feet, 50 cents each

Loquats

Large Fruited, balled, 3 to 4 feet, 75 cents each. Seedlings, balled, 3 to 4 feet, 50 cents each.

Medlar

Nottingham, 50 cents each.

Mulberries

Downing's Everbearing, 4 to 6 feet, 50 cents each. Lick's American, 4 to 6 feet, 75 cents each. Persian, 3 to 5 feet, 75 cents each

Olives

Price, 4 to 6 feet, 50 cents each, \$4.00 per 10. Columella, Macrocarpa, Manzanillo, Mission, Nevadillo, Blanco, Polymorpha, Oblonga, Regalis, Rubra, Uvaria.

Grape Vines

Foreign Varieties. Price, 20 cents each, \$1.00 per 10. Black Ferrara, Black Morocco, California or Mission, Cornichon, Flame Tokay, Muscat of Alexandria, Muscat Hamburg, Rose of Peru, Sultana, Thompson's Seedless, White Sweetwater, Zante, Zinfandel.
American Varieties. Price, 25 cents each. Catawba, Concord, Delaware, Isabella, Moore's Early, Pocklington, The Pierce, Worden, Wyoming Red.

SMALL FRUITS

Currants

Price, 1 year, 10 cents each, 75 cents per 10.
 Black Grape, Cherry, Fay's Prolific, Gondoin Red, White Dutch, White Grape.

Gooseberries

Berkeley, 1 year, 15 cents each; \$1.00 per 10.
 Champion, 1 " 15 " " \$1.00 " 10.
 Downing, 1 " 20 " " \$1.50 " 10.
 Houghton, 1 " 20 " " \$1.50 " 10.

Blackberries

Price, 10 cents each; 50 cents per 10. Crandall's Early, Early Harvest, Evergreen, Kittatiny, Lawton, Wilson Junior.

Dewberry (Lucretia)

15 cents each, \$1.00 per 10.

Parties desiring larger lots than quoted above, will please state quantity required. We will then make special prices.

While we aim to have all our fruit trees true to name, and hold ourselves ready, on proper proof, to replace, free of charge, all stock that may prove untrue to label, or to refund amount originally paid by the customer, it is mutually understood and agreed between the purchaser and ourselves that our guarantee of genuineness shall not make us liable for any sum greater than that originally paid us for such stock as may prove untrue.

Raspberries

Red Varieties. Price, 10 cents each; 50 cents per 10. Cuthbert, Hansell, Herstine, Marlboro, Thompson's Early.
Yellow Varieties. Price, 15 cents each; \$1.00 per 10. Carolina, Golden Queen, Yellow Antwerp.
Black Cap Varieties. Price, 15 cents each; \$1.00 per 10. Gregg, Mammoth Cluster, Ohio.

The Logan Berry

(Strawberry Raspberry).

Price, 30 cents each; 35 cents each if by mail.

Japan Wineberry

Price, 20 cents each; if by mail, 25 cents each.

Strawberries

Price, 50 cents per 10; \$2.00 per 100. Captain Jack, Longworth's Prolific, Parker Earle, Saunders, Sharpless, Wm. Parry, Wilson's Albany.

DISTANCES FOR PLANTING

Standard Apples 20 to 25 ft. apart each way	Apricots 25 to 30 ft. apart each way
Standard Pears 20 to 25 " " "	Grapes 7 to 10 " " "
Strong-growing Cherries . 20 to 25 " " "	Currants and Gooseberries 4 by 6.
Duke and Morello Cherries 18 to 20 " " "	Raspberries and Blackberries . . . 3 to 4 by 5 to 7.
Standard Plums and Prunes 18 to 20 " " "	Strawberries for field culture . . . 1 to 1½ by 4 to 5.
Peaches and Nectarines . 18 to 20 " " "	Strawberries for garden culture . . . 1 to 2 ft. apart.

NUMBER OF TREES OR PLANTS ON AN ACRE AT GIVEN DISTANCES APART

DISTANCE APART EACH WAY.	NUMBER OF PLANTS		DISTANCE APART EACH WAY.	NUMBER OF PLANTS	
	Square Method.	Equilateral Triangle Method.		Square Method.	Equilateral Triangle Method.
1 foot	43,560	50,300	14 feet	222	256
2 feet	10,890	12,575	15 "	193	222
3 "	4,840	5,889	16 "	170	195
4 "	2,722	3,130	18 "	134	154
5 "	1,742	2,011	20 "	109	125
6 "	1,210	1,397	22 "	90	104
7 "	807	928	24 "	75	86
8 "	680	785	25 "	69	79
9 "	537	620	30 "	48	55
10 "	435	502	35 "	35	40
12 "	302	348	40 "	27	31

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

RULE—Equilateral Triangle Method.—Divide the number required to the acre "square method" by the decimal .866. The result will be the number of plants required to the acre by this method.

SPECIAL

Things Needed about the Home

FOR POULTRY

To go by Mail (Prepaid by Us)

Anti-Vermin Marbles, for use in nests to prevent and destroy vermin Per box, 25c.
Buhach, Insect Powder 4-oz. tins, 25c.; 8-oz., 40c.; 1 lb., 75c.
Croley's Roup Pills. A tonic pill good in all diseases Per box, 50c.
Poultry Markers. Small size for chicks; large for adult fowls Each, 25c.
Re-tested Incubator Thermometers. All glass, or wood-mounted Each, \$1.00

BOOKS ON POULTRY

Croley's Egg Record. For one year's record. Simple and useful Each, 10c.; per doz., \$1.00
American Standard of Perfection (American Poultry Association) \$1.00
Philosophy of Judging Fowls (companion to above) \$1.00
Pratt's Poultry Pointers. A book of ready reference 50c.

To go by Express (Purchaser to Pay Charges)

Buhach 1-lb. tins, 75c.; 6-lb. tins, \$3.00
California Insect Powder Per lb., 50c.
Persian Insect Powder " 50c.
Croley's California Poultry Remedy Small size, each, 50c.; large size, \$1.00
" **Egg Food** 1-lb. tins, 25c.; 2-lb., 40c.; 5-lb., 75c.; 10-lb., \$1.50
" **Meat Meal**. "A" quality, 25-lb. bags, \$1.00; 50-lb. bags, \$2.00. "B" quality, 25-lb. bags, 75c.;
50-lb., \$1.25.
" **Small Chick Mixture** Per lb., 5c.; 25 lbs., \$1.15; 50 lbs., \$2.10; 100 lbs., \$4.00
" **Hen Teeth**. Three sizes. Fine for chicks. Medium and coarse (half size of corn), 2½-lb.
package, 10c.; 10-lb., 30c.; 25-lb., 65c.
Kill-'em-off. Unexcelled vermin exterminator. A liquid to be diluted with 100 parts water. Trial size,
25c.; 1-quart can, 50c.; 1-gal., \$1.50.
Pratt's Poultry Food. Makes poultry healthy, profitable and prolific. 26-oz. package, 25c.; 5-lb., 60c.
Fisher Tin Egg Tester, with lamp complete \$1.50
Perfection Clover Cutter. Cuts alfalfa, clover or grass for fowl \$3.00

To go by Freight (Purchaser Pays Charges)

Pure Raw Bone Meal (nearly as fine as flour). Per 100-lb. bag, \$2.50. Granulated (half size of corn),
per 100-lb. bag, \$2.50.
Sea Shells Bags contain 80 to 100 lbs., each, 50c.; 10 bags, \$3.00; 20 bags, \$5.00

FOR PIGEONS

By Mail (We Pay Postage)

No. 6 Pills, for drooping and weak pigeons Per box, 50c.
No. 10 Pills, for going light pigeons " 50c.

By Express (Purchaser Pays Charges)

Salt Cat. For confined pigeons, to supply natural requirements 2-lb. brick, 50c.

FOR DOGS

By Mail (We Pay Postage)

THE ANGLO-AMERICAN REMEDIES—GUARANTEED TO CURE

Distemper Capsules Per box, 50c.	Eye Wash Tablets Per box, 50c.
Tonic Condition Capsules " 50c.	Canker Wash Tablets " 50c.
Cure for Fits Capsules " 50c.	Mange Cure (paste) Per tin, 50c.
Worm Capsules " 50c.	Kennel Salve " 25c.
Blood Purifying Capsules " 50c.	Dog Soap Per cake, 25c.
Diarrhoea Capsules " 50c.	

By Express (Purchaser Pays Charges)

Kenneline. Liniment for rheumatism, sprains, etc. Per bottle, 50c.

To obtain in above goods THE GENUINE ARTICLE, order of

SUNSET SEED AND PLANT CO.

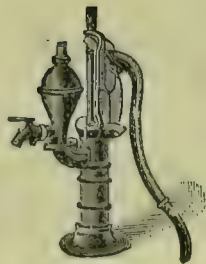
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Our Galvanized Gem Steel Wind Mills

with ball-bearing turn-tables and divided boxes, have no equal in design and construction, and are warranted to be the best wind motors in the world. Money refunded if they are not satisfactory and strictly as represented.

We also carry the largest stock of



PUMPS IN AMERICA

Pumps for Hand and Wind Mill, Pumps for Gas or Steam Engines, Electric Motors, or other power conveyed by belt or cable, Spraying Pumps, Triplex Pumps, Centrifugal Pumps, Rotary Pumps, Wine Pumps, and many others.

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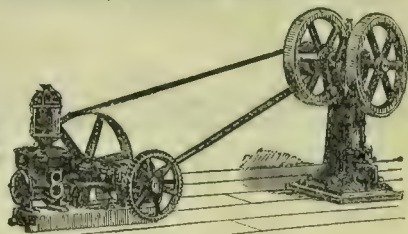
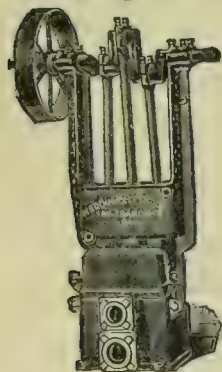
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TO NURSERYMEN AND FLORISTS

W. W. MONTAGUE & CO.

MAKE A..... GREENHOUSE HEATING
SPECIALTY OF

THE FURMAN BOILER is extensively used by florists in warming greenhouses, on account of the mild and agreeable heat it produces, combined with great economy of fuel in running.

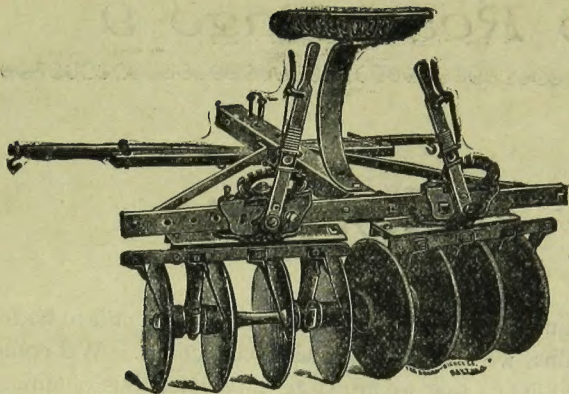
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HEADQUARTERS FOR HEATING APPARATUS OF ALL KINDS

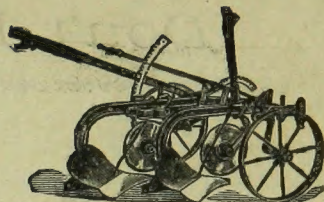
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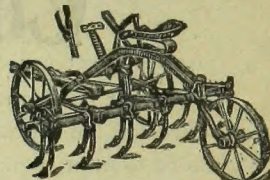
SAN FRANCISCO



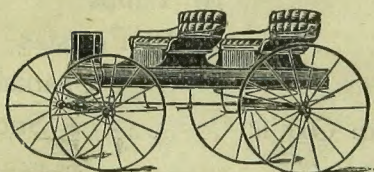
FAMOUS REVERSIBLE DISC HARROW
4 FT., 5 FT., 6 FT.



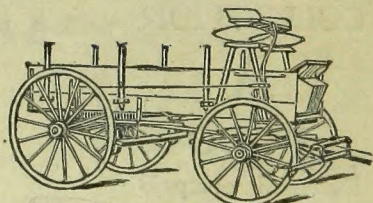
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CANTON ORCHARD CULTIVATOR
NEWEST, LATEST, BEST



No. 19 1/2 DANDY WAGON



RUSHFORD FARM WAGON

HOOKER & CO.

16 and 18 DRUMM STREET
SAN FRANCISCO

Mention this Catalogue. Send for our Vehicle and Implement Catalogues.

On the KLONDIKE

Send for our publication. It will interest you if any friends are in ALASKA, or expecting to go there. Will be ready for delivery by October 10, 1897.

Send at same time for our own publication, the **HOME CIRCLE**, a book of 44 pages, which goes free to everybody who cares to send for it or ask for it. Lots of information in it that you would be glad to have and pay for.

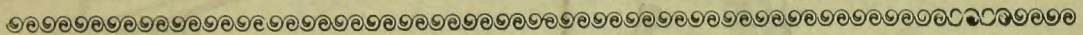
Our Store

Is known east and west, north and south. Ten to twenty tons is our usual output on each boat sailing for Hong Kong and Asiatic ports.

Leaders in Klondike goods and seamen's outfits. Evaporated Vegetables, Evaporated Fruits, Heavy Clothing, Miners' Blankets, Footwear and Mining Tools. Direct your friends our way and save them money.

SMITHS'
CASH STORE
Market St. Ferry, S. F., Cal.

Don't Fail to Read Page 9



Challenge Collections

For the convenience of purchasers unacquainted with the most desirable sorts, and to better introduce our fall specialties in the line of Bulbs, we offer the following collections. We could not afford to offer such values were it not for the fact that we are large importers, thus obtaining the goods at first cost.

COLLECTION

A

\$1.00

By mail postpaid

3 Hyacinths

6 Narcissus

10 Crocuses

6 Buttercup Oxalis

10 Tulips

10 Freesias

6 Spanish Iris

6 Snowdrops

COLLECTION

B

\$2.00

By mail postpaid

4 Hyacinths

10 Narcissus

10 Crocuses

10 Snowdrops

10 Ixias

1 St. Joseph Lily

10 Tulips

10 Freesias

10 Buttercup Oxalis

10 Spanish Iris

5 Jonquils

10 Gladioli

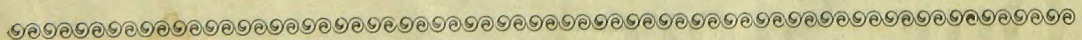
COLLECTION

C

\$2.50

Comprises both above collections, and is only sent by express at purchaser's expense.

As the season advances, some slight alterations may be necessary on account of stocks becoming exhausted, but in all cases the value substituted will equal or exceed the others.



A FAVOR TO YOUR FRIENDS

If you will kindly send us the full name and address of as many of your friends as you can think of who have gardens and buy seeds and plants from time to time. This will insure their receiving our Catalogue of All Garden Supplies.

SUNSET SEED AND PLANT CO.

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