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62,08

# GERMAIN SEED CO.

SEEDS AND PLANTS

1908  
L.P.  
U.S. Department of Agriculture  
Washington, D.C.



326-330 S. MAIN ST.  
LOS ANGELES, CALIFORNIA

**TO OUR PATRONS:**

Time flies. We are now entering into our thirty-seventh year, each year showing a gain over the previous one in volume of business. Our long experience catering to the public so successfully is sufficient testimony to the value of our seeds, part of which are grown under our own supervision. The balance are procured from the most reliable growers in climates especially adapted for their maturity and vitality. In this way we are in a strong position to supply our customers with fresh, pure and vigorous seeds of high germinating power, and of unsurpassed quality.

We extend our thanks to our patrons for their support in the past and hope we will continue to be favored with their patronage.

With best wishes to all for a prosperous year, we remain,

**GERMAIN SEED CO.**

**CASH WITH ORDER.** Please let remittance accompany your order. This will save us a great deal of extra work during the busy season. Express or Postal Money orders are preferable. Two cent postage stamps will answer for small amounts.

We guarantee safe delivery and will refill orders lost through the mails providing the name and address is **plainly written**. Please write plain, full name and address, as if package goes astray on that account, we cannot possibly refill it free of charge.

**All Seeds** are mailed free of charge, excepting peas, beans, corn, grass, clover, and miscellaneous forage plants. If ordered by mail, add ten cents per pound extra for postage.

**MARKET GARDENERS, or other larger planters, requiring large quantities of seeds than are here offered are invited to write for SPECIAL PRICES and name VARIETIES and QUANTITIES they want.**

**PLANT DEPARTMENT.** We carry a large stock of deciduous and ornamental trees and shrubs, fruit trees, etc. Please order early as stocks are rather short this season.

**All transportation charges are to be paid by purchaser. We send no plants c. o. d.**

**NON WARRANTY.** Our stock is all grown by experienced men, and great care is taken to have everything true to name, but we wish it distinctly understood that we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they must be at once returned and the money sent for them will be refunded.

**POULTRY SUPPLIES.**

We are the largest dealers in the West in Poultry Supplies, Stock Foods, Incubators and Brooders, and carry nothing but the best. If interested, write for our Poultry Catalogue.



Eugène Germain

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AE

# Germain Seed Company

326-30 South Main Street  
Los Angeles, California, U. S. A.

## GENERAL LIST OF HIGH-GRADE SEEDS 1908

Remember, we pay postage on all seeds except mangels, peas, beans, corn, grass seeds, and miscellaneous fodder plants. If any of these are ordered by mail, add 10 cts. per pound extra for postage.

### VEGETABLE SEEDS — General List

#### ARTICHOKE

Alcachofa Artichoke Artichaut

Sow the seed in beds and then transplant the young plants in hills 3 feet apart each way in rich soil.

**Large Green Globe.** The favorite garden variety. Pkt. 5 cts., oz. 30 cts., lb. \$3.50.

**Roots of Large Green Globe Artichoke.** Doz. \$1.50.

To save time and labor customers will find it to their advantage to plant roots instead of seeds.

**Jerusalem Artichoke Roots.** An excellent hog food, said to prevent cholera; produces enormous crops. Cultivate same as potatoes. Price on application.

#### ASPARAGUS

Esparago Spargel Asperge

Sow the seed in rows a foot apart. The soil for the permanent bed should be thoroughly manured and trenched to a depth of at least 2 feet. Plant the roots in rows 3 feet apart and 1 foot between the plants in the rows; spread the roots out well and let the crown of the plant be covered about 6 or 8 inches when established. Previous to sowing the seed soak in tepid water for 24 hours.

By planting 2-year-old roots a great deal of time and labor will be saved. See prices of roots at bottom of page.

**Palmetto.** The popular favorite with growers in California for shipping to the eastern markets. Superior to all varieties in flavor and size, more even and regular in growth, is less liable to Asparagus diseases, has yielded profitable crops where other kinds have failed. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Argenteuil.** The favorite in the Paris markets and exceedingly popular wherever grown in the United States. The stalks grow to an enormous size, cook tender, of delicious flavor. Pkt. 10 cts., oz. 20 cts., lb. \$1.50.

**Snowhead.** A tender, fine-flavored and productive variety, having the advantage over other kinds in that it does not discolor when exposed to the sun's rays. Large white stalks. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**Columbia, Mammoth, Barr's Mammoth and Conover's Colossal.** Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

#### ASPARAGUS ROOTS

Any of the above varieties, \$1 per 100, \$7.50 per 1,000. If ordered by mail, add 50 cts. per 100 for postage. Write for prices on quantities.



ARGENTEUIL

# BEANS

## DWARF OR BUSH

Frijoles Bohne Haricots Nains

If ordered by mail add 10 cts. per pound for postage.

One pound will sow 100 feet of drill; 40 pounds are required for an acre. They will thrive in any good soil. Plant the seed 2 inches deep and 2 inches apart, in rows 2 feet apart.

## DWARF OR SNAP, GREEN POD

**Extra-Early Refugee.** Very early, prolific; fine quality, and a great favorite for canning. Lb. 15 cts., 10 lbs. \$1.

**Long Yellow Six Weeks.** Very early and productive; one of the best market varieties; tender and of fine flavor. Lb. 15 cts., 10 lbs. \$1.

**Burpee's Stringless Green Pod.** An early-maturing, round, fleshy, podded variety of fine quality. Pods straight, brittle and entirely stringless. Lb. 15 cts., 10 lbs. \$1.25.

**Extra-Early Round Pod Red Valentine.** Extremely early, ripening in 35 days from planting; pods medium length, curved round, with crease in back; crisp and tender and of high quality. Lb. 20 cts.

**Canadian Wonder.** Handsome flat pods of great length and very tender. Hardly any variety can approach it in rich flavor and appearance. Lb. 15 cts., 10 lbs. \$1.

**Early Mohawk.** This sort is so much harder than the others that it can be planted earlier and often will furnish beans fit for use before any other kind. Lb. 15 cts., 10 lbs. \$1.

**Dwarf Horticultural.** Vine very productive, compact, upright, with large leaves. Pods medium length, cylindrical, curved with splashes of



BEANS, STRINGLESS GREEN POD.

bright red on a yellowish ground. They become fit for use as green shelled beans very early and are about equal to the Lima in quality. Lb. 15 cts., 10 lbs. \$1.

**Burpee's Bush Lima.** Splendid dwarf Lima; large and of excellent quality. Lb. 15 cts., 10 lbs. \$1.

**Henderson's Bush Lima.** A dwarf variety of the Sieva or Southern Lima; produces enormous crops. Lb. 15 cts., 10 lbs. \$1.

**English, or Broad Windsor.** The celebrated broad bean of England, growing on a strong stalk about two feet high; beans eaten shelled. Lb. 10 cts., 100 lbs. (price on application).

## WAX OR YELLOW-PODDED

**Refugee Wax.** A handsome, round-podded variety, extremely productive, bearing large, fleshy, wax-like pods of splendid quality. Lb. 20 cts.

**Pencil Pod Black Wax.** An improvement on the old Black Wax. Pods are long, tender, and of a fine, mild flavor. Lb. 20 cts.

**Round Pod Kidney Wax.** A luxuriant grower, bearing an abundance of long, straight, handsome pods of fine quality; stringless. Lb. 20 cts.

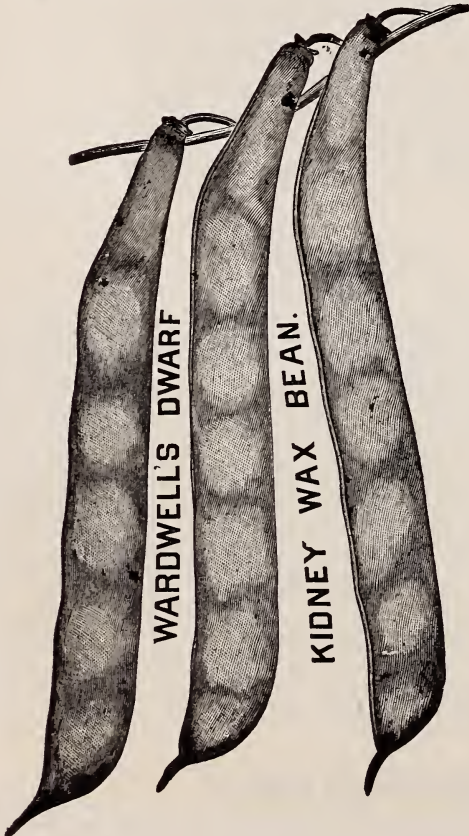
**Improved Golden Wax.** One of the best strains of Golden Wax. Hardier, more prolific, holds its pods up well, of better quality, pods longer, straighter and thicker than the original Golden Wax. Lb. 15 cts., 10 lbs. \$1.25.

**Improved Prolific Black Wax.** In every respect first-class; pods round, a beautiful bright yellow color, very early and continues long in bearing; handsome and immensely productive. Lb. 15 cts., 10 lbs. \$1.25.

**Davis Kidney Wax.** An entirely distinct sort, of fine flavor. Lb. 15 cts., 10 lbs. \$1.25.

**Wardwell's Kidney Wax.** Very productive; pods straight, flat, 5 inches in length, brittle, stringless, and of good flavor; greatly in demand for market use. Lb. 20 cts.

**Ventura Wonder Wax.** The pods are straight, often 9 inches long, oval, transparently white, entirely stringless and of the finest flavor; extremely hardy, very productive and one of the finest wax beans. Lb. 15 cts., 10 lbs. \$1.25.



Write for Special Quotations on Large Quantities.



## POLE OR RUNNING BEANS

Frijole de Bejuco Stangenbohne Haricots a Rames

If ordered by mail, add 10 cts. per pound for postage.

These varieties require a rich soil. Plant in well-measured hills, 3 feet apart each way, covering to a depth of 2 inches. In each hill set a pole 8 or 10 feet long, around which plant 5 or 6 beans and afterward thin out, leaving four strong, healthy plants to each hill. They may also be grown without pods, allowing the vines to run, planting in hills 4 feet apart.

**Early Golden Cluster Wax.** A well-known early and very beautiful sort. Vines large, strong-growing, vigorous, hardy; leaves large, light green, crimped; pods six to eight inches long, borne in abundant clusters, broad, thick and fleshy and of the very best quality. Lb. 15 cts.

**Kentucky Wonder Wax.** A novelty of recent introduction, possessing all the qualities of its green-pod namesake, which needs no further explanation. Lb. 20 cts.

**London Horticultural, or Speckled Cranberry.** Vines moderately vigorous, with large, light-colored leaves; pods short, broad, pale green, but becoming streaked with bright red as they mature; good either green or dry. Lb. 15 cts.

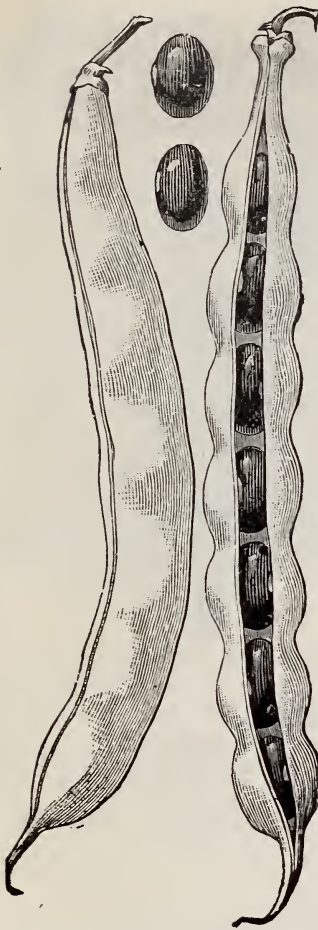
**Kentucky Wonder, or Old Homestead.** A vigorous grower and wonderfully productive. The pods, which hang in great clusters, are very long, tender, and of the finest flavor. One of the best pole beans in cultivation. Lb. 15 cts., 10 lbs. \$1.

**Creaseback.** Handsome green pods, 5 to 6 inches long, perfectly round, with creases in the back; hence the name. Early, exceedingly productive and of good quality. Lb. 15 cts., 10 lbs. \$1.25.

**Scarlet Runner.** Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality, either when shelled or in a dry state. Lb. 25 cts.

**King of the Garden Lima.** A vigorous grower, bearing profusely; large pods varying in length from 5 to 8 inches. The beans are large and of rich flavor. Lb. 15 cts., 10 lbs. \$1.

**Large Lima.** A standard variety, unsurpassed in quality as a green or dried shell-bean. Matures later than King of the Garden. Lb. 15 cts.



WAX POLE BEAN.

**Extra-Early Egyptian.** Very early and of dark blood-color; rather flat in shape. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Crosby's Egyptian.** Extra-early, round, dark red, with small top. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Extra-Early Eclipse.** Very early, round-rooted and dark red. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Edmund's Blood Turnip.** A market-gardener's strain, of great regularity in shape, deep blood skin and very dark flesh of best quality. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Bassano.** Early, flat, light color, fine quality. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Germain's Long Blood.** A splendid variety of fine flavor and of long, symmetrical shape. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Swiss Chard, or Silver.** This variety is cultivated for its leaf-stalks, which are served up much like asparagus, and for its leaves, cooked like spinach. Cut often, as new and more tender stalks will be produced. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

## BEETS

Remolacha Rothe Rueben Betterave

Sow as early in the spring as the ground can be worked. The soil should be light, sandy loam, well enriched with stable manure, and plowed and harrowed until very fine. Sow in drills 1 foot to 15 inches apart, and, when well up, thin from 4 to 6 inches. The young beets pulled out of the row are excellent used as spinach.



CROSBY'S EGYPTIAN BEET.

Write for Special Quotations on Large Quantities.

## STOCK BEETS

If ordered by mail, add 10 cts. per pound for postage.

Cultivated extensively for stock. Farmers and dairymen should not fail to plant a few acres of these valuable root crops either for their milch cows or fat stock. Select a deep, rich loam and manure well. Sow any time from the middle of November until April, in drills  $2\frac{1}{2}$  to 3 feet apart, and thin to 12 inches in the row. The long varieties prefer a light, sandy loam. The round varieties are best for planting on stiff soil. Sow 6 pounds to the acre.

**Giant Half Sugar Rose Mangel.** A distinct type of Beet, producing roots of enormous size of the highest feeding value. It is a cross between a mangel and sugar beet; olive shaped. Stands three-fourths out of the ground and is easily harvested; has yielded over fifty tons per acre. The flesh is white, solid and very sweet and gives a rich, pleasant flavor to dairy products when fed to milch cows. This is the heaviest cropping beet known and the most profitable to grow, all points considered, that we have ever tried. Lb. 30 cts., 10 lbs. \$2.

**Golden Tankard.** Rich yellow color, sweet flavor, and yields heavy crops of fine-shaped roots. One of the best milk-producing sorts. Lb. 20 cts., 10 lbs. \$1.50.

**Improved Mammoth Long Red.** Our stock is a great improvement on the old variety. The roots are very large, uniformly straight and well formed; color deep red; roots solid; tops small; produce an immense bulk and tonnage. Lb. 20 cts., 10 lbs. \$1.50.

**Champion Yellow Globe.** Its shape and yield makes it one of the best varieties that can be grown; easily harvested. Lb. 20 cts., 10 lbs. \$1.50.



VILMORINS IMP. SUGAR BEET.

## SUGAR BEETS FOR STOCK FEEDING

If ordered by mail, add 10 cts. per pound for postage.

**Lane's Improved Imperial.** It is probably more largely grown than any other Sugar Beet for feeding to stock. It will yield as much as mangel and contains a large per cent of sugar. Lb. 20 cts., 10 lbs. \$1.50.

**Vilmorin's Improved White.** A much improved variety of the White Silesian, extensively cultivated as a sugar-producing beet; very valuable. Lb. 20 cts., 10 lbs. \$1.50.

## BROCCOLI

Broccoli Spargelkohl Broccoli

**Purple Cape.** Produces fine heads of purplish-brown color. Pkt. 5 cts., oz. 35 cts., lb. \$3.

**White Cape.** Heads medium size, compact; of a creamy white color. Pkt. 5 cts., oz. 35 cts., lb. \$3.

## BRUSSELS SPROUTS

Berza de Bruselas Rosenkohl Chou de Bruxelles

Culture for Brussels Sprouts same as for Cauliflower.

**Half Dwarf Paris Market.** A half-dwarf sort, bearing handsome crops of round, hard sprouts of the finest quality. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

## CABBAGE

Repclo Kopfkohl Chou Pomme

The cabbage seed we offer is strictly first-class, none better, and our sales are increasing annually; we would especially call the attention of our patrons to our **superb strain of Winnigstadt**, the leading variety grown in this section. Growers are alive to the fact that quality in cabbage seed is of the utmost importance, as no satisfactory results can possibly be obtained when poor seed is planted.

Commence to sow the seed of the early varieties in August and each month following, until spring, for succession. Transplant as soon as large enough, to fresh, rich soil, in rows 2 feet apart and 18 inches apart in the rows. In planting Cabbage or cauliflower, care should be observed that the stem is set under ground as far as the first leaf. The ground should be well worked to produce good heads, and hoed as many as three times during the season, drawing the earth slightly about the stems. One ounce will produce 2,000 plants.

**Early Winnigstadt.** One of the best varieties for growing and shipping to Home and East-



EARLY WINNIGSTADT.

Write for Special Quotations on Large Quantities.



DANISH BALLHEAD.

**CABBAGE, Continued**

ern markets, being hardy and sure to head. Its compact and upright habit of growth and short, thick leaf, seem to serve as a barrier against disease and the ravages of insects. Growers practically exclude all other varieties in its favor. Heads regular, conical, very hard and of good size. Fine texture and sweet.

The seed we offer is first-class; no better at any price. Pkt. 5 cts., oz. 15 cts., lb. \$2.

**Selected Early Jersey Wakefield.** A favorite sort. Heads very compact, solid and of conical shape, few outside leaves. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Eureka.** A flat-headed Cabbage maturing as early as Jersey Wakefield. The heads are solid and of fine texture. Pkt. 10 cts., oz. 40 cts., lb. \$4.

**Improved Early Summer.** A superior second-early sort, produces large and solid heads of fine quality. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Henderson's Succession.** An excellent second early sort on style of All-Seasons. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Selected Late Flat Dutch.** A low-growing variety; heads large, bluish green, round, sound, solid, broad and flat on top; an excellent fall and winter variety and a good keeper. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Large Late Drumhead.** A standard winter Cabbage for main crop. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Red Drumhead.** Used for Pickling. Large, very solid, color deep red. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Drumhead Savoy.** Fine quality. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Danish Ball Head, or Holland.** The hardest round-headed variety in cultivation. The best for winter keeping. Pkt. 5 cts., oz. 15 cts., lb. \$2.

**Cabbage Plants.** We have a continuous supply of Cabbage plants almost the year round. By planting them, parties with small gardens will save time and labor. We offer healthy stock of Early Jersey Wakefield, Early Winnigstadt, Flat Dutch, etc., at 10 cts. per doz., 40 cts. per 100.

## CAULIFLOWER

Coliflor Blumenkohl Choufleur

The cultivation of Cauliflower is much the same as for cabbage. Sow the late kinds in this vicinity in May and the early kinds in June; transplant in rows 2½ ft. apart and 2 ft. between the plants, in soil that has previously been well enriched with stable manure. 1 oz. of seed will produce 2,000 plants.

**Germain's Dry Weather Cauliflower.** Admirably adapted for the arid regions of California and Arizona, in that it resists drought and excessive warm weather and matures a crop when other varieties fail. The heads are as large as Snowball and almost as early, solid pure white and of excellent quality. Pkt. 25 cts., oz. \$3.

**Half Early Paris, or Nonpareil.** One of the best and good for either early or late. Pkt. 5 cts., oz. 60 cts., lb. \$6.

**Henderson's Early Snowball.** A variety held in great estimation by market-gardeners for its earliness and reliability as a sure header, and pronounced superior to all others, being one of the earliest grown. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. Our stock is true and pure, no better obtainable. Pkt. 10 cts., large pkt. 25 cts., oz. \$2.

**Large Algiers.** A splendid late variety, eminently adapted for growing in Southern California; heads large, white, solid. One of the best for market-gardeners. Our stock is extra fancy. Pkt. 5 cts., oz. 75 cts., lb. \$12. To get the best results, plant in this vicinity in May.

**Veitch's Autumn Giant.** A large, late sort of robust habit; heads compact, large outer

leaves. Succeeds well in southern latitudes. Pkt. 5c., oz. 70 cts., lb. \$8.

**Cauliflower Plants.** Early Erfurt, Snowball and Large Algiers plants always on hand in the spring. Doz. 10 cts., 100 \$1, 1,000 \$7.



LARGE ALGIERS.

Write for Special Quotations on Large Quantities.



LONG ORANGE CARROT COMING INTO BLOOM.

## CARROTS

Zanahoria Mohre Carrotte

The carrot is one of the most wholesome and nutritious of our garden roots deserving to be more extensively used for culinary purposes and we urge our readers to give some of the early table sorts a trial. For feeding stock, especially horses and milch cows, the carrot cannot be surpassed and it should be more largely grown by farmers for this purpose. Like other root crops, flourishes best in a well-enriched sandy soil, deeply tilled, and if plowed the fall before, all the better. Sow in early spring in drills 15 to 18 inches apart, finally thinning plants to 3 or 4 inches. One ounce of seed will sow about 150 feet of row. Three pounds to the acre.

**Early French Forcing.** The earliest variety, largely grown for forcing purposes; globular-shaped root of an orange-red color. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Early Scarlet, or Short Horn.** One of the most popular varieties grown; color deep orange; one of the best for table use. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Improved Danvers Half Long.** A first-class Carrot for all soils; in form midway between the Long Orange and the Short Horn. The root is of a rich, dark orange color and grows very smooth and handsome; 20 to 30 tons per acre is not an unusual crop. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Chantenay, or Model.** A very popular variety for general purposes; five to six inches long; very stump-rooted; about three inches thick at shoulder; tapering slightly; bright orange-scarlet. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Oxheart, or Guerande.** This fine and very popular Carrot is intermediate as to length between the half-long varieties (such as Danvers) and the Scarlet Horn Carrot, but much

thicker than the latter, being at the top from four to five inches in diameter. Flesh-bright orange, fine-grained and sweet. It is a very fine quality for table use and equally good for stock. Oxheart can be easily pulled, making it a particularly desirable sort for planting in stiff clay soils. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Improved Long Orange.** A well-known standard sort; roots long, thickest near the crown, tapering regularly to a point; color deep orange; suitable for the table and main field crop. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Improved Large White Belgian.** Very productive; grown for stock feeding exclusively; grows one-third out of ground. Roots white; green above ground. Oz. 10 cts., lb. 40 cts.

## CHICORY

Achicoria Cichorie Chicoree

Much used as a salad by the French. Sow in spring in good soil, in drills 18 inches apart; after culture same as for carrots.

**Common, or Wild.** Used in Barbe de Capucin, a salad much used in France. Pkt. 5 cts., oz. 15 cts., lb. \$1.

**Large-rooted Magdeburg.** Pkt. 5 cts., oz. 10 cts., lb. \$1.

## CORN SALAD

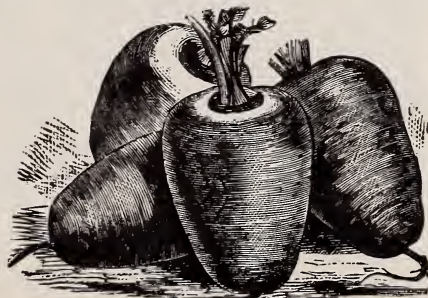
Macha 6 Valerianilla Lammer Salat Mache

**Large-seeded.** Round-leaved, commonly called Lamb's Lettuce. Pkt. 5 cts., oz. 10 cts., lb. \$1.

## CRESS, OR PEPPER GRASS

Berro 6 Mastuerzo Kresse Cresson

**Extra Curled.** Very fine; excellent for salads. One ounce will sow 100 feet of drill. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.



CARROT, OXHEART.

Write for Special Quotations on Large Quantities.



CELERY GOLDEN SELF BLANCHING FRENCH STOCK.

## CELERY

Apio Sellerie Celeri

Sow seed in frame or open ground. Transplant 4 inches apart, when 3 inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows 5 or 6 feet apart, either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from 8 to 12 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the center shoots. One ounce of seed will produce 5,000 plants.

**Golden Self Blanching French Stock.** The favorite and most popular Celery on the market, east or west. A few years ago we were fortunate enough to obtain a limited quantity from the originator, which when tested, proved to be superior to anything we had ever seen. Samples given to market gardeners for trial proved so satisfactory that now, it is hardly possible to supply their demands; in fact it has superseded all other varieties, which should be sufficient to recommend it to the most skeptical. It is heavier and more compact than any other kind, the stalks are thick, crisp and brittle, while the hearts are large, solid, and all blanch evenly a beautiful golden yellow. The quality is excellent, tender, and of delicious flavor. Pkt. 10 cts., oz. 40 cts., lb. \$4.50.

**White Plume.** We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it. Pkt. 5 cts., oz. 25 cts., lb. \$2.

**Pink Plume.** Similar in habit and growth to the White Plume, and while it combines all of its merits, which include crispness, solidity, long-keeping qualities, fine color and flavor; its leaves are beautifully tinged with pink, which gives it a very attractive appearance. Pkt. 5 cts., oz. 20 cts., lb. \$2.

**French's Success.** Extensive trials have proven that this is the best late-keeping variety of White Celery in the market, and therefore invaluable to those who wish Celery for the spring trade. Foliage dark green, head large, stalks solid, white, thick, brittle and fine quality. Pkt. 5 cts., oz. 35 cts., lb. \$3.50.

**Golden Dwarf.** The best of the half-dwarf varieties; the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor and a good keeper. Pkt. 5 cts., oz. 10 cts., lb. \$1.50.

**Boston Market.** One of the best of the white varieties; early and hardy. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Giant Pascal.** Stalks very large, thick, solid, crisp and of a rich, nutty flavor; blanches easily and quickly. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Celeriac, Large Smooth Prague.** Forms turnip-shaped bulbs having celery-like flavor. Pkt. 5 cts., oz. 20 cts., lb. \$2.

**Soup Celery.** For flavoring. Lb. 30 cts.  
Plants of the above are generally kept on hand during the season, especially during May, June or July. Doz. 10 cts., 100 75 cts., 1,000 \$5.

## CHERVIL

Perifollo Kerbel Cerfeuil

**Curled.** Used for flavoring soups and stews; also for salads and garnishing. Pkt. 5 cts., oz. 10 cts., lb. \$1.

## COLLARDS

Cuba Blatterkohl Chou-Chou

**Georgia.** A tall, loose form of cabbage grown in the South as a substitute for cabbage. The leaves when cooked are tender and delicate. Pkt. 5 cts., oz. 10 cts., lb. \$1.

Write for Special Quotations on Large Quantities.

# CORN, Sweet or Sugar

Maiz Mais Mais

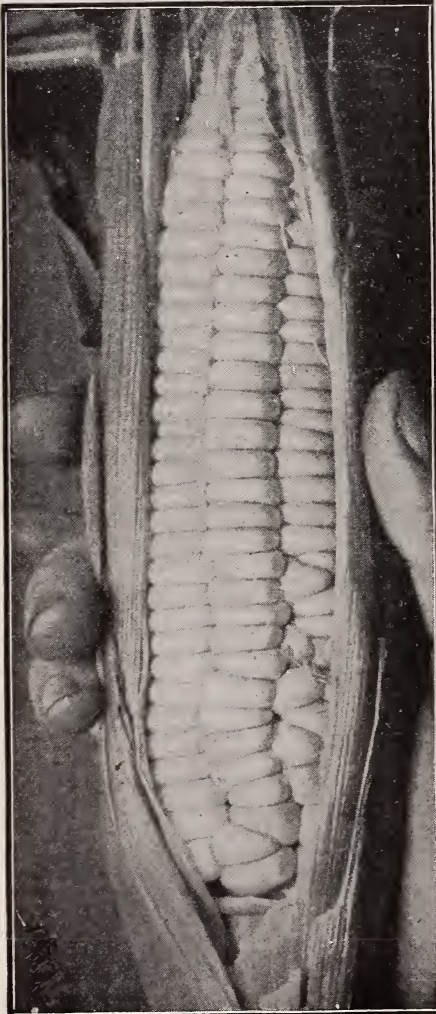
If ordered by Mail, add 10 cts. per pound for postage.

Plant the smaller varieties in drills 3 feet and 10 inches apart in the rows; or in hills 3 feet apart each way and 3 or 4 grains in a hill. The taller varieties on rich soil should be given a space of 4½ feet between the drills and 1 foot between the stalks; use some rich manure in the drills, working it in singly about the roots.

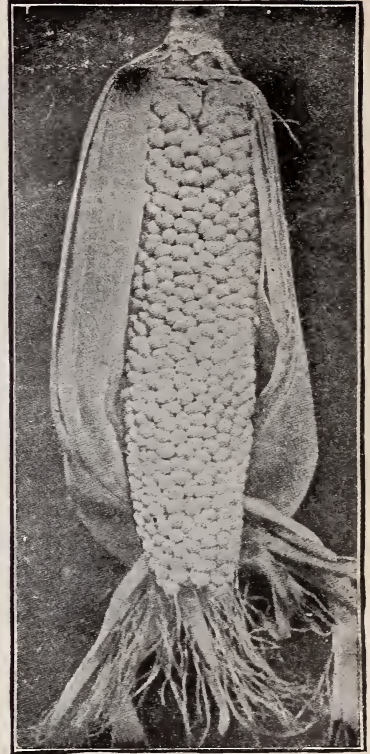
**Peep o' Day.** The points of this remarkable new Corn are its extraordinary earliness and sweetness. The early varieties of Sweet Corn do not yield as heavily as the later sorts but owing to the fact that the stalks of this variety bear from two to three ears each, and are very dwarf, they can be planted close together. Lb. 15 cts.

**Premo 60-Day.** This is a very fine, very early Sugar Corn; hardy and can be planted fully as early as the Early Adams. The stalks grow about five feet high and mostly bear two well-developed ears to the stalk. It is of extra fine quality, very sweet and delicious. Lb. 15 cts.

**Adams Extra-Early.** One of the earliest varieties; small cob and quite dwarf in growth. Lb. 15 cts.



SWEET CORN, MAMMOTH EARLY.



SWEET CORN, COUNTRY GENTLEMAN.

**Crosby's Early Sweet.** Second early, sweet and productive. Lb. 15 cts.

**Early Minnesota Sweet.** One of earliest, with ears of suitable size for market purposes. Lb. 15 cts.

**Early Mammoth.** This variety produces the largest ears of any variety of early Sweet Corn. Lb. 15 cts.

**Black Mexican.** The sweetest, richest and tenderest of all Sweet Corn. Lb. 15 cts.

**Extra Early Cory.** The earliest variety. Lb. 15 cts.

**Potter's Excelsior, or Squantum.** A fine second-early variety, having large, 12-rowed ears. Lb. 15 cts.

**Early Evergreen.** Is fit for use long before Stowell's comes into the market. The ears are large, of the best quality, excelling even the flavor of the Evergreen varieties. Lb. 20 cts.

**Late Mammoth.** Produces larger ears than any other Sweet Corn, yet is rich and sweet. Productive and popular; a little later than Evergreen. Lb. 15 cts.

**Country Gentleman.** The best Sweet Corn for private use. Has a small white cob densely covered with irregular rows of deep, splendid white grains of delicious flavor. Ears average 8 to 9 inches in length. The stalks grow about 6 feet high and average three or four ears each. Lb. 15 cts.

**Stowell's Evergreen.** The standard sort for main crops everywhere. Ears large, deep-grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market-gardeners for late use. Lb. 15 cts.

## FIELD CORN

If ordered by Mail, add 10 cts. per pound for postage.

**Eastern Corn.** Saved from selected ears, tips and butts removed. Our Corn has been grown for us by specialists and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre.

**Early Huron.** One of the largest of the dent Corns, extremely early; it is a rank grower, producing large ears, all well filled with deep grains of fine-appearing corn. Lb. 10 cts., 100 lbs. \$3.50.

**Minnesota King.** For years this Corn has been exceedingly popular in the northwest. The cob is small, but is covered to the top with large grains of a beautiful yellow color. Lb. 10 cts., 100 lbs. 3.50.

Write for Special Quotations on Large Quantities.

**CORN, Continued**

**Early Mastodon.** The largest yellow Corn grown, and the heaviest yielder. It has been known to yield over 200 bushels to the acre. The ears are even in size, cob small, with deep yellow grains. A vigorous grower and sure to give satisfaction. Lb. 5 cts., 100 lbs. \$3.50.

**Golden Beauty.** The ears are remarkable in size, and filled out completely to the extreme end of the cob. The cob is smallest, in comparison with the size of the ear, of any variety in cultivation. Lb. 5 cts., 100 lbs. \$3.

**Leaming.** One of the best medium early varieties in the market. The ears are large and handsome, with deep, large grain; orange, yellow color, and small red cob; very productive; shells very easily. Lb. 5 cts., 100 lbs. \$3.

**Pride of the North.** One of the best sorts. Ears have from 14 to 16 rows, color light orange. Lb. 5 cts., 100 lbs. \$3.

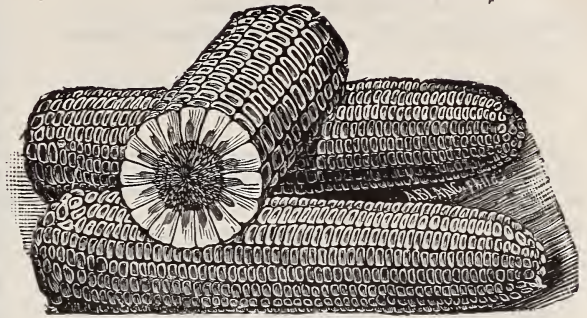
**Hickory King.** This Corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn. Lb. 5 cts., 100 lbs. \$3.

**Champion White Pearl.** This stock is short and thick. The ear grows low on the stock, from 7 to 12 inches in length, almost parallel throughout, of medium size, averaging 16 rows of grain. Lb. 5 cts., 100 lbs. \$3.

**ENSILAGE CORN**

Sow 1¼ to 1½ bushels per acre.

**Red Cob Ensilage.** A pure white Corn on a red cob. It is sweet, tender, juicy, has short joints



FIELD CORN, LEAMING.

and produces an abundance of foliage. Every dairy farmer should grow this sort; will produce very large crops. 100 lbs. \$3.

Write for prices on California-grown Corn.

**POP CORN**

If ordered by Mail add 10 cts. per pound for postage.

**White Pearl.** A standard market variety. One of the best. Lb. 10 cts., 100 lbs. (price on application).

**White Rice.** A popular and productive variety. The kernels are fine, white and pointed, and the ears from 4 to 5 inches in length and from 1 to 1¼ in diameter. Lb. 10 cts., 100 lbs. (price on application).

**CUCUMBERS**

Pepino Gurke Concombre

One ounce will plant 50 hills; two pounds will plant one acre. For early use, plant, if the weather has become settled and warm, in hills 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, sandy loam, well manured.

**Klondike.** A splendid new variety related to the White Spine family, which it excels in shape and shipping qualities, being very early and of a fine dark color. Growers who cater to early markets will find this variety exceedingly profitable. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Improved Arlington White Spine.** This is by far the best of all the strains of White Spine. The vine is vigorous and the fruit, which is large and symmetrical is borne in profusion. The color is a rich dark green, fine for forcing or field culture, and for earliness and selling qualities it cannot be surpassed. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Early White Spine.** One of the best sorts for table use. Vines vigorous, fruiting early and abundantly; fruit uniformly straight and handsome, dark green, with a few white

spines; flesh tender and of excellent flavor. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Cumberland.** A distinct sort, which is especially desirable for pickling. The vines are hardy, of strong, vigorous growth, and fruit freely. The young Cucumbers are of even size and regular form, thickly set with small spines, and are equally attractive for making small gherkins, medium-sized or large pickles. The large fruits average 9 to 10 inches in length, 2½ inches in diameter, with full rounded ends and are of excellent quality for slicing. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

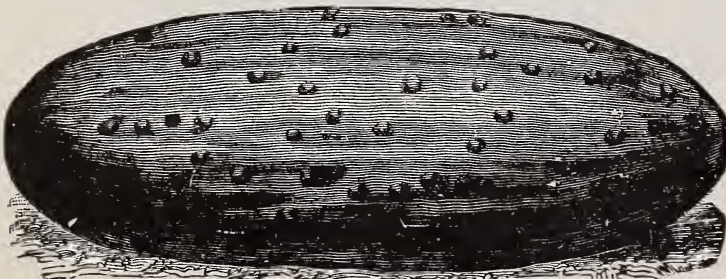
**Boston Pickling, or Green Prolific.** One of the best pickling varieties; dark green; also excellent for slicing. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Long Green.** Long and crisp; a well-known and popular variety. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Nichol's Medium Green.** One of the best general-purpose. Cucumbers in cultivation, the young fruit being very symmetrical in shape, deep in color, and very crisp, and for slicing there is none better. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**West India Gherkin.** Oval-shaped; prickly; for pickling only. Pkt. 5 cts., oz., 20 cts., lb. \$2.

We carry the following standard varieties at same price as Boston Pickling:



CUCUMBER, WHITE SPINE.

Write for Special Quotations on Large Quantities.

**CUCUMBERS, Continued**

Early Russian, Early Siberian, Early Frame, Japan Climbing, etc.

**ENGLISH FORCING, or FRAME VARIETIES**

These produce remarkably long and very firm, solid fruits with few and small seeds; adapted for open ground culture in California. Our seed is from the best English strains.

**Improved Telegraph.** Unquestionably one of the best winter Cucumbers; indispensable for forcing. Pkt. 25 cts.

**Lockle's Perfection.** A remarkably productive variety, bearing fruits 15 inches in length, perfect models in shape, and of high quality. Pkt. 25 cts.

**WATER CRESS**

Berro Brunnenkresse Cresson de Fontaine

The plant is cultivated by sowing the seed by the side of running water or near springs. The leaves are universally used and eaten as an early and wholesome salad in the spring. Pkt. 5 cts., oz. 30 cts., lb. \$3.

**DANDELION**

Amargon Kuhblume Pissenlit

This vegetable has become very popular as an early healthful green, and the roots are used, when dried, as a substitute for coffee.

**Common Variety.** Pk. 5 cts., oz. 20 cts.

**Improved. Large-leaved.** Pkt. 10 cts., oz. 50 cts.

**ENDIVE**

Escarola & Endivia Endivien Chicoree

This vegetable is highly esteemed as a salad. When the plants are 3 or 4 inches high, transplant 1 foot apart each way, and keep free from weeds, until leaves are 6 or 8 inches long; then blanch the leaves by gathering them carefully together when perfectly dry and tying them at the tips in a conical form with Raffia to exclude light and air. From three to six weeks is required to thoroughly blanch. One ounce of seed will sow a bed of about 80 square feet, or 150 feet of row.

**Broad-leaved Batavian.** Leaves broad, nearly plain, light green; best for soups. Pkt. 5 cts., oz. 15 cts., lb. \$1.25.

**French Moss Curled Green.** Moss-like appearance, beautifully curled. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Green Curled Winter.** Standard sort for fall and winter crop. Pkt. 5 cts., oz. 15 cts., lb. \$1.25.

**EGGPLANT**

Berengena Eierpflanze Aubergine

Sow seed in frames if possible. When 3 inches high transplant into small pots, so that the plants may become stocky and be readily planted out from the pots. When the season becomes sufficiently warm, transplant into thoroughly worked and well-enriched soil about 3 feet apart each way. Draw the earth up to the stems when about a foot high. Eggplant seed will not vegetate freely without substantial heat, and if the plants get the least chilled in the earlier stages of their growth they seldom recover. Repeated sowings are sometimes necessary. One ounce of seed will produce 2,000 plants

**Black Beauty.** A handsome, extra-early, large variety of great merit; a prolific producer of uniformly large purple-black fruit of fine quality, developing with rapidity and ready



EGG PLANT, BLACK BEAUTY.

for gathering about two weeks earlier than other larger sorts. Pkt. 10 cts., oz. 40 cts., lb. \$4.

**New Jersey Improved Large Purple.** This is a select strain of the New York Eggplant, developed by the gardeners of New Jersey, who have by their long experience brought this variety to perfection. It commands the highest prices in the markets of the large eastern cities. The plants are large and vigorous, fruit early, very large, oval and deep purple, flesh white, tender and of excellent quality. Pkt. 10 cts., oz. 40 cts., lb. \$4.

**New York Improved Spineless Large Purple.** The leading variety known by marketmen everywhere; fruit large, smooth, deep purple; flesh white, of good quality. The stock we offer is fine New Jersey grown. Pkt. 5 cts., oz. 35 cts., lb. \$3.50.

**Early Long Purple.** An earlier, hardier variety, with club-shaped, dark purple fruit 6 to 8 inches long, a shape preferred by some for slicing; flesh firm. Pkt. 5 cts., oz. 35 cts., lb. \$3.

**KOHLRABI**

Colinabo Kohlrabi Chou-rave

Sow in rows 2 feet apart; thin the plants to 1 foot apart. One ounce of seed will produce about 2,000 plants.

**Early White Vienna.** Flesh white and tender; very productive. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Early Purple Vienna.** Very hardy; flesh bluish purple. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**KALE, or BORECOLE**

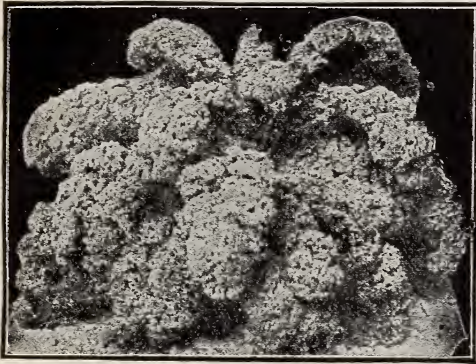
Col Blatterkohl Chou Vert

Sow the seeds in beds, covering lightly. Transplant into rich mellow ground, and cultivate the same as cabbage. They are rendered very tender and delicious by moderate touches of frost. One ounce of seed will produce about 2,000 plants.

**Dwarf Curled, or German Greens.** Very hardy, excellent for spring use. Pkt. 5 cts., oz. 10 cts., lb. \$1.

Write for Special Quotations on Large Quantities.





KALE DWARF CURLED.

**Green Curled Scotch.** The kind most commonly used; grows to a height of 18 inches, and with good cultivation spreads to 3 feet in

diameter; leaves bright green and curled. Pkt. 5 cts., oz. 10 cts., lb. \$1.  
**Jersey, or Tree Kale.** Of vigorous growth, grown for chickens and stock only. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

## GARLIC

Ajo Knoblauch Ail

**Garlic Sets.** Lb. 15 cts.; by mail 10 cts. per lb. extra; 100 lbs., market price.

## LEEK

Puerro Lauch Porieau

Sow in drills 1 foot apart and ½ inch deep, in light, rich soil, liberally manured; thin the plants to 10 inches. One ounce of seed will sow about 100 feet of drill.

**London Flag.** A large and strong plant; hardy. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Large Musselburg.** A standard Scotch variety. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Monstrous Carentan.** A superior variety, with distinct, dark-colored leaves. Pkt. 5c., oz. 15 cts., lb. \$1.50.

# LETTUCE

Lechuga Salat Laitue

To obtain the best results from Lettuce they should be grown rapidly therefore the soil should be made as rich and friable as possible by frequent cultivation and a liberal application of stable manure. Sow either in beds and then transplant when 2 inches high or sow in drills and thin to 1 foot apart for heading varieties and let the rows be 18 inches apart. Hoe often to prevent going to seed. One ounce of seed will produce about 3,000 plants.

## CABBAGE, or HEADING VARIETIES

**Iceberg.** A beautiful Lettuce, worthy of universal cultivation; leaves curly, bright green; heads unusually solid. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.

**May King.** Extra large, round solid heads, light green outside, with clear yellow heart; very tender and of fine flavor. Splendid forcer. Pkt. 10 cts., oz. 25 cts.

**New York.** The favorite for the Los Angeles market. Produces large, early heads of excel-

lent flavor. The outer leaves are green, while the inner is a beautiful, creamy white. The plant is of robust growth, and to get the best results should be sown in the cooler months, as it sometimes fails to head in the hot weather. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Improved Hanson.** Heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed that it often fails to form seed-stalks. The outer leaves are bright green, the inner leaves are white and deliciously sweet, tender and crisp, and free from bitter taste. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.



BLACK SEED SIMPSON LETTUCE.

Write for Special Quotations on Large Quantities.

**LETTUCE, Continued**



**BIG BOSTON LETTUCE.**

We can supply the following varieties at the uniform price of pkt. 5 cts., oz. 10 cts., lb. 80 cts.: Tennisball, Black-seeded, Boston Market, Defiance, Blonde, Blockhead, Wonderful, etc.

- Big Boston.** A most desirable large variety. For outdoor planting it is unsurpassed, as it does very well under great variations of temperature. Plants, large, hardy and vigorous. Leaves broad, smooth, thin, of a light green color. Heads large, beautiful and solid. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- California Cream Butter.** The outside leaves are of a medium green color, slightly marked with brown spots, while within the leaves are of a rich, creamy yellow; stands the summer heat well, as it grows slowly and forms a very hard head. It remains fit for use a long time. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Deacon.** Has few outside leaves, grows very solid, and of a delicious buttery flavor. The center of heads blanch to a bright yellow shade; is very crisp and tender and one of the finest heading summer varieties. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Paris White Cos.** An excellent variety. The leaves fold in of themselves and blanch quickly; large, crisp, tender and of fine flavor; resists warm weather and is the best Cos Lettuce yet introduced. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Perfected Salamander.** One of the leading head varieties in cultivation, especially adapted for summer purposes: solid heads of light green color, with delicious buttery flavor. This variety should be grown in every garden. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Curled, or Loose Leaved Varieties**

- Black-seeded Simpson.** One of the best, leaves are large, thin and exceedingly tender. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Early Curled Simpson.** A popular early sort; forms large, loose heads. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Grand Rapids.** The most popular variety for greenhouse planting; quick growth. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Prizehead.** Large, loose-headed sort; leaves tinged with brown; very heavy. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.

**MUSKMELONS**

Melon Almizeleno      Cantalupen      Muscade

Select light, warm soil plant in hills 6 feet apart each way, six or eight seeds to the hill; thin out to three or four plants when in a forward state. The hills should be prepared by digging out the soil 1½ feet deep, thoroughly mixing in each hill a couple of shovelfuls of well-decomposed stable manure, filling up a little above the level. The planting should be deferred until warm, settled weather. One ounce of seed will plant about 100 hills.

- Burrell's Thoroughbred Rockyford Cantaloupe.** This is without doubt the finest strain of Rockyford on the market. Every melon is subjected to a rigid examination before being selected for seed and they must conform to a standard set down, by what the originator claims is the embodiment of an ideal melon. Sold in sealed packages only \$1.50 per lb.
- Rocky Ford.** The melons are regular and even in size, weighing about 1½ pounds, slightly oval in shape, finely netted; flesh is light green in color and of delicious flavor. The seed we offer was saved by one of the best melon-growers in the country and is strictly first-class. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.
- Jenny Lind.** Small, round-flat fruits, deeply ribbed flesh yellowish-green and of unsurpassed flavor; very productive. Pkt. 5 cts., oz. 10 cts., lb. \$1.
- Extra-Early Hackensack.** Very popular sort, producing large, handsome, extra-early melons of the very best variety. It is some two weeks earlier and almost as large as the once-famous New Jersey Hackensack; fruit nearly round, deeply ribbed and very coarsely netted. The flesh is green and of a most delicious flavor. We have an excellent stock of this seed, obtained from selected melons only. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.
- Long Island Beauty.** Fruits of large size, well flattened, heavily ribbed and netted; of very handsome appearance and fine quality. This variety ripens as early and is similar to the Hackensack, but is superior. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.
- Emerald Gem.** A small, very early melon; form globular, flesh salmon-colored, exceptionally fine flavor. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.
- Miller's Cream, or Osage.** The fruit is large and round, with light green netted skin and thick, sweet, salmon-colored flesh. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.
- Montreal Market.** A very large, green nutmeg type, almost round, heavily netted, thick, luscious flesh; late and especially adapted to cool climates. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.
- Nutmeg Tip Top.** An improved strain; very sweet. Pkt. 5 cts., oz. 15 cts., lb. 75 cts.
- Paul Rose.** Handsome; oval, new variety; rich orange flesh, very sweet. Pkt. 5 cts., oz. 15 cts., lb. 75 cts.
- Mango Melon, or "Vine Orange."** Size, shape and color of an orange; fine for preserving or pickling. Pkt. 5 cts., oz. 20 cts., lb. \$1.50.
- Green Flesh Osage.** Osage quality, light green flesh. Pkt. 5 cts., oz. 15 cts., lb. 75 cts.

Write for Special Quotations on Large Quantities.



MUSKMELON, ROCKY FORD.

**Prolific Nutmeg.** Thick green flesh, fine flavor. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.

**Santa Claus.** This new melon is sure to become a favorite with growers and shippers of late melons, and is bound to supersede such late varieties as Cassaba, or Pineapple. Oblong in shape, mottled brown and green, shell hard, but very thin, flesh light green, and of excellent flavor. Sow in April or May and pick in September and October. They will keep from three to six months. When stored they become fragrant and when ready to eat the rind becomes moist and softens slightly. We predict a great future for this new acquisition.

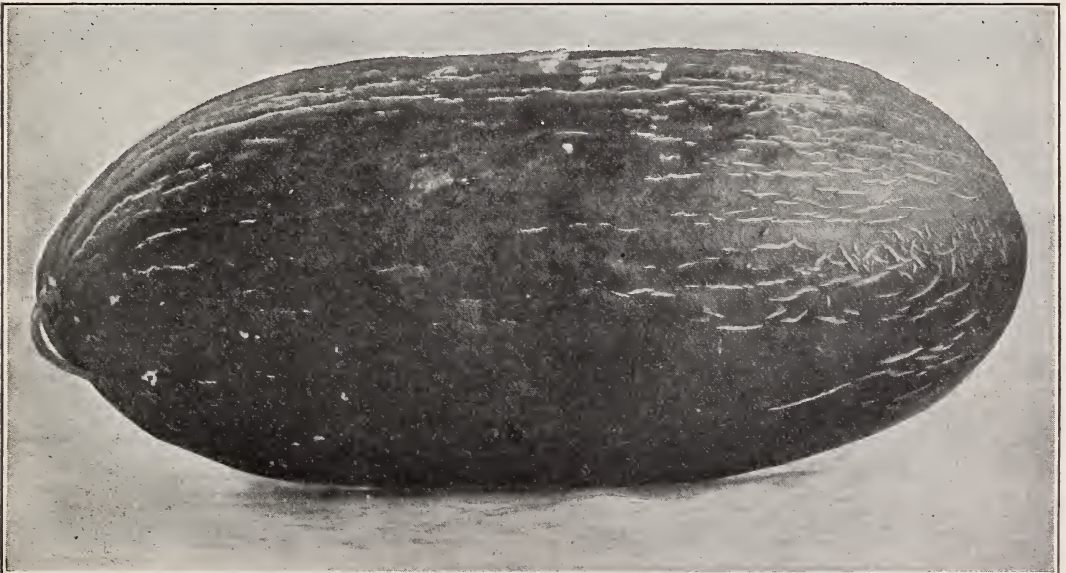
Order early as stock is scarce. Pkt. 25 cts., oz. 50 cts., lb. \$5.00.

**Cassaba, or Winter Pineapple.** A large, late melon, of unique appearance; corrugated skin, oval shape, green flesh, of pronounced pineapple flavor. Melons do not ripen on the vines and the flavor is greatly improved after being stored in a cool place. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**IMPORTED VARIETIES FOR FORCING**

**Blenheim Orange.** A favorite variety; scarlet flesh, good flavor. Pkt. 25 cts.

**Windsor Castle.** Green flesh, oval shape, finely netted, delicious flavor. Pkt. 25 cts.



MELON, SANTA CLAUS.

# WATERMELONS

Sandia Wassermelone Melon d' Eau

As soon as the weather becomes settled and warm, select soil and manure as recommended for muskmelons. Plant in hills 6 to 8 feet apart, six to ten seeds, 1 inch deep, and thin to three best plants. Hoe often and gradually hill up until the vines touch, after the flowers appear, pinch off the extreme end of the most luxuriant shoots.



MELON, CHILIAN.

**Alabama Sweet.** This is a very popular variety in the South, especially in Texas, where they grow it in preference to any other melon. In shape it is long, color dark green, flesh red and absolutely stringless. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Cuban Queen.** Melons are oblong in form; skin striped, dark and light green. Rind quite thin, but tough enough for shipping. Flesh bright red and of fine quality. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Fordhook Early.** This is the earliest large-fruited melon in cultivation, weighing 30 to 40 pounds each; has deep green skin and is an excellent shipper; the flesh is light red, crisp, sweet and of splendid quality. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Halbert Honey.** An excellent melon for the home garden or market; oblong in shape, dark green skin, crimson flesh of the most luscious flavor, rind thin; very popular in the eastern markets, where it has a ready sale at high prices. Pkt. 5 cts., oz. 15 cts., lb. \$1.

**Sweet Heart.** Large fruits of oval or round form; flesh is a deep rich red, crisp and melting. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**The Chilian.** This magnificent melon is so popular in Southern California that it has practically excluded all other varieties, which is sufficient proof of its merit. We realize the importance of pure seed and have made arrangements the past season with one of the best melon-growers in the country to grow a large acreage for us for seed, hence we can confidently recommend it to our patrons as the purest strain obtainable. In shape, almost round, dark green, slightly mottled with darker green. Rind exceedingly thin, not over  $\frac{1}{4}$  inch in thickness, but hard; a splendid shipper. Flesh deep crimson clear through, crisp, solid and of delicious flavor. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Kleckley's Sweet.** This new melon is one of the very best for the home market or for family use. The melons are large, 18 to 20 inches long and 10 to 12 inches in diameter, dark green; rind thin, flesh scarlet and very sweet. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Georgia Rattlesnake, or Gypsy.** Standard southern variety, which possesses remarkable shipping qualities; oblong, scarlet flesh, crisp and juicy. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

Write for Special Quotations on Large Quantities.

**WATERMELONS, Continued**

**Duke Jones.** Large, nearly round, dark green melon; a fine shipper; flesh bright red, sweet and juicy. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Girardeau's New Favorite.** Resembles the Florida Favorite, but is larger. It is early productive, tender and crisp; has bright red, very sweet flesh. The rind is thin and too tender to stand shipment long distance. Splendid for home or near-by market. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Yellow-fleshed Ice Cream.** This melon has become very popular among the local growers around Los Angeles; in fact, in past seasons we have never been able to secure enough stock to supply the demand. The melon grows very large, of oblong shape; the flesh is a beautiful yellow, and has a peculiar, delicious flavor, different from any other variety. Pkt. 5 cts., oz. 10 cts., lb. \$1.50.

**The Bradford.** A fine flavored large shipping melon, oblong in shape with rather square ends. The skin is very dark green with darker stripes. The flesh is very tender and solid. Dark red in color, and of excellent flavor. The rind is thin and tough, making it a very desirable shipping melon, under favorable conditions. They grow to a large size and command high prices in the eastern markets. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Colorado Preserving Citron.** Excellent for making preserves. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

We can supply the following standard varieties at the uniform price of pkt. 5 cts., oz. 10 cts., lb. 50 cts.: Ice Cream, Phinney's Early, Kolb's Gem, Dixie, Light Icing, Mammoth Iron-clad, Lodi, Black Spanish.

**STOCK MELON**

**Melon Pumpkin.** Good for feeding cattle, or for pies; flesh very firm and solid, with small proportion of seeds. Oz. 10 cts., lb. 30 cts.

**MUSTARD**

Mostaza Cenf Moutarde

If ordered by mail, add 10 cts. per pound for postage

**New Chinese.** Leaves very large, 14 to 16 inches in length, which are cooked like spinach, and have a very agreeable flavor. One of the best green foods for poultry. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**White London.** Best for salads or medicinal purposes. Lb. 10 cts.

**Brown or Black.** More pungent than white. Lb. 10 cts.

**MUSHROOM SPAWN**

Seta Schwamm Champignon

One of the most profitable crops for the outlay that can be grown. The market is sure because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this add two bushels of fresh horse manure. Of this mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and so on until the bed is 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 to 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about 12 days; then cover the bed with 2 inches of fresh loam, and



MUSHROOMS.

over this put 4 or 5 inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water and cover with hay as before. The main conditions in Mushroom-growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed 2x6 feet. We import our spawn from the best makers in England and France. To grow Mushrooms successfully, write for "Mushroom Culture," by W. Robinson. By mail, postpaid, 50 cts.

**English.** In bricks. Per lb. 20 cts. Postage extra, 10 cts. per brick.

**French.** In two-pound boxes, including pamphlet of cultural directions. Each, \$1; four-pound boxes, \$2. Too heavy for the mails; sent only by express at the purchaser's expense.

**White French.** New virgin spawn. This new spawn produces the finest Mushrooms in cultivation, and one trial will convince all growers of its wonderful merits. Price, 30 cts. per tablet, \$3 per doz.

Cultural instructions for growing Mushrooms given free to every purchaser of spawn.

**OKRA**

Quimbomo Ocher Gombo

This vegetable produces long, nutritious pods, which, when young, are used in soups and stews, to which they impart a rich flavor. Sow after the ground has become warm, in drills 2 inches deep, 2½ feet apart; thin out the plants to 9 inches in the row; hoe often and draw the earth up to the stems. One ounce of seed will sow 50 feet of row.

**Perkins' Mammoth.** Plant dwarf; very productive. Produces beautiful, long, slender, deep green pods, which remain tender a long time. An extra-choice variety. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Early Dwarf.** Productive; pods white, round, smooth. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Long Green.** Later and more productive; ribbed pods. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**White Velvet.** Pods round, smooth, free from seams; exceedingly tender, well-flavored and very prolific. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

Write for Special Quotations on Large Quantities.

# ONIONS

Cebolla Swiebel Ognon

Select fine, light soil and manure heavily with the oldest and strongest compost that can be procured. Plow to a depth of 5 inches, and work well with the cultivator. Plow again at right angles with the first furrows, and again thoroughly cultivate. The ground will then be in fine working order, and should be leveled smoothly with a rake. Drill 14 inches apart, sowing the seed thinly; cover a quarter of an inch deep with fine soil and press down with the back of a spade or light roller. When the young plants are strong enough, thin gradually so that they stand finally 4 inches apart. Keep clean from weeds and take care that the earth does not accumulate around the bulbs, but allow them to bottom above the ground. When the greenness has left the tops of the onions, pull them and let them dry a few days before storing. One ounce of seed will sow about 100 feet of drill. Four pounds to the acre.

To obtain onions of full growth and regular size, sow the seed thickly in beds about December, then transplant the young plants to the open ground; trim off top and bottom before setting out, as this helps materially to increase the size of the bulbs. This may appear like hard work to some of our readers, but taking into consideration the advantage gained over the weeds at the start, the uniformity in size of the bulb at maturity, and practical impossibility of a failure of crop, it will more than repay the extra labor. In this climate a continuous crop may be had by planting every two or three months.



AUSTRALIAN EY YELLOW GLOBE.

**Ailsa Craig.** A splendid English variety of immense size, bulbs frequently weighing two pounds each. They are oval in shape and of a pale straw color, flavor exceedingly mild and delicate. In competition with other varieties at the English shows it has won more prizes than any other variety introduced. Pkt. 10 cts., oz. 25 cts., lb. \$3.

**Giant Rocca.** A splendid variety of delicate flavor, bulbs large and globular in shape; skin light brown, weighing 2 to 3 pounds, very productive and a splendid keeper. Pkt. 10 cts., oz. 25 cts., lb. \$3.

**Australian Ex-Early Yellow Globe.** The earliest of the Globe Onions and an extra long keeper. The onions weigh four to six ounces each. Skin thin, and are mild and of splendid flavor; small top equal to the Australian Brown in every way excepting the onions average slightly smaller in size. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**New Queen.** Very early, flat, beautifully white and of the finest flavor; grows to a fair size in California, and is one of our best market varieties, its principal recommendation being its rapidity of growth and its long-keeping qualities. Also an excellent variety for pulling green or pickling. Pkt. 5 cts., oz. 20 cts., lb. \$2.00.

**Bermuda, White (Teneriffe-grown).** The bulbs are quite broad and flat in form. The color is not a clear white as in our American varieties, but rather a pale straw; flesh crisp, solid and mild in flavor. The plants are extremely thin-necked, insuring even and early ripening. Pkt. 5 cts., oz., 25 cts., lb. \$2.50.

**Crystal White Wax.** A very early onion of the Bermuda type; pure white in color and of mild flavor, especially adapted for fall planting for the early markets. Pkt. 10 cts., oz. 40 cts., lb. \$4.25.

**Australian Brown.** A variety introduced from Australia. The bulbs grow to a good marketable size, are very hard and solid and of uniform shape. Amber-brown color and mild flavor. Splendid keeper. Pkt. 5 cts., oz. 20 cts., lb. \$2.25.

**Large Red Wethersfield.** Crows very large, keeps well and is of fine flavor. Pkt. 5 cts., oz. 20 cts., lb. \$2.50.

**Germain's Yellow Flat Danvers.** Our strain is especially selected. The onions are straw-color, mild in flavor, and excellent keepers. Pkt. 5 cts., oz. 20 cts., lb. \$2.25.

**Prize-Taker.** The largest of the yellow onions, globular in shape, of a pale straw-color. Produces enormous crops; bulbs frequently weigh as high as three pounds each. Pkt. 5 cts., oz. 20 cts., lb. \$2.50.

**White Portugal, or Silver-Skin.** This variety is one of the leading white sorts, and is of beautiful shape and very mild flavor. The bulbs are flat and mature early. It is a splendid variety for both family use and market-garden. It grows to a fair size, bulbs averaging 2 to 3 inches in diameter. Pkt. 5 cts., oz. 25 cts., lb. \$3.00.

**Giant White Italian Tripoli.** (El Paso, or large Mexican). Bulbs of large size and beautiful form, with white skin. Under good cultivation large onions can be raised in a single season from seed, weighing from one to one and one-half pounds, but will attain much larger size if planted in beds in December or January and then transplanted. In this way an early crop is assured. Pkt. 5 cts., oz. 20 cts., lb. \$2.00.



Write for Special Quotations on Large Quantities.

**ONIONS, Continued**

We carry in stock at all times the following varieties, which we sell at the uniform price of pkt. 5 cts., oz. 20 cts., lb. \$2.25: Danvers Globe, Extra-Early Red, Red Globe, Southport, Yellow Globe and all other leading and popular varieties.

**ONION SETS**

If ordered by mail, add 10 cts. per pound for postage

Price per 100 pounds on application

Yellow Bottom. Lb 15c. White Bottom. Lb. 15c. Australian Brown. Lb. 15 cts.

**PEAS**

Chicaros 6 Guisantes Erbsen Pois

If ordered by mail, add 10 cts. per pound for postage.

The Pea is one of our most important crops, and to be successfully grown must be liberally treated. A deep, rich soil, well pulverized, and incorporated with a fair allowance of well-decayed manure, should be chosen for the principal crops. For early peas the ground does not require to be so rich. Sowing of the first early variety should be made in October, and the other varieties, for successive crops, planted every two weeks until April 1.

Peas are sown in single or double rows, from 2 to 6 feet apart, according to the variety or the height to which they attain. Have rows of the dwarf varieties 2 feet apart, and those of the medium sorts from 3 to 4 feet apart, and the tall varieties from 5 to 6 feet apart. Tall varieties require sticks. Two pounds will sow 100 feet of row.

**FIRST-EARLY VARIETIES**

**American Wonder.** 10 to 12 inches high; extra-early; of dwarf, compact growth, wrinkled; of the finest quality. Lb. 15 cts., 10 lbs. \$1.25.

**McLean's Little Gem.** Green, wrinkled, early marrow, delicious flavor; 15 inches. Lb. 15 cts., 10 lbs. \$1.25.

**Premium Gem.** Splendid wrinkled variety, very early, fine flavor; 18 inches high. Lb. 15 cts., 10 lbs. \$1.25.

**Gradus.** This magnificent Pea is one of the finest yet introduced. It is as early as American Wonder, with pods as large as Telephone, filled with eight or ten large peas of most delicious flavor. It is a vigorous grower and very productive. Vines 2½ feet high. Lb. 20 cts.

**SECOND-EARLY VARIETIES**

**Abundance.** Good bearer; peas large and of excellent quality; 2 feet high. Lb. 15 cts., 10 lbs. \$1.10.

**Dwarf Sugar.** (Edible pods.) Pods beautifully crimped, very sweet, delicious flavor; cook same as snap beans. Lb. 15 cts.

**Stratagem.** A very heavy cropper, producing large, well-filled pods of excellent quality. One of the finest Peas in cultivation. Lb. 15 cts., 10 lbs. \$1.50.

**Yorkshire Hero.** For years this Pea has been the favorite of the Los Angeles and San Francisco markets on account of its being hardy and ever-bearing; for fall and winter, it is more profitable and more certain to mature a crop than any other variety. Lb. 15 cts., 10 lbs. \$1. Prices per 100 pounds on application.

**LATE VARIETIES**

**Champion of England.** Green wrinkled, great favorite; unsurpassed in quality and productiveness; 4 to 4½ feet. Lb. 15 cts., 10 lbs. \$1.25.

**Ever-bearing.** Remarkably prolific; pods are very fine and closely filled; peas soft, juicy and of excellent flavor; 3 feet. Lb. 15 cts., 10 lbs. \$1.25.

**Telephone.** Handsome, well-filled pods; peas large size, good quality; 4 to 5 feet. Lb. 15 cts., 10 lbs. \$1.25.



PEAS, GRADUS.

## PARSLEY

Perijil Petersilie Persil

Parsley succeeds best in rich, moist soil. Sow thickly in drills 1 foot apart and ½ inch deep. When the plants are 2 inches high, thin them out to 4 inches apart. One ounce of seed will sow about 50 feet of row.

**Champion Moss-Curled.** Beautifully curled; finest variety for garnishing. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Fine Double Curled.** Fine dwarf. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Hamburg, or Turnip-rooted.** The roots are excellent for flavoring soups. Pkt. 5 cts., oz. 10 cts., lb. \$1.

## PARSNIP

Chirivia Pastinake Panais

Sow in drills of rich soil 1½ inches deep and 15 inches apart, and cultivate the same as carrots. One ounce of seed will sow about 50 feet of row.

**Improved Guernsey.** Half-long. The roots do not grow as long as the Hollow Crown, but are larger in diameter and more easily gathered. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Hollow-Crowned.** Best Parsnip grown either for table or stock. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Short Round, or Turnip-rooted.** For shallow soil. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

## PEPPERS

Pimiento Pfeffer Pimenl

Sow early in the spring in a frame; transplant when the weather is favorable to open ground in rows 18 inches apart and 10 inches apart in the row. The ground should be highly manured before transplanting. When about 6 inches high, hoe the plants and earth up slightly.

**Early Neapolitan Pepper.** This is a new variety, nearly two weeks earlier than any of the large varieties, mild in flavor. Fruits average 4½ inches in circumference by 4 inches in length; thick-meated, unusually mild and sweet. Plants are of sturdy growth, about 18 inches high and wonderfully productive; carrying often 15 to 20 handsome fruits to the plant. For slicing and mangoes this variety takes the lead. Pkt. 10 cts., oz. 40 cts., lb. \$4.

**Cayenne.** Pods small, long and tapering; coral red when ripe, very hot and strong; best kind for seasoning pickles; the Cayenne Pepper of commerce. Pkt. 5 cts., oz. 25 cts., lb. \$2.25.

**Cherry.** Small, round, smooth and productive; a good variety. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**Large Sweet Mountain.** Very large and excellent for Mangoes. Pkt. 5 cts., oz. 25 cts., lb. \$2.25.

**Chinese Giant.** The most desirable variety of recent introduction; of extremely large size, single specimens averaging 10 to 15 inches in circumference. On account of its size it is highly valued for Mangoes. The flesh is thick, tender, mild and sweet. Pkt. 10 cts., oz. 50 cts., lb. \$6.

**Large Bell, or Bull Nose.** Early, sweet and of good flavor. Pkt. 5 cts., oz. 25 cts., lb. \$2.25.

**Chili, Small, or Bird's Eye.** Pods pendent, shapely, conical, about 1½ inches in length very piquant; excellent for pickles. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**Mexican Chili.** Beautiful and productive; 3 to 4 inches in length, pungent. Pkt. 5 cts., oz. 10 cts., lb. \$1.



PEPPER, NEAPOLITAN.

## PUMPKINS

Calabasa Kurbis Cource

Plant in manured hills 8 feet apart, and leave three strong, healthy plants in each hill. When planted among corn take every fourth row. Keep as far from melons and cucumbers as possible, as they are apt to mix. One pound of seed will plant about 400 hills.

**Large Yellow Mammoth Potiron.** The color is a rich, dark yellow, and the flesh of a little lighter shade, of excellent quality; valuable for pies or for stock feeding. It is a remarkable keeper. Pkt. 5 cts., oz. 10 cts., lb. \$1.50.

**Cushaw (Crook-necked).** Solid flesh, fine and sweet; keeps well. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

Write for Special Quotations on Large Quantities.





PUMPKIN, MAMMOTH TOURS.

**PUMPKINS, Continued**

**Cheese.** Size large; skin reddish orange; flesh thick, fine and sweet; keeps well. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Connecticut Field.** The true eastern kind for stock; seeds much used medicinally. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

**Quaker Pie.** Nearly oval; color creamy white inside and out; flesh sweet and rich; good keeper. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Early Sugar.** Fine-grained, sweet and prolific; small yellow. Pkt: 5 cts., oz. 10 cts., lb. 60 cts.

**Winter Luxury.** A fine keeper and one of the best for pies. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Mammoth Tours, or Jumbo (King of Mammoths).** Is of immense size, often weighing 150 pounds; very productive and good keeper; flesh salmon-color; desirable for cooking purposes and stock feeding. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**FIELD PUMPKINS**

If ordered by mail, add 10 cts. per pound for postage.

**California Field.** Selected; very large. Lb. 15c.

**Large Sweet Field.** Very popular among the local growers; size very large; hardy and productive. Lb. 25 cts.

**SEED POTATOES**

We can supply choice seed in fall or spring. Write us for prices on the following varieties: Early Rose, Early Ohio, White Rose, Triumph and Burbank.

**SWEET POTATOES**

We will be able to supply Potatoes of such varieties as Yellow Nansemond, Large White and Jersey Red during the fall and winter up to February, and plants after March 1.

**RADISHES**

Rabano Radies Radis

The Radish will succeed in any good garden soil not over-moist or too heavy. A sandy loam enriched by well-rotted manure is best. For early and late crops a warm, sheltered situation should be chosen, whilst for those sown in the heat of the summer a rather shady spot must be selected. For a succession sow every two weeks. The ground where the sowing is to be made should be dug deep and raked fine. The seed is generally sown thinly broadcast, in beds 4 to 5 feet wide, with 1-foot alleys between. One ounce of seed will sow about 50 feet of drill or a bed of 40 square feet.

**Crimson Giant Turnip.** Twice as large as any of the Turnip shape varieties, but notwithstanding its large size it does not get hollow or pithy; the flesh is white, solid, crisp and of mild flavor. Excellent for forcing on open ground. Pkt. 10 cts., oz. 20 cts., lb. \$1.

**Early Scarlet Globe.** This superb variety is undoubtedly the best-known Radish in cultivation. Very solid, bright red color and of unequaled quality; is highly recommended for market use. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Scarlet Turnip.** An excellent early variety; crisp and tender. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Scarlet Turnip, White-tipped.** An early variety of excellent quality. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Scarlet Olive-shaped.** Oval; very early and handsome; flesh rose-colored, tender and brittle. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**French Breakfast.** A fine early variety; olive-shaped; scarlet body with white tips. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Early Long Scarlet Short Top.** Roots long; pinkish color; flesh white and crisp. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**White Strasburg.** One of the most valuable summer Radishes. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

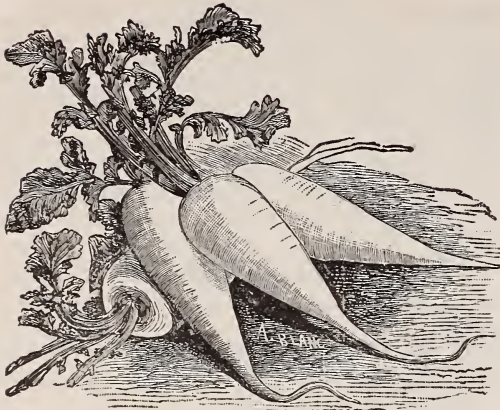
**Long White Icicle.** In form half-long, pure white and very crisp. Very quick in growth and of delicious flavor. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Black Spanish Winter, Long.** Grows to a large size, of oblong shape; quite solid. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.



RADISH, SCARLET, OLIVE SHAPE.

Write for Special Quotations on Large Quantities.



RADISH, WHITE ICICLE.

## RHUBARB, or PIE PLANT

Ruibarbo Rhabarber Rhubarbe

Sow the seed early in the spring in drills 18 inches apart and cover 1 inch deep; thin the plants to 6 inches apart and keep them free from weeds. When the plants are one year old, remove to prepared beds and place 4 feet apart each way. Do not cut until the second year; apply manure every fall.

**New Crimson Winter.** This splendid acquisition was introduced by Luther Burbank a few seasons ago, and so popular has it been with the public that it is almost impossible to supply the demand. It is six months earlier than the earliest varieties, and what is more, it is ever-bearing and can be made to bear when there is no other Rhubarb in the market. The stalks are of medium size and entirely stringless, of

**Monarch, or Giant.** Superior variety of large size. Pkt. 5 cts., oz. 15 cts., lb. \$1.50.

**Rhubarb Roots.** Large clumps. Each 10 cts., doz. \$1, postage extra.

### ROSELLE

Hibiscus Rossella Subdorifa

The plants grow from 3 to 6 feet high and bear an abundance of handsome flowers, followed by fruit enclosed in a thick, fleshy calyx, from which is made an excellent jelly resembling, but an improvement upon, that made from black currants. Pkt. 10 cts., oz. 50 cts.

### Salsify, or Vegetable Oyster

Ostion Vegetal Haferwurzels Salsifs  
Cultivate the same as parsnips.

**Long White.** Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Sandwich Island.** Of enormous size, very tender and delicious. Pkt. 5 cts., oz. 15 cts., lb. \$1.25.



SPINACH, PRICKLY.

### RADISHES, Continued

**Black Spanish Winter, Round.** Similar to the above except in form. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**California Mammoth White.** A winter sort introduced into California by the Chinese; 8 to 12 inches long and 2 inches in diameter; flesh white, firm and of excellent flavor. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

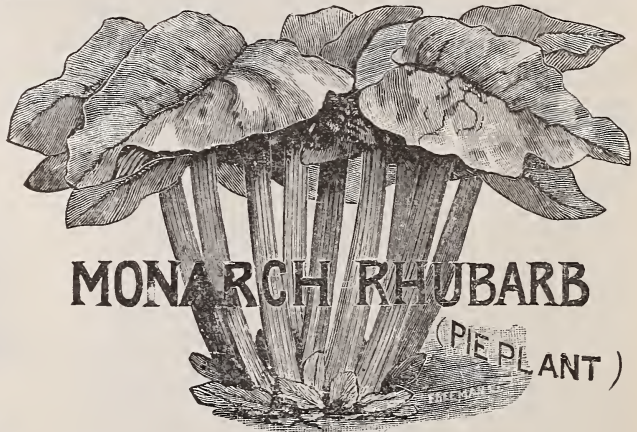
**China Rose Winter.** Medium size, oblong, of a bright rose color; one of the best varieties for winter use. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Mixed Radishes.** Supply a nice assortment for the table; of all colors and sizes. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

### HORSE-RADISH ROOTS

No garden should be without this pungent vegetable. Cut the roots into small pieces, saving the eyes, and plant in rows 18 inches apart and 2 feet between the rows. Doz. 15 cts., 100 \$1.

a clear crimson color and of the best quality. It is much sweeter than the older sorts and requires less sugar in cooking. Admirably adapted for the market-gardener for shipping to the eastern markets or the home garden. Pkt. 10 cts., ¼ oz. 25 cts., oz. 75 cts., lb. \$10. Strong roots that will bear this season, 25 cts. to 35 cts., according to size.



## MONARCH RHUBARB

(PIE PLANT)

## SPINACH

Espinaca Spinat Epinard

For summer use sow early in spring, in drills 1 foot apart, and thin the plants 5 inches from each other in the row. For winter and spring use, sow in September. One ounce of seed will sow about 50 foot of row.

**Bloomsdale, or Savoy-leaved.** The earliest of all the varieties, and one of the best for autumn planting for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy cabbage. Pkt. 5 cts., oz. 10 cts., lb. 35 cts.

**Round, or Summer.** For early spring planting; leaves large, thick and compact. Pkt. 5 cts., oz. 10 cts., lb. 35 cts.

**Long-standing.** Remains a long time before running to seed. Pkt. 5 cts., oz. 10 cts., lb. 35 cts.

**New Zealand.** Abundant producer throughout the summer; transplant 3 feet apart each way. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**Prickly or Fall.** Very hardy; used for fall planting; long, thin leaves. Pkt. 5 cts., oz. 10 cts., lb. 35 cts.

Write for Special Quotations on Large Quantities.



SQUASH, MAMMOTH CHILI.

## SQUASHES

Calabacera Kurbiss Courge

Light, warm soil is best adapted to the growth of the Squash. The seed should not be sown until all danger from frost is past. Plant in hills, prepared in the same manner as for cucumbers and melons, the bush kinds about 4 feet apart, and the running varieties from 6 to 9 feet apart, according to their nature, as some will run more than others. Plant about one-half dozen seeds in each hill. The earth about the plants should be kept loose and clear from weeds until runners are well started. Cutting off the leading shoots of the running varieties is recommended as having a tendency to promote growth and early maturity of the fruit. One ounce of seed will plant from 15 to 50 hills.

**Early White Bush Scalloped.** An early variety, well-flavored and productive; excellent for the market. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Long Island White Bush.** An improved strain of Early White Scalloped Bush; very prolific. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Early Golden Bush Scalloped.** Similar in shape to the white. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Summer Crook-Neck.** This is the richest summer Squash; very early and productive. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Hubbard.** The best of all winter varieties; grows to a large size. Pkt. 5c., oz. 10c., lb. 75c.

**Long White Vegetable Marrow.** An English Squash of very superior flavor. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Mammoth Chili.** Grows to immense size, often weighing over 200 lbs.; very productive. Pkt. 5 cts., oz. 10 cts., lb. \$1.

**Fordhook.** One of the best winter sorts; fine quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.

**Pike's Peak, or Sibley.** Entirely original and distinct considered an improvement on the Hubbard. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**Boston Marrow.** A standard fall Squash of rich orange color; very productive; keeps well. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

**California Large Field.** A very large Squash, often called pumpkin; grows to an immense size, frequently weighing over 100 lbs. Lb., postpaid, 25 cts.

## SORREL

Acedera Sauerampfer Oseille

**Large-leaved French.** Used for salads. Pkt. 5 cts., oz. 15 cts., lb. \$1.25.

## TOMATOES

Gitomate Liebesapfel Tomato

Sow the seed in frame or sheltered bed. When the plants are 2 or 3 inches high, thin them out and set them in pots or in another bed, to give them room and make them "stocky." When 5 or 6 inches high, if the weather be warm and settled, transplant them to open ground, selecting a rainy day if possible; in the absence of rain, water and protect till well rooted. Set plants 4 feet apart each way; support by driving two or three stakes around each plant and encircle with as many barrel hoops; this will serve to keep the fruit off the ground. One ounce of seed will produce 3,000 plants. The Tomato requires a rather light soil to ripen early, but if handsome fruit and a plentiful crop be desired, very rich soil should be selected.

Write for Special Quotations on Large Quantities.

**TOMATOES, Continued**

**June Pink.** A smooth purple fruited tomato, maturing very early, resembling the Earliana in shape and size, differing only in color. Large size, earliness and good quality are its chief characteristics, and we are confident it will become popular with growers for early market. Pkt. 10 cts., oz. 50 cts., lb. \$6.

**Sparks' Earliana.** The earliest large Tomato yet introduced of uniform shape, very solid, of fine appearance and splendid quality. A prolific bearer and highly prized by market gardeners for shipping to early markets. Pkt. 5 cts., oz. 40 cts., lb. \$3.

**Chalk's Early Jewel.** Nearly as early as the celebrated Earliana. Fruits are large and of fine flavor. Pkt. 5 cts., oz. 40 cts., lb. \$3.

**Germain's Winter Queen.** A new Tomato remarkable for its earliness and size. Of handsome shape, solid and of the finest quality; contains very few seeds and is one of the most productive sorts grown. Pkt. 10 cts., oz. 50 cts., lb. \$4.

**Beefsteak.** The favorite late Tomato for the home-garden in Southern California. Pkt. 5 cts., oz. 40 cts., lb. \$4.

**New Stone.** A splendid variety for shipping; bright scarlet, large, smooth and firm; excellent quality and one of the best for general use. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**Crimson Cushion.** Of large size, often weighing one pound; nearly round, solid and smooth; color rich crimson, delicious for slicing on account of its superb quality. Pkt. 5 cts., oz. 30 cts., lb. \$3.

**Ponderosa.** Grows to enormous size, sometimes weighing from two to three pounds each; very smooth and solid. Pkt. 10 cts., oz. 40 cts., lb. \$4.

**Yellow Plum.** Fruit plum-shaped, of clear, deep yellow color. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**Yellow Peach.** Beautiful clear yellow color. Pkt. 5 cts., oz. 25 cts., lb. \$2.50.

**Dwarf Champion.** An early and distinct variety, medium in size; plant of dwarf and compact growth. Pkt. 5 cts., oz. 30 cts., lb. \$2.50.

**Strawberry, or Ground Cherry.** A distinct species; grows enclosed in a husk; excellent for preserves. Pkt. 10 cts., oz. 35 cts., lb. \$3.50. We carry in stock the following varieties at the uniform price of pkt. 5 cts., oz. 20 cts., lb. \$2. : Acme, Beauty, Perfection, Favorite, Atlantic Prize, Royal Red, Trophy, Early Richmond, etc.



TOMATO, CHALK'S EARLY JEWEL.

**TOBACCO**

Tabaco Tabak Tabac

The seed may be started in hotbeds or sown in the open as soon as the ground is warm, in rich, dry soil; rake off the bed and sow broadcast, pressing down firmly and evenly, covering the seed very slightly; keep free from weeds and water frequently if the weather is dry; set out when all chance of frost is past, 2 feet apart, in land that has been heavily manured with wood ashes, if obtainable; brush burned on the ground will answer the purpose. One ounce will sow 25 square feet and produce plants for one acre.

**Havana.** Bearing a fine-colored leaf, varying from straw-color to dark brown or black; it surpasses all other varieties in flavor for cigars; heavy cropper, fine texture, and the earliest variety to mature and ripen.

**American-Grown.** Pkt. 10 cts., oz. 30 cts., lb. \$3.

**Cuban Grown (Vuelta de abajo).** Pkt. 10 cts., oz. 60 cts., lb. \$6.

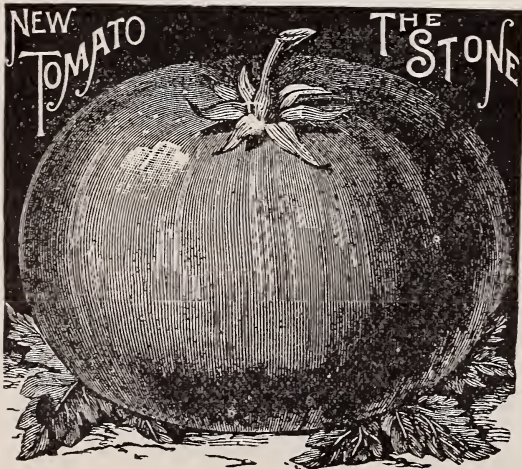
**Connecticut Seed-Leaf.** Grows to a height of about 5 feet, with leaves 2½ to 3 feet in length and from 15 to 20 inches broad; one of the best varieties for cigar wrappers. Pkt. 5 cts., oz. 30 cts., lb. \$3.

Prices on other varieties on application.

**TURNIPS**

Nabo Reube Navet

For early crops sow the Early White Flat Dutch or Munich during the winter; and for summer crops sow any of the other varieties at intervals of a fortnight until June, in drills 12 inches apart; cover the seed lightly unless the season be very dry; thin out the plants to 6 or 8 inches apart. For fall or winter use, sow the Golden Ball or Purple-Top Strap-Leaf. Success in raising Turnips depends greatly on the selection of soil, and its subsequent preparation, as well as the quality of the seed.



Write for Special Quotations on Large Quantities.

**TURNIPS, Continued**

- Early Purple-Top Milan.** One of the earliest varieties. Pkt. 5 cts., oz. 10 cts., lb. 80 cts.
- Early White Egg.** An egg-shaped variety for spring and fall sowing; flesh firm, fine-grained, mild and sweet. Pkt. 5 cts., oz. 10 cts., lb. 60c.
- Early White Flat Dutch.** White flesh, medium size, quick growth. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.
- Golden Ball.** Round, smooth English Turnip of fine quality skin bright yellow; good keeper. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.



RUTABAGA, PURPLE TOP.



PURPLE TOP STRAPLEAF.

**Purple-Top Strap-Leaf.** Very productive, matures quickly; flesh white and sweet. Pkt. 5 cts., oz. 10 cts., lb. 60 cts.

**RUTABAGA, or SWEDISH TURNIP**

- Improved Yellow Purple-Top.** The old, popular standard sort, both for stock-feeding and table use; flesh yellow, solid and sweet. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.
- Large White.** A very superior white-fleshed variety of large size and fine quality. Pkt. 5 cts., oz. 10 cts., lb. 50 cts.

## Culinary Roots and Plants

Note. When ordered to be sent by mail, remit, in addition to price: for asparagus roots, 50 cts. per 100; cabbage, cauliflower, celery, sweet potato, tomato plants, pepper and horse-radish roots, 5 cts. per dozen, 35 cts. per 100; rhubarb roots, 5 cts. each; eggplants, 15 cts. per doz.; hop-vine roots, 2 cts. each; chives, 3 cts. per clump.

- Asparagus.** One-year-old roots—\$1 per 100, \$7 per 1,000.
- Cabbage Plants.** Early Winnigstadt, Henderson's Early Summer and Premium Flat Dutch. 40 cts. per 100, \$3 per 1,000.
- Cauliflower Plants.** Early Erfurt, Snowball and large Algiers. \$1 Per 100, \$7.50 per 1,000.
- Chives, or Schuitlauch.** For flavoring soups, salads, etc. 5 cts. per clump, 50 cts. per doz.
- Eggplants.** New York Improved Large Round purple; grown in pots. 75 cts. per doz.
- Pepper plants.** Chili, Large Bell or Bull Nose, Sweet Mountain, etc. 25 cts. per doz., \$1.25 per 100.
- Hop Vine Roots.** 50 cts. per doz., \$3.50 per 100.
- Horse-radish Roots, or Sets.** Thrive best in low, damp land. Plant in rows 2 feet apart, and in the rows 18 inches apart. 15 cts. per doz., \$1 per 100.
- Rhubarb Roots.** Monarch and Victoria, strong roots. 10 cts. each, \$1 per doz., \$ 7.50 per 100.
- New Crimson Winter Rhubarb Roots.** First size, extra large, 35 cts., each; smaller, 25 cts.
- Sweet Potato Plants.** Yellow Nansemond and Large White. 50 cts. per 100, \$4 per 1,000.
- Tomato Plants.** Acme, Beauty, Favorite, New Stone, Perfection, Ponderosa, Trophy. 15 cts. per doz., \$1 per 100.

## Pot, Sweet and Medicinal Herbs

A well assorted selection of the various kinds of herbs should have a place in every garden. Their value in seasoning and flavoring is well known and appreciated. Some kinds are aromatic, while others are used for medicinal purposes. Care should be taken to harvest on a dry day, just before they fully blossom. They may be sown in a sheltered, well-prepared border, merely deep enough to cover the seeds. When the plants appear they should be thinned out to a foot apart. Water carefully with a fine rose watering-pot, and keep the surface soil loose. A slight mulching of fine litter will be found beneficial the first summer. All can be supplied in pkts. at 5 cts. each, 50 cts. per doz. pkts.

- Angelica Garden** (*Archangelica officinalis*). Used on account of its medical qualities. 35 cts. per oz.
- Anise** (*Pimpinella anisum*). Seeds and leaves are both aromatic and carminative. Official and medicinal. 10 cts. per oz.
- Balm** (*Melissa officinalis*). For making Balm tea; valuable in cases of fever. 50 cts. per oz.
- Basil, Sweet** (*Ocymun basilicum*). Culinary herb, used for flavoring soups, etc. 25 cts. per oz.
- Borage** (*Borage officinalis*). Used for salads; excellent for bees. 15 cts. per oz.
- Caraway** (*Carum carui*). Principally cultivated for its seeds, which are used in confectionery and medicine. The under leaves are sometimes used for flavoring soups. 10 cts. per oz.
- Catnip** (*Nepeta cataria*). Has medicinal qualities. \$1 per oz.
- Coriander** (*Coriandrum sativum*). Seeds aromatic; used in confectionery. 10 cts. per oz.
- Cumin** (*Cuminum cyminum*). Leaves and seeds both used for flavoring. 10 cts. per oz.
- Dill** (*Anethum graveolens*). Seeds aromatic much used to flavor pickles. 10 cts. per oz.

Write for Special Quotations on Large Quantities.

**POT, SWEET AND MEDICINAL HERBS, Continued**

**Fennel, Sweet** (*Foeniculum vulgare*). Used for flavoring soups and salads. 10 cts. per oz.  
**Horhound** (*Marrubium vulgare*). Valued highly as a remedy for coughs and pulmonary diseases. 30 cts. per oz.  
**Hyssop** (*Hyssopus officinalis*). The leaves and flowers are dried and used medicinally. 25 cts per oz.  
**Lavender** (*Lavendula vera*). A well-known popular, aromatic plant, used for distilling lavender water, 25 cts. per oz.  
**Marjoram, Sweet** (*Majorana hortensis*). Used for seasoning. 25 cts. per oz.  
**Rosemary** (*Rosmarinus officinalis*). An aromatic herb; the leaves are used for making hairwash. 40 cts. per oz.  
**Rue** (*Ruta graveolens*). Used for medicinal

purposes; also used as a remedy for roup in fowls. 25 cts. per oz.  
**Saffron** (*Carthamus tinctorius*). Used medicinally, and in dyeing. 15 cts. per oz.  
**Sage** (*Salvia officinalis*). Used for dressing and sauces. 20 cts. per oz.  
**Savory, Summer** (*Satureja hortensis*). Used as a culinary herb; annual. 15 cts. per oz.  
**Savory, Winter** (*Satureja montana*). Used as above; perennial. 15 cts. per oz.  
**Tansy** (*Tanacetum vulgare*). Good for bitters and medicinal purposes. 30 cts. per oz.  
**Thyme, Broad-leaved** (*Thymus vulgaris*). Used in soups, sauces and dressing. 30 cts. per oz.  
**Wormwood** (*Artemisia absinthium*). Used for medicinal purposes. 25 cts. per oz.



**GRASSES AND CLOVERS**

If ordered by mail, add 10 cts. per pound for postage. When wanted in large quantities, write us, as the market is continually fluctuating. We are always pleased to submit samples and quote prices.

**CLOVER SEEDS**

**Alfalfa, or Lucerne.** Strictly choice samples, dodder-free. Lb. 25 cts. Write for prices on large lots.  
**Turkestan Alfalfa.** This variety is far superior to the American product in that it withstands drought and cold weather where the other will perish. In addition to this it yields a larger amount of foliage to the plant of a finer texture, and without any rough stems so that stock can eat every particle. Pound 30 cts. Write for prices on larger lots.  
**Burr** (*Medicago maculata*). An excellent fodder plant for dry soils; 12 lbs. to the acre. Cleaned seed, not in the bur, per lb. 20 cts. Seed in bur, lb 10 cts., 100 lbs. \$4.  
**Italian Crimson, or Scarlet** (*Trifolium incarnatum*). Used chiefly as a soil-improver. Lb. 20 cts., 100 lbs. \$14.  
**Mammoth Red, or Cow Grass** (*Trifolium pratense perenne*). More vigorous grower than the common red. Lb. 30 cts.  
**Red.** Should be in all pasture mixtures. Lb. 30 cts.  
**White.** Excellent for lawns; can be sown alone or mixed with Blue Grass. Strictly fancy seed. Lb. 35 cts.  
**Berseem, or Egyptian.** This Clover is said to be especially suited for irrigated lands. It yields heavily in Egypt, growing a little taller than alfafa. It is very succulent and much relished by stock. Lb. 50 cts.

able grass for hay and pasture, especially under irrigation. Lb. 15 cts., 100 lbs. \$9.  
**Perennial, or Australian Rye-Grass** (*Lolium perenne*). Similar to the Italian in habit of growth, but more permanent; good for lawns. Yields abundantly under irrigation. Lb. 15 cts., 100 lbs. \$9.



PERENNIAL RYE-GRASS.

**GRASS SEEDS**

**Bromus Inermis.** Hardy; stands heat and cold well. Adapted for dry regions. Lb. 20 cts., 100 lbs. \$15.  
**Bermuda** (*Cynodon dactylon*). Of great value as a pasture grass in hot countries; also suitable for lawns where Blue Grass fails. Lb. \$1.  
**Red Top** (*Agrostis vulgaris*). Permanent grass for pasture or lawn. Lb. 20 cts., 100 lbs. \$15.  
**Italian Rye-Grass** (*Lolium Italicum*). A valu-

Write for Special Quotations on Large Quantities.

**GRASS SEEDS, Continued**

**Kentucky Blue, Fancy, Clean** (*Poa pratensis*). Our seed is direct from Kentucky and is absolutely pure and free from weeds. Lb. 35 cts., 100 lbs. price on application.

**Orchard.** Valuable for permanent pasture. Stands dry weather. Lb. 25 cts., 100 lbs. market price.  
**Timothy** (*Phleum pratense*). Well suited for moist soils. Makes excellent hay. Lb. 10 cts., 100 lbs. \$8.

**MISCELLANEOUS FODDER PLANTS**

**German Millet.** A valuable fodder plant. Makes excellent hay. Sow 25 lbs. to the acre. Lb. 10 cts., 100 lbs. \$5.

**Hungarian Millet.** Will stand drought and grow on ordinary soil. Lb. 10 cts., 100 lbs. \$5.

**Common Millet.** Very early; abundant foliage. Lb. 10 cts., 100 lbs. \$4.50.

**Italian Millet.** Grows larger than Hungarian. Lb. 10 cts., 100 lbs. \$7.50.

**French White Imported.** Used to feed valuable birds. Lb. 15 cts., 100 lbs. \$12.

**Egyptian Pearl Millet** (*Penicillaria spicata*). Is an excellent fodder plant, attaining a height of 3 feet and over. Highly relished by cattle. Lb. 20 cts., 100 lbs. \$10.

**Johnson Grass** (*Sorghum halepense*). Prefers a hot, dry climate. (Its sale is prohibited in this state.) Sow 30 lbs. to the acre. Lb. 15 cts., 100 lbs. \$10.

**Maud's Wonder Forage Plant.** Of recent introduction. Pronounced by those who have grown it in this vicinity to be of inestimable value. Readily eaten by all cattle; enormous yielder. Oz. 15 cts., lb. \$1.

**Broom Corn, Improved Evergreen.** This variety is more cultivated than any other, on account of the color and quality of its brush, which is of good length, fine and straight, and always green; it brings the highest market price; grows about 7 feet high. Lb. 10 cts., 100 lbs. \$5.

**Broom Corn, Large California Golden.** Very popular for making brooms. Lb. 10 cts., 100 lbs. \$5.

**Broom Corn, Dwarf.** This variety grows about 4 feet high; extra fine for making brushes or whisks. Lb. 10 cts., 100 lbs. \$6.

Sow 12 lbs. of Broom Corn seed of the above varieties to the acre.

**Tagasaste, or Tree Alfalfa.** Grows in shrub form; foliage resembles Alfalfa. Excellent for hill pasture, on account of its habit of growth and great drought-resisting qualities. Pkt. 10 cts., oz. 25 cts., lb. \$2.50.

**Alfilaria** (*Erodium cicutarium*). One of the most nutritious of plants; cattle, sheep, horses and hogs alike prefer it to any other natural product of the plains. It makes the sweetest milk and butter, and the best meat of any of the natural fodder-plants of this state. Sow 20 lbs. to the acre. Lb. \$1. Special prices given on large quantities.

**Australian Salt Bush** (*Atriplex semi-baccatum*). Much relished by stock, supplying the salt so necessary to their well-being. Use one pound of seed to the acre if sown broadcast; four ounces if transplanted. In cutting fodder be careful not to injure the crown of the plants. Oz. 15 cts., lb. \$1.50.

**Australian Salt Bush, "Old Man."** A distinct species and quite different from the *Atriplex semi-baccatum*. It succeeds on alkali land as well, and withstands drought. Plant in hills 6 feet apart each way, several seeds to a hill, thinning out to the two strongest plants. Pkt. 10 cts., oz. 30 cts., lb. \$3.

**Egyptian Corn, or Brown Dhoura.** It is much sweeter than cornstalks, and cattle, horses and hogs will eat it ravenously. The seed is excellent for fowls. Culture same as corn. Sow 5 lbs. to the acre. Lb. 5 cts., 100 lbs. \$2.50.

**Egyptian Corn.** White, similar to above. Lb. 5 cts., 100 lbs. \$2.50.

**Jerusalem Corn.** Fine for fodder. Lb. 5 cts., 100 lbs. \$4.50.

**Kaffir Corn.** Grain is fine for chicken feed; stalks good for fodder. Lb. 5 cts., 100 lbs. \$2.50.

**Milo Maize.** White, nearly as nutritious as corn. Lb. 5 cts., 100 lbs. \$5.

**Rape, Dwarf Essex.** Cultivated for the tops—no roots; excellent cattle food, good for green manuring. Sow 8 to 10 lbs. to the acre. Lb. 15 cts., 100 lbs. \$8.

**Soja Beans.** A substitute for coffee; a forage plant and a soil-improver—30 lbs. plants an acre. Lb. 10 cts., 100 lbs. \$7.50.

**Sorghum, Early Amber.** Rich in fattening matter. Lb. 10 cts., 100 lbs. \$4.

**Sorghum, Early Orange.** Similar to above. Lb. 10 cts., 100 lbs. \$4.

**Sunflower Mammoth Russian.** Lb. 10 cts., 100 lbs. market price.

**Speltz, or Emmer.** A valuable substitute for oats and barley. It outyields oats, barley, wheat, etc., in bushels per acre and is superior to oats and barley for feed. Lb. 10 cts., 100 lbs. \$5.

**Teosinte** (*Reana luxurians*). Resembles corn, but leaves are much larger; very nutritious. Oz. 15 cts., lb. 75 cts.

**Jerusalem Artichoke Roots.** An excellent hog food, said to prevent cholera; produces enormous crops. Cultivate same as potatoes. Price on application.

**Buckwheat, Common.** Buckwheat should be sown broadcast at the rate of about 45 lbs. to the acre. Lb. 5 cts., 100 lbs. \$5.



Jerusalem Corn.

Write for Special Quotations on Large Quantities.

**MISCELLANEOUS FODDER PLANTS, Cont.**

- Buckwheat, Silver Hull.** Excellent for bees. Lb. 10 cts., 100 lbs. \$6.
- Buckwheat, Japanese.** A distinct variety, with grains nearly twice as large as those of the common kind. It is a very heavy cropper and more likely to blight than the other varieties. Lb. 10 cts., 100 lbs. \$6.
- Castor Beans.** Much used for planting in chicken yards to afford temporary shade. Lb. 25 cts.
- Cotton, Sea Island.** Best variety. Oz. 10 cts., lb. 50 cts.
- Cotton, Tenn. Upland.** Sow 25 lbs. to the acre. Oz. 10 cts., lb. 50 cts.
- Flax, or Linseed.** Best Riga. Lb. 10 cts.
- Hop Vine.** (*Humulus lupulus*). Well known. Pkt. 10 cts., oz. \$1.50.
- Pyrethrum Cinerariaefolium.** The plant from which is made the Persian insect powder in Europe, or "Buhach" as made in California. Pkt. 15 cts., oz. \$1.
- Lathyrus sylvestris Wagnerli** (Flat Wood Pea). Is twice as nutritious as alfalfa and of equal value with oil cake for feeding purposes. Perennial, lasting over 50 years, the roots penetrating into the subsoil from 10 to 18 feet. Oz. 20 cts., lb. \$2.
- Wild Rice** (*Zizania Aquatica*). Largely used for sowing on the edges of lakes and streams as an attraction for wild fowls. Sow the seed in from 1 to 3 feet of water, having a soft, muddy bottom. Pound 30 cts., quantity price on application.



JAPANESE BUCKWHEAT.

**VIRGINIA PEANUTS**

Plant when the weather is warm. A warm, porous, sandy soil is best suited for the growth of the Peanut, and it must be put into a good friable condition and freed from weeds, and kept so during the period of cultivation. The distribution of 200 to 300 pounds of lime to the acre will greatly increase the crop, besides insuring solid pods. Remove the pods carefully without injuring the kernel, and place the contents in bags or baskets, a small quantity in each, where there is a free circulation of air, until needed for planting. Reject all shriveled and dark-colored kernels. It requires 50 pounds of Peanuts in the hull, to seed an acre. Plant in rows 3 feet apart and one foot apart in the row. Cultivate often and keep the ground loose, as after the blossoms drop the peduncles enter the loose soil at the base and form the Peanut. First quality, lb. 15 cts., 100 lbs. market price.

**SEEDS FOR COVER CROPS****VETCHES, FIELD PEAS, BURR CLOVER**

We are headquarters for seeds for planting in orchards for cover crops. No up-to-date orchardist would think of allowing a season to pass without planting some of the legumes to plow under in the spring. In this way not only is the moisture kept in the soil, but a great benefit is done to the following crop. All pod bearing plants are great nitrogen-gatherers, having power to collect it from the air and transmit it to the soil when plowed under. We strongly recommend that orchardists who have been using part of their orchard to either of the following commercial fertilizers entirely to at least plant legumes:

**Spring Vetches, or Tares.** Growing into favor more and more each year for plowing under. They have the advantage over peas in that they make a greater growth of vine, while the seed is much smaller in proportion to peas; a smaller quantity is required to plant an acre. They are valuable also as a green food for milch cows. Sow 40 pounds to the acre. Lb. 10 cts., 100 lbs. and ton prices on application.

**Field Peas, White Canadian.** Highly valued for plowing under in orchards as a soil-improver. Lb. 5 cts., 100 lbs. \$3.50. Prices subject to change.

**Field Peas, Blue Prussian.** Similar in habit of growth to the white; splendid for cooking when in a dry state; also used for plowing under to fertilize the soil. Lb. 5 cts., 100 lbs. \$3.50. Prices subject to change.

**Burr Clover.** A native of California, somewhat resembling alfalfa in the shape and color of the seed, also in its habit of growth. It is a great nitrogen-gatherer and highly valued for pasture as well. Orchardists regard it with great favor as a green fertilizer, as it often thrives in shady places where peas fail to make a good stand. Hulled, solid seed, free from burr, lb. 20 cts., 100 lbs., price on application. Burr Clover, in the burr, lb. 10 cts., 100 lbs. \$4. Prices subject to change. Write for prices on large lots.

**Double your crops of the above legumes by inoculating before planting with Nitrogen Cul-**

**ture, the greatest agricultural discovery of the century, recommended by the United States Department of Agriculture and agricultural experts throughout the world. See page 29 for full particulars and prices. Do not fail to give it a trial.**

**Vetch, Sand, or Winter** (*Vicia villosa*). A valuable forage plant from Europe, and now in great demand here. It will thrive on the most barren soils and produce two cuttings during the season; also valuable for plowing in as a green manure. It may be sown alone or together with rye. The latter method is preferable; as the vetches grow from 3½ to 5 feet, the rye will afford support for them. Sow from 25 to 30 lbs. to the acre. Lb. 15 cts., 100 lbs. \$12.

**COW PEAS**

Sow 40 to 50 pounds to the acre.

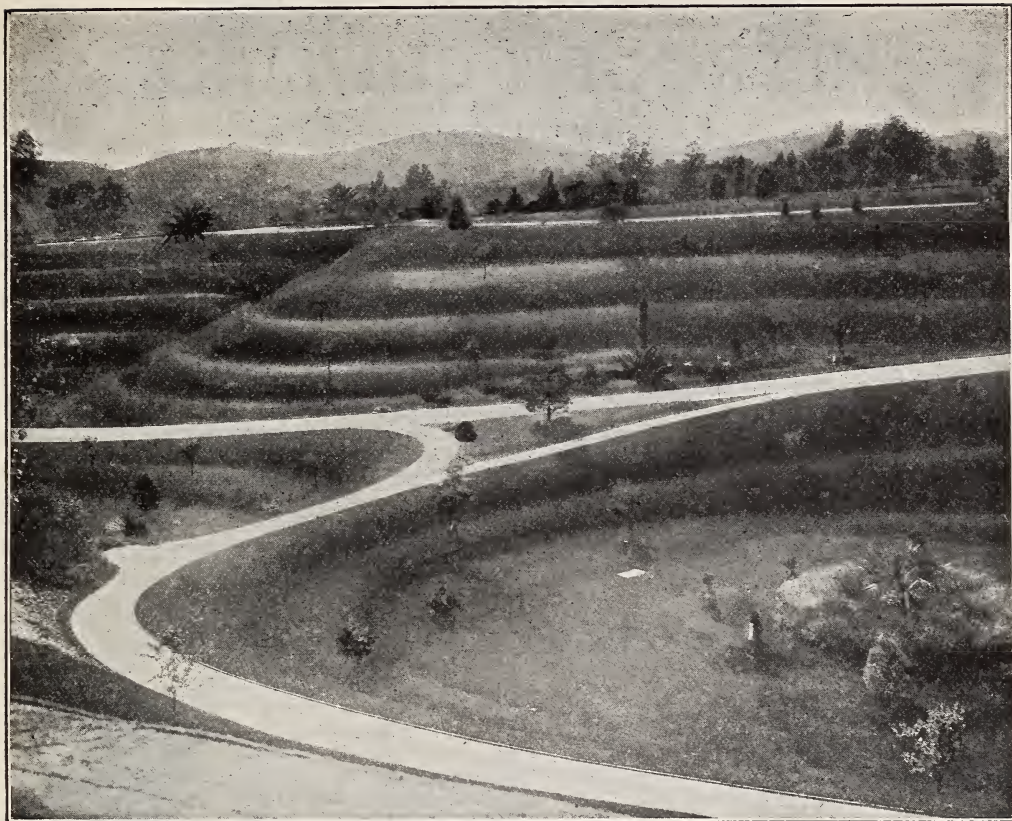
**Whippoorwill.** A bunch-growing variety; great favorite; brown speckled seed. Lb. 10 cts., 100 lbs. \$7.

**Black Eye.** Used in some sections as food. Lb. 5 cts., 100 lbs. \$4.

**FENUGREEK**

**Fenugreek.** Admirably adapted for sowing in orchards for cover crop; stands erect and makes a stronger growth than Peas. Sow at the rate of 20 pounds to the acre. Per lb. 15 cts., 100 lb. prices on application.





LAWNS AND TERRACES.

## Hints on the Formation of Lawns

In the first place, see that the ground is well prepared. Dig or plow the ground to the depth of 8 inches. Afterwards harrow or rake carefully and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 150 pounds to the acre (for Blue Grass) 1 pound to 16 feet square. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and every week or so thereafter until the grass has become firm. Eradicate weeds whenever they appear, without disturbing the grass. Should bare spots appear, rake the surface and sow more seed. The roller should be used more frequently during the season and a dressing of stable manure or lawn fertilizer once a year is necessary to the maintenance of a good lawn.

**Lippia Repens.** The new lawn grass, just the thing for those who are unable to get good results from Blue Grass. Produces a splendid sward and stands drought and heat extremely well. It has been known to flourish here from April to October without rain, a fact which should recommend it in localities where there is a scarcity of water. Sold in flats of sod 18 inches square. Cut the sod up into small pieces an inch square and plant 1 foot apart each way. Price \$1 per box, 10 boxes \$8.

**Kentucky Blue Grass.** The seed we offer is

fancy cleaned, the purest grade obtainable. Per lb. 35 cts., 100 lbs. price on application.

**White Clover.** We offer strictly first-class seed, clean and pure. Per lb. 35 cts., 5 lbs. \$1.50.

**Australian, or Perennial Rye Grass.** Used extensively in some localities for lawns on account of its hardness. Per lb. 15 cts., 10 lbs. \$1.25.

**Lawn Fertilizer.** Our own brand. Per lb. 5 cts., 100 lbs. \$2.50.

**Fine Ground Bone Meal.** 100 lbs. \$2.50.

Write for Special Quotations on Large Quantities.

# Double the Yield of Your Crops With NITROGEN CULTURE

The Greatest Agricultural Discovery of the Century!

The germs have been discovered, and are to be had in unlimited quantity, that enable leguminous plants to collect nitrogen from the air and give it to the earth, thereby replenishing poor and exhausted land with a copious supply of nitrogen, and also making good soil more productive. Does away with artificial manure; saves time and labor; is convenient to handle, effective in results, and at the minimum of cost. **Don't fail to try it and be convinced.**

The method of application is simplicity itself, consisting in inoculating the seed that is about to be planted as a crop to turn under as green manure. This is accomplished by using cotton as a carrier for the nitrogen-gathering bacteria and then allowed to dry, rendering the same dormant and inactive. In this way it is readily handled as an article of commerce.

These dry cultures are accompanied with necessary packages of chemical foods, which, when mixed in a solution according to directions, produce vast numbers of bacteria. The seeds moistened with the solution before planting cause the germs to form abundant nodules on the roots, bringing profuse growth to the plants and adding nitrogen to the soil.

The following list comprises all the pod-bearing family that are in general use throughout the United States, and we carry a special culture for each, and would specially call the attention of private parties, market-gardeners, etc., that we have always on hand packages of a size to suit either small or large gardens, and we strongly recommend their use in the home garden for such crops as garden peas, beans, alfalfa, white clover, sweet peas, peanuts, etc.

## Comparative Cost Per Acre

Alfalfa.....	per acre	\$1.50
Red Clover.....	per acre	1.50
Crimson Clover.....	per acre	1.50
White Clover or Alsike.....	per acre	1.50
Japan Clover.....	per acre	1.50
Bur Clover.....	per acre	1.50
Vetch.....	per acre	1.50
Field Peas.....	per acre	1.50
Garden Peas.....	half-acre	.75
Sweet Peas.....	half-acre	.75
Cow Peas.....	one acre	1.50
Garden Beans—String, Kidney, Wax, Lima and Navy.....	one acre	1.50
Soy Beans.....	one acre	1.50
Horse Beans.....	one acre	1.50
Velvet Beans.....	one acre	1.50
Peanuts.....	one acre	1.50

Sample packages 25 cts., 1/4-acre 50 cts., 5-acre \$5, 10-acre \$8, 20-acre \$16, for above list of seeds.



UNINOCULATED AND  
INOCULATED ALFALFA.

## Flower and Vegetable Garden

A CONCISE CALENDAR OF OPERATIONS THROUGHOUT THE YEAR. ESPECIALLY ADAPTED FOR SOUTHERN CALIFORNIA

### JANUARY

**Flower Garden.**—Continue to plant lilies. All kinds of evergreen and deciduous shrubs can now be planted. The planting of hyacinths, tulips, narcissi, etc., should be completed this month. Hardy annuals may be sown out-of-doors, and, where artificial heat is obtainable, half-hardy annuals may be sown. A hotbed of stable manure is easily prepared by piling it 4 or 5 feet in height, well watered and trampled down, over which place a large box or frame, with glass sash, taking care to air and sweeten the bed well before using.

**Vegetable Garden.**—For main crop sow broccoli, carrot, chicory and parsnip. At the end of

the month, in warm, sheltered situations, Early Rose potatoes may be planted. Plant asparagus, horse-radish and rhubarb roots. These all require deeply worked ground. Dress beds already planted with about 3 inches of well-rotted manure. Cucumbers, eggplant, melons, peppers, squashes and tomatoes may be sown under glass for after-planting. A safe plan is to sow about 5 seeds of each variety on reversed pieces of sod, about 4 inches square. On planting in the ground, insert the sod with the growing plants and firm the soil in the usual way. By this method the growing plants will suffer no injury. Stick and hill up peas and other crops requiring it, and attend strictly to cleanliness.

FLOWER AND VEGETABLE GARDEN CALENDAR, *Continued*

FEBRUARY

**Flower Garden.**—General planting of evergreens and shrubs should be completed as soon as possible. Also finish planting lilies, anemones and ranunculi. Commence planting gladiolus bulbs for succession. Sow hardy annuals out-of-doors, especially sweet peas, and half-hardy annuals as recommended for last month. This is the best month in which to sow acaia seeds. Soak for 24 hours before sowing, or, where practicable, spread dry leaves or bushes over the beds after sowing and watering and set fire to them. This is the best manner of sowing all hard tree seeds.

**Vegetable Garden.**—This and the next month will be the busiest of the year in this department, as nearly all crops may be sown in these two months. (See reference table for varieties to be sown). Continue planting asparagus and other roots as recommended for last month. Plant main crop of potatoes. Attend to weeding and hilling up. Thin out turnips, carrots and other root crops requiring it.

MARCH

**Flower Garden.**—Continue planting gladioli bulbs for succession. All hardy and half-hardy annuals may be sown in the open ground this month. Alternanthera and other border plants can be planted with safety, as all danger from even slight frost is now over.

**Vegetable Garden.**—Nearly all vegetable seeds may be freely sown this month. (See reference table.) Plant out cucumbers, melons and other plants previously sown under glass. Hill up rows, keep down insects, slugs and vermin, and attend strictly to cleanliness.

APRIL

**Flower Garden.**—Plant dahlias, gladioli, tuberoses, tigridias, tuberous begonias and all summer-flowering bulbs. Continue sowing hardy and half-hardy annuals. Watch rose-bushes, and if troubled with green aphid, use tobacco dust freely.

**Vegetable Garden.**—(See reference table for varieties to be sown.) Plant out eggplant, pepper, tomato and sweet potato plants, the latter in light, rich soil, well worked, in rows 6 feet apart, and 2 feet in the rows, and keep the soil well worked. Cultivate well and hill up as required.

MAY

**Flower Garden.**—As hyacinths, tulips, narcissi, etc., die down, the bulbs should be dug up, and stored away in a cool, dry place till fall, when they may be replanted. The vacancies thus created should be filled with other flowering plants. Half-hardy and other annuals may still be sown, and summer-flowering bulbs be planted. The garden should now be brilliant with flowers, and all sowing, planting and general cleaning up should be completed this month, ready for the summer season.

**Vegetable Garden.**—Pinch out points of shoots of cucumbers, melons, squash, etc., as soon as they commence flowering. Sow vegetable seeds for succession (see reference table), and keep surface of soil well broken.

JUNE

**Flower Garden.**—Trim edgings of borders and hedges, and carefully attend to watering. Dahlias and gladioli may still be planted. Sow eucalyptus and cypress seeds for winter planting.

**Vegetable Garden.**—(See reference table for varieties that may be sown for succession.) Hill up all growing crops and stick pole-beans and tall peas as required.

JULY

**Flower Garden.**—Continue to dig up and store bulbs as they ripen. Trim edgings and hedge-rows and sow perennial flower seeds in shady situations. Continue sowing eucalyptus and cypress seeds.

**Vegetable Garden.**—Cultivate well between the rows. Sow vegetable seeds for succession, as per reference table. If manure is used during this hot month, it should be in liquid form.

AUGUST

**Flower Garden.**—This is the best month in the year in which to sow hardy perennials. Most varieties if sown this month will flower the next year. (See remarks on culture in body of list.) Also sow calceolaria, cineraria, pansy and primula seeds. (See special remarks on culture of tender annuals.) Continue sowing eucalyptus and cypress seeds.

**Vegetable Garden.**—Plant second crop of potatoes. Sow cabbage, cauliflower and spinach for main crops, and others mentioned in reference table for succession.

SEPTEMBER

**Flower Garden.**—Commence planting hyacinths, tulips, anemones and other Dutch bulbs toward the end of the month. Frick off calceolarias, cinerarias and primulas sown last month, into small pots, and continue sowing same for succession. Pansies can be grown better transplanted into a well-manured bed than in pots, as they are not so liable to be attacked by the red spider. Pansy seed may be sown for succession until the end of November. Also sow all the hardy annuals and perennials.

**Vegetable Garden.**—Many varieties of vegetable seeds may be sown this month. (See reference table.) Plant out cabbage and cauliflower plants sown in July.

OCTOBER

**Flower Garden.**—Hyacinths and other Dutch bulbs should be planted freely this month; also early lilies. Cineraria and primula seed may still be sown for late flowering. Continue sowing hardy annuals.

**Vegetable Garden.**—Sow largely peas, onions and spinach for main crop; also other seeds for succession, (see reference table), especially winter radishes.

NOVEMBER

**Flower Garden.**—Continue planting hyacinths and other Dutch bulbs, and lilies of all kinds; also plant roses, evergreens and deciduous shrubs of all kinds. Form new lawns and renovate old ones (for which we recommend our special lawn fertilizer, at the rate of 600 pounds per acre). Carry out landscape alterations, if required; dig and manure borders, and energetically proceed with all heavy work.

**Vegetable Garden.**—Sow seeds as recommended in reference table for this month, and hill up young crops. Keep the ground thoroughly clean, and dig or plow manure in all unoccupied ground for future use. Keep down slugs by free use of Hammond's Slug Shot, salt, lime, or any other dressing which is beneficial to the growing crops.

DECEMBER

**Flower Garden.**—Operations same as last month.

**Vegetable Garden.**—Operations same as last month.

Reference Table Showing at a Glance the Best Time to Plant the Different Kinds of Seeds and Plants.

VARIETY	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Artichoke, Globe			S	S								
Asparagus (seed)			S	S								
Asparagus (roots)	P	P	P								P	P
Beet, Table Varieties	S	S	S	S			S	S	S			
Beans, Broad or English	S	S	S	S	S	S	S		S	S	S	S
Beans, Dwarf or Bush		S	S	S	S	S	S					
Beans, Pole		S	S	S	S	S	S					
Broccoli	S	S					S	S	S	S	S	S
Brussels Sprouts	S	S					S	S	S	S	S	S
Cabbage, Early (seeds)	S	S	S					S	S	S	S	S
Cabbage, Early (plants)		P	P	P					P	P	P	P
Cabbage, Late (seeds)			S	S	S	S						
Cabbage, Late (plants)				S	P	P	P					
Carrot	S	S	S	S	S			S	S	S	S	S
Cauliflower (seeds)	S	S	S	S	S		S	S	S	S	S	S
Cauliflower (plants)		P	P	P	P			P	P	P	P	
Chervil			S	S	S				S	S		
Chives	P	P	P	P	P				P	P	P	P
Collards		S	S	S	S							
Chicory		S	S	S	S							
Corn, Sweet			S	S	S	S						
Corn, Salad		S	S	S	S	S						
Cress	S	S	S	S	S	S	S	S	S	S	S	S
Cucumber			S	S	S	S						
Dandelion		S	S	S	S				S	S		
Eggplant (seeds)			S	S	S	S						
Eggplant (plants)			P	P	P	P	P					
Endive		P	P	S	S			S	S	P	P	S
Garlic (sets)		P	P	P	P			P	P	P	P	P
Horse-radish (sets)		P	P	P	P							
Kale	S	S	S	S	S		S	S	S	S	S	S
Kohlrabi	S	S	S	S	S			S	S	S	S	S
Leek	S	S	S	S	S			S	S	S	S	S
Lettuce	S	S	S	S	S	S	S	S	S	S	S	S
Melons, Musk and Water			S	S	S	S						
Mustard	S	S	S	S	S	S	S	S	S	S	S	S
Okra			S	S	S	S						
Onion (seeds)			S	S	S	S		S	S	S	S	S
Onion (sets)	P	P	P	P	P					P	P	P
Parsley	S	S	S	S	S			S	S	S	S	S
Parsnip	S	S	S	S	S			S	S	S	S	S
Peas	S	S	S	S	S	S	S	S	S	S	S	S
Pepper (seeds)			S	S	S	S	S					
Pepper (plants)			P	P	P	P	P					
Potato (sets)		P	P	P	P	P	P	P				
Potato, Sweet (plants)				P	P	P						
Pumpkin			S	S	S	S						
Radish	S	S	S	S	S	S	S	S	S	S	S	S
Rhubarb (seeds)		S	S	S	S							
Rhubarb (roots)	P	P	P	P	P						P	P
Salsify			S	S	S	S						
Spinach	S	S	S	S	S	S	S	S	S	S	S	S
Tobacco			S	S	S	S						
Tomato (seeds)	S	S	S	S	S	S						
Tomato (plants)			P	P	P	P						
Turnip		S	S	S	S	S	S	S	S	S		
Turnip, Swede, or Rutabaga		S	S	S	S	S	S	S	S			
Herbs			S	S	S	S			S			
AGRICULTURAL SEEDS.												
Beet, Sugar		S	S	S	S					S	S	
Beet, Mangel-wurzel, for stock		S	S	S	S					S	S	
Clover, Scarlet Italian				S	S			S	S	S	S	
Clover, Other Sorts		S	S	S	S			S	S	S	S	
Grass, Bermuda			S	S	S	S				S	S	
Grass, Other Sorts	S	S	S	S	S	S		S	S	S	S	S
Millet, German		S	S	S	S	S	S					
Sorghum, or Sugar Cane			S	S	S	S	S					

# Useful Tables for the Farmer and Planter

## SOWING TABLE FOR THE GARDEN

Quantity of seed required to produce a given number of plants, or to sow a given quantity of ground

Artichoke.....	1 oz. to 500 plants	Melon, Water.....	1 oz. to 30 hills
Asparagus.....	1 oz. to 60 ft. of drill, 500 plants	Melon, Musk.....	1 oz. to 100 hills
Beans, Dwarf.....	1 lb. to 50 ft. of drill	Okra.....	1 oz. to 50 ft. of drill
Beans, Tall.....	1 lb. to 75 hills	Onion seed.....	1 oz. to 100 ft. of drill
Beet.....	1 oz. to 50 ft. of drill	Onion, Top Sets.....	1 lb. to 60 ft. of row
Broccoli.....	1 oz. to 2,000 plants	Onion, Bottom Sets.....	1 lb. to 75 ft. of row
Brussels Sprouts.....	1 oz. to 2,000 plants	Parsnip.....	1 oz. to 100 ft. of drill
Cabbage.....	1 oz. to 2,000 plants	Parsley.....	1 oz. to 100 ft. of drill
Carrot.....	1 oz. to 150 ft. of drill	Peas.....	1 lb. to 50 ft. of drill
Cauliflower.....	1 oz. to 2,000 plants	Pepper.....	1 oz. to 1,000 plants
Celery.....	1 oz. to 5,000 plants	Pumpkin.....	1 oz. to 25 hills
Chicory.....	1 oz. to 100 ft. of drill	Radish.....	1 oz. to 50 ft. of drill
Corn.....	1 lb. to 150 hills	Salsify.....	1 oz. to 50 ft. of drill
Cress.....	1 oz. to 100 ft. of drill	Sage.....	1 oz. to 100 ft. of drill
Cucumber.....	1 oz. to 100 hills	Spinach.....	1 oz. to 50 ft. of drill
Eggplant.....	1 oz. to 2,000 plants	Squash, Early.....	1 oz. to 50 hills
Endive.....	1 oz. to 3,000 plants	Squash, Winter.....	1 oz. to 15 hills
Kale.....	1 oz. to 2,000 plants	Tomato.....	1 oz. to 3,000 plants
Kohlrabi.....	1 oz. to 2,000 plants	Tobacco.....	1 oz. to 10,000 plants
Leek.....	1 oz. to 100 ft. of drill	Turnip, Early.....	1 oz. to 75 ft. of drill
Lettuce.....	1 oz. to 5,000 plants	Turnip, Rutabaga.....	1 oz. to 100 ft. of drill

## NUMBER OF TREES OR PLANTS TO AN ACRE

Set at regular distances apart

Distance apart	No. of Plants	Distance apart	No. of Plants	Distance apart	No. of Plants
3 inches by 4 inches.....	522,720	4½ feet by 4½ feet.....	2,150	14 feet by 14 feet.....	222
4 inches by 4 inches.....	392,040	5 feet by 1 foot.....	8,712	15 feet by 15 feet.....	193
6 inches by 6 inches.....	174,240	5 feet by 2 feet.....	4,356	16 feet by 16 feet.....	170
1 foot by 1 foot.....	43,560	5 feet by 3 feet.....	2,904	16½ feet by 16½ feet.....	160
1½ feet by 1½ feet.....	19,360	5 feet by 4 feet.....	2,178	17 feet by 17 feet.....	150
2 feet by 1 foot.....	21,780	5 feet by 5 feet.....	1,742	18 feet by 18 feet.....	134
2 feet by 2 feet.....	10,890	5½ feet by 5½ feet.....	1,440	19 feet by 19 feet.....	120
2½ feet by 2½ feet.....	6,960	6 feet by 6 feet.....	1,200	20 feet by 20 feet.....	108
3 feet by 1 foot.....	14,520	6½ feet by 6½ feet.....	1,031	25 feet by 25 feet.....	69
3 feet by 2 feet.....	7,260	7 feet by 7 feet.....	888	30 feet by 30 feet.....	48
3 feet by 3 feet.....	4,840	8 feet by 8 feet.....	680	33 feet by 33 feet.....	40
3½ feet by 3½ feet.....	3,555	9 feet by 9 feet.....	537	40 feet by 40 feet.....	27
4 feet by 1 foot.....	10,890	10 feet by 10 feet.....	435	50 feet by 50 feet.....	17
4 feet by 2 feet.....	5,445	11 feet by 11 feet.....	360	60 feet by 60 feet.....	12
4 feet by 3 feet.....	3,630	12 feet by 12 feet.....	302	66 feet by 66 feet.....	10
4 feet by 4 feet.....	2,722	13 feet by 13 feet.....	257		

**Rule.**—Multiply the distance in feet between the rows, by the distance the plants are apart in the rows, and the product will be the number

of square feet for each plant or hill; which divided into the number of square feet (43,560) will give the number of plants to the acre.

## SEED REQUIRED TO SOW AN ACRE OF GROUND

	Lbs. to the acre.		Lbs. to the acre.
Alfalfa.....	25	Grass, Perennial or Australian Rye (for lawn).....	75
Barley—broadcast.....	100	Grass, Italian Rye.....	30
Beans, Dwarf or Bush—hills.....	40	Grass, Red Top.....	30
Beans, Dwarf or Bush—drills.....	80	Grass, Timothy.....	20
Beans, Tall or Pole—hills.....	25	Grass, Hungarian.....	25
Beet, Garden.....	6	Millet.....	25
Beet, Sugar.....	6	Hemp—broadcast.....	40 to 50
Beet, Mangel Wurzel.....	6	Melon, Water—hills.....	2 to 3
Broom Corn—drills.....	12	Melon, Musk—hills.....	3
Buckwheat—broadcast.....	45	Oats—broadcast.....	80
Cabbage—in beds to cover an acre after transplanting.....	¼ to ½	Onions, for Dry Bulbs—drills.....	4
Carrot—drills.....	3	Onions, for Bottom Sets.....	30
Clover, Red, alone—broadcast.....	15	Parsnip—drills.....	5
Clover, White, alone—broadcast.....	10	Peas—drills.....	50 to 80
Clover, Alsike—broadcast.....	10	Peas—broadcast.....	150
Corn, Sweet or Field—hills.....	15	Potatoes—hills.....	500 to 600
Corn, to cut green for fodder—drills or broadcast.....	125	Pumpkin—hills.....	3
Cucumber—hills.....	1 to 2	Radish—drills.....	12
Flax (when wanted for seed).....	30	Rye—broadcast.....	100
Flax (when wanted for fiber).....	50	Spinach—drills.....	12
Grass, Bermuda.....	10	Squash, Bush Varieties—hills.....	4
Grass, Crested Dogtail.....	25	Squash, Running Varieties—hills.....	3
Grass, Kentucky Blue (for pasture).....	50	Tomato—in beds to transplant.....	½
Grass, Kentucky Blue (for lawns).....	150	Turnip and Rutabaga—drills.....	2
Grass, Orchard.....	40	Turnip and Rutabaga—broadcast.....	3 to 4
Grass, Perennial or Australian Rye (for meadow).....	40	Vetches—broadcast.....	100
		Wheat—broadcast.....	100
		Wheat—drills.....	75



# Germain's High-Grade Flower Seeds

## A FEW CULTURAL SUGGESTIONS

The use and growth of flowers, especially, marks the progress of individuals and nations, the greatest nations of the earth being those with whom the love of floriculture most prevails. To the lover of flowers, what can be more interesting than to sow the seed, water and otherwise care for the growth and development of the plant, and at last enjoy the expansion of the flower? What does the sense of proprietorship of the purchaser of flowers compare to that of the grower of them? The latter feels that they are verily his own, the results of his fostering care. Among the flowers which may be grown with a minimum amount of care and expense are those varieties which reproduce themselves from seeds. They are classed as Annuals, Biennials and Perennials, and these are subdivided into Hardy, Half-hardy and Tender varieties of each class.

**Hardy Annuals** are those plants which may be sown in the open air. They grow, flower, produce seed and then die.

**Half-Hardy Annuals** are those varieties which require an even temperature of at least 60 degrees to germinate the seed, and will not stand frost; consequently they must not be sown in the open ground during the fall or winter months, and not in spring till April. A good rule for those to follow who wish to sow this class is to wait for the proper weather and season in which to sow corn, melon or pumpkin seeds.

**Tender Annuals** are those that require greenhouse protection, as *Calceolaria*, etc.; the seeds are usually very fine, and it requires skill and care to raise them.

**Hardy Biennials** are those that flower the second year from sowing the seed and then die.

**Hardy Perennials** are among the finest of our border plants. They do not usually flower till the second year after sowing, but may be relied upon to produce larger clumps of flowers year by year for many years.

**Half-Hardy Perennials** are those which require some protection during the coldest weather, as they will not stand frost.

**Tender Perennials** are those species that require greenhouse or other protection during the greater part of the year, as they are, generally speaking, natives of tropical countries.

The best time to sow Hardy Annuals is in the fall months, as they will make much stronger plants and flower much more abundantly when wintered over. They may be sown in any finely-prepared shady border, and transplanted when large enough, to where they are to flower. Do not cover the seeds too deep. A good rule is to cover each seed its own depth with soil, at the same time taking care to water carefully. Never water so much that the soil gets "soggy," i. e., saturated; nor ever let the top get dry. Most varieties will germinate within ten days.

They may also be sown at any time during the spring months for summer blooming, care being taken to shade the young plants after transplanting, in hot weather.

Half-hardy Annuals may be sown in April out-of-doors, or in boxes, in March or earlier. If in boxes, they should be covered or removed under cover during the night-time and during heavy rains. Those who have hotbeds may sow the seed in February and grow the plants in 3-inch pots for planting outdoors in April, thus gaining two months on those who have not this advantage. (See instructions for making hotbeds in calendar of operations.) If sown in boxes, the boxes should have an inch of rough soil or gravel at the bottom for drainage; the remainder of the box should be filled within an inch of the top with sifted, light, rich soil, firmly pressed, and the seed should be sown, covered its own depth with soil, again pressed and watered. When the young plants are large enough to be handled, prick out into other boxes, planting them about 1 inch apart, and, when weather permits, they should afterwards be planted in the open ground in the place where they are to flower.

Tender Annuals should be sown in pots as follows: Take a 5- or 6-inch flower pot, put an inch of drainage in the bottom, then 2 inches of finely-sifted soil, firmly pressed, with a sprinkling of sand on top. Then sow the seed, and do not cover, but press into the soil. Water with a very fine sprinkler, and cover the top of the pot with a sheet of glass. Remove the glass for an hour daily to dry up the damp. When seedlings appear, gradually harden them off to the air. As soon as they can be handled, prick out into 2-inch pots, and shift again when necessary.

Hardy Biennials and Perennials should be sown in September. Many varieties, if sown then, will flower the next year. If sown in spring they will not flower till a year later. They may be sown in a shady border, and, when large enough, transplanted to where they are to remain.

Half-hardy and Tender Perennials should be sown in boxes, and treated as recommended for Half-hardy Annuals till plants appear, when they should be pricked into 2-inch pots, and shifted afterwards when necessary.

We have arranged our list of flower seeds according to the various classes: Annuals, including separate lists of Everlasting Flowers and Ornamental Gourds; Climbers, Annual and Perennial; Biennials and Perennials; Ornamental Grasses, Annual and Perennial.

**ABBREVIATIONS.** **Hh** means Half-hardy, **A** Annual or Perennial; **T** means Tender, Annual or Perennial. When no abbreviation is used, the variety will prove hardy in this climate. The letter **B** affixed to a variety means that it is useful for bouquets and cut-flowers.

## SEEDS OF ANNUALS

	Pkt.
<b>ABRONIA umbellata</b> (Sand Verbena). Delicate rose. Beautiful native trailer. Height ¼ ft. ....	\$0 05
<b>ADONIS Flos</b> (Pheasant's Eye). Crimson, with black eye. A beautiful, showy, free-flowering plant. Height 1 ft. ....	05
<b>AGERATUM Mexicanum</b> . Fine for bedding or mixed borders.	
<b>Imperial Dwarf Blue</b> . Height ¾ ft. ....	05
<b>Imperial Dwarf White</b> . Height ¾ ft. ....	05
<b>ALYSSUM</b> . B. Well-known fragrant annuals.	
<b>Sweet</b> . White. Height ¾ ft. ....	05
<b>Sweet Compact</b> . Dwarf, White. Height one-third ft. ....	05
<b>AMARANTHUS</b> . Hh. The Amaranthus are splendid plants to give a tropical effect in mixed borders and shrubbery. Plant in sunny places and poor soil.	
<b>Melancholicus</b> (Ruber). Blood-red. Height 1 ft. ....	05
<b>Salicifolius</b> (Fountain Plant). Purple, crimson and gold. Height 3 ft. ....	05
<b>Tricolor</b> (Joseph's Coat). Red, green and yellow. Height 1 ft. ....	05
<b>ANAGALLIS</b> (Pimpernel). Mixed various colors. Free-blooming, attractive plant for borders. Height ½ ft. ....	05



. ARCTOTIS GRANDIS.

	Pkt.
<b>ARCTOTIS grandis</b> . Pure white, reverse of petals pale lilac. The plants are of easy culture and flower abundantly from early summer till fall. Height 2 to 2½ ft. ....	\$0 10
<b>ARGEMONE</b> (Mexican Poppy). Mixed, white and yellow. Very showy. Height 2 ft. ....	05
<b>ARNEBIA cornuta</b> (Arabian Primrose). B. Yellow, spotted with black or maroon. Height 1¼ ft. ....	15

### ASTER

Well-known useful plants; invaluable for display in the garden and also for cut-flowers. The American Branching and Giant Comet varieties are the favorites among florists. The Lady Aster is a new distinct class with very narrow leaves and remarkable free-flowering qualities, and is one of the finest for cutting purposes.

	Pkt.
<b>American Branching</b> . Crimson, Flesh-pink, Rose-pink, Lavender, White and Mixed. Height 1½ ft. ....	\$0 10
<b>Betteridge's Quilled</b> . Mixed. Height 1½ ft. ....	10
<b>Cocardeau, or Crown</b> . White centers, mixed. Height 1½ ft. ....	10
<b>Dwarf Pyramidal Bouquet</b> . Mixed. Ht. ¾ ft. ....	10
<b>Dwarf Chrysanthemum-flowered</b> . Mixed. Height 1 foot. ....	10
<b>Giant Comet</b> . Azure-blue. Height 2 ft. ....	10
<b>Giant Branching Comet, Carmine</b> . Height 2 ft. ....	10
<b>Giant Branching Comet, White</b> . Height 2 ft. ....	10
<b>Giant Branching Comet, Mixed</b> . Height 2 ft. ....	10
<b>Giant Emperor</b> . Flowers 3 inches in diameter Mixed. Height 1½ ft. ....	10
<b>Lady</b> . Mixed. Height 1 ft. ....	10
<b>Truffaut's Peony-flowered Perfection</b> . Mixed. Height 1½ ft. ....	10
<b>Truffaut's Peony-flowered Perfection, White</b> . Height 1½ ft. ....	10
<b>Victoria, Mixed</b> . Height 1½ ft. ....	10
<b>Victoria, White</b> . Height 1½ ft. ....	10
<b>BALSAM</b> . Hh. Balsams, or "Touch-me-nots" are among the finest of our annuals, either for garden or pot culture; we offer none but finest strains.	
<b>Double Rose-flowered</b> . Mixed. Height 2 ft. ....	10
<b>Camelia-flowered</b> . Mixed. Height 2 ft. ....	10
<b>Dwarf</b> . Mixed. Height 1 ft. ....	05
<b>Carnation-striped</b> . Mixed. Height 2 ft. ....	10
<b>Solferino</b> . White, lilac and scarlet. Height 2 ft. ....	10
<b>BARTONIA aurea</b> . Yellow. Height 1 ft. ....	05
<b>BRACHYCOME Iberidifolia</b> (Swan River Daisy). Free-blooming plants, with cineraria-like flowers. Native of western Australia. Mixed. Height 1 ft. ....	05
<b>BROWALLIA Elata</b> . Hh. Mixed. Height 1½ ft. ....	10
<b>CACALIA coccinea</b> (Flora's Paint Brush). B. Scarlet. Height ½ ft. ....	05
<b>CALANDRINA umbellata</b> . Portulaca-like plants, fond of sunshine, well-suited for rock-work. Vivid crimson. Height ¼ ft. ....	05
<b>CALCEOLARIA hybrida superba</b> . T. The seed we offer has been hybridized by the best cultivators, and is the most superb strain procurable. Sow in August. Beautifully blotched, mottled and striped. Height 1½ ft. ....	50
<b>CALENDULA officinalis</b> (Pot Marigold). Of easy culture.	
<b>Meteor</b> . Yellow striped and bordered orange. Height 1½ ft. ....	05
<b>Prince of Orange</b> . Height ¾ ft. ....	05
<b>CALLOPSIS</b> . Also called Coreopsis. B. See Perennials.	
<b>Bicolor</b> . Yellow and brown. Height 2 ft. ....	05
<b>Coronata</b> . Yellow, large-flowered. Height 2 ft. ....	05
<b>Fine Mixed</b> . All colors. Height 2 ft. ....	05
<b>CANDYTUFT</b> . B. Good for bedding in masses	
<b>Carter's Carmine</b> . Height 1 ft. ....	10
<b>Empress</b> . White. Height 1 ft. ....	10
<b>Little Prince</b> . White. Height ½ ft. ....	10
<b>Purple</b> . Height 1 ft. ....	05
<b>White</b> . Height ¾ ft. ....	05
<b>White, Fragrant</b> . Height 1 ft. ....	05
<b>Fine Mixed</b> . All colors. Height 1 ft. ....	05
<b>CATCHFLY</b> . Fine mixed. Height, 1 ft. ....	05
<b>CELOSIA</b> . Hh. <i>Celosia cristata</i> is the Cocks-comb; <i>Celosia pyramidalis</i> is the feathered variety.	
<b>Cristata, Finest Mixed</b> . Height ¾ to 1 ft. ....	10
<b>Cristata, Empress</b> . Dwarf, crimson splendid. Height ¾ ft. ....	15
<b>Cristata, Glasgow Prize</b> . Crimson. Height 1 ft. ....	15
<b>Pyramidalis</b> . Mixed. Height 2 ft. ....	05



CANDYTUFT, LITTLE PRINCE.

- CENTAUREA, B.** The Cyanus varieties are the well-known Corn Flowers. The Moschata varieties and Suaveolens are the old-fashioned Sweet Sultans.
- Imperialis.** Brilliant rose, lavender-purple, white and mixed. Height  $\frac{3}{4}$  ft. \$ 10
- Chameleon.** Flowers similar in shape to **C. Margaritae**, but varying in color, from light yellow or straw-color to pink and yellow, or light rose. Height  $1\frac{1}{2}$  ft. 10
- Marguerite.** Large, pure white flowers, about  $2\frac{1}{2}$  in. in diameter, with edge and petals beautifully tubed and twisted. Height  $1\frac{1}{2}$  ft. 10
- Cyanus, Emperor William.** Sky-blue Height 2 ft. 05
- Cyanus, White.** Height 2 ft. 05
- Cyanus, Pink.** Height 2 ft. 05
- Cyanus, Dark Blue.** Height 2 ft. 05
- Cyanus, Mixed.** Height 2 ft. 05
- Moschata, White.** Height 3 ft. 05
- Suaveolens, Yellow.** Height  $1\frac{1}{2}$  ft. 05
- Mixed.** The last three. Height  $1\frac{1}{2}$  to 3 ft. 05
- CENTRANTHUS, B.** Mixed, various colors. Showy annuals, with valerian-like flowers. Height 1 ft. 05
- CHRYSANTHEMUM.** See, also, Perennials. The annual Chrysanthemum is rapidly rising in favor, being showier than the Marguerite, and of diverse colors.
- Tricolor album.** White. Height 2 ft. 05
- Tricolor burridgeanum.** White, with crimson ring. Height 2 ft. 05
- Tricolor Double Mixed.** Various colors. Height 2 ft. 05
- Tricolor W. E. Gladstone.** Rich Crimson. Height 2 ft. 05
- Coronarum, Double White.** Height 2 ft. 05
- Coronarum, Double Yellow.** Height 2 ft. 05
- Morning Star.** New beautiful pale yellow flowers, fine for cutting. 10

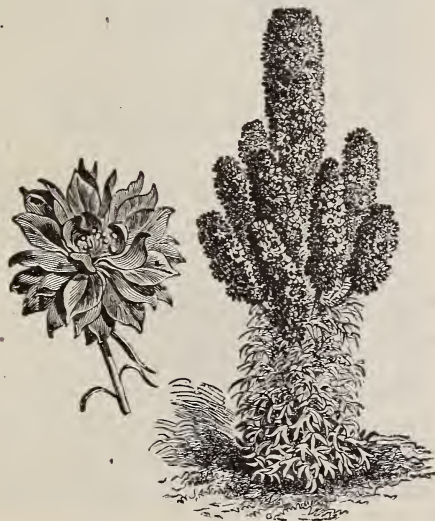
- CINERARIA hybrid.** T. See, also, Perennials. Valuable winter- and spring-flowering pot-plants for window or greenhouse culture. Choice mixed. Height  $1\frac{1}{2}$  ft. \$ 50
- CLARKIA elegans.** Double rose. Height  $1\frac{1}{2}$  ft. 05
- Pulchella, Purple.** Height  $1\frac{1}{2}$  ft. 05
- Pulchella, Double, Purple.** Height  $1\frac{1}{2}$  ft. 05
- Fine Mixed.** All kinds. Height  $1\frac{1}{2}$  ft. 05
- CLINTONIA pulchella.** Pretty for rock work. Blue, white and yellow. Height  $\frac{1}{2}$  ft. 10
- COLLINSIA bicolor.** Purple and white. Height 1 ft. 05
- CONVOLVULUS minor (Dwarf Morning-glory).** Mixed colors. Height 1 ft. 05
- CORN FLOWER.** See Centaurea.
- COSMOS, B.** Showy flowers of easy cultivation.
- White.** Height 4 ft. 05
- Pink.** Height 4 ft. 05
- Fine Mixed.** Height 4 ft. 05
- Mammoth Perfection, White.** Height 4 ft. 10
- Mammoth Perfection, Crimson.** Height 4 ft. 10
- Mammoth Perfection, Pink.** Height 4 ft. 10
- Mammoth Perfection, Yellow.** Height 4 ft. 10
- Mammoth Perfection, Mixed.** Height 4 ft. 10
- COSMIDIUM Burridgeanum, B.** Resembles Calliopsis. Maroon and yellow. Ht. 2 ft. 05
- DA TURA Huberiana.** Hh. Double Mixed. Height 3 ft. 10
- ESCHSCHOLTZIA.** The well-known California Poppy. The Golden West is a new variety producing very large flowers, of a light canary-yellow color, with an orange blotch at the base of each petal, forming a maltese cross in the center of the flower.
- Californica.** Yellow. Height 1 ft. 05
- Golden West.** Canary-yellow and orange Height 1 ft. 10
- White and Carmine.** Height 1 ft. 10
- Orange.** Height 1 ft. 05
- Orange, Double.** Height 1 ft. 10
- White.** Height 1 ft. 05
- White, Double.** Height 1 ft. 10
- Rose Cardinal.** Rose. Height 1 ft. 10
- Mandarin.** Orange and mandarin red. Height 1 ft. 10
- Fine Mixed.** All sorts. Height 1 ft. 05
- EUTOCA, Mixed.** B. Various colors Height  $\frac{1}{2}$  ft. 05



CELOSIA CRISTATA, GLASGOW PRIZE.



	Pkt.
<b>FENZLIA dianthiflora.</b> Pink and white. Height ¼ ft. ....	\$0 15
<b>GAURA Lindheimeri.</b> Rosy white. Fine for masses or mixed borders. Ht. 3 ft.	10
<b>GILIA tricolor.</b> Violet, yellow and white. Height 1 ft. ....	05
<b>Dwarf Sorts, Mixed.</b> Height ½ ft. ....	05
<b>GOSETIA.</b> Splendid, profuse blooming annuals for borders and groups.	
<b>Duchess of Albany.</b> Large white. Height 1½ ft. ....	05
<b>Gloriosa.</b> Dark blood-red with satin luster. Height ¾ ft. ....	05
<b>Lady Albermarle.</b> Dark Crimson. Ht. 1½ ft.	05
<b>Rubicunda splendens.</b> Red. Height 1½ ft.	05
<b>Amoena.</b> Dark rose, native variety. Height 1½ ft. ....	05
<b>The Bride.</b> Crimson and white. Ht. 1½ ft.	05
<b>Finest Mixed.</b> Height 1½ ft. ....	05
<b>GYPSOPHILA elegans.</b> B. Rosy white Very graceful. Height 1½ ft. See also, Perennials	05
<b>HELIANTHUS.</b> Ornamental double varieties of the well-known Sunflower. good for backgrounds.	
<b>Californicus.</b> Double. Height 6 ft. ....	05
<b>Cucumber folius.</b> "Stella" single Golden yellow with black center. Height 3½ ft.	10
<b>Globosus fistulosus.</b> Double-quilled Height 6 ft. ....	05
<b>Nanus.</b> Dwarf; double. Height 3 ft. ....	05
<b>HIBISCUS Africanus.</b> Yellow, with dark center. Height 2 ft. See, also Perennials.	05
<b>ICE PLANT (Mesembryanthemum crystallinum).</b> White. Trailer. ....	05
<b>KAULFUSSIA amelloides</b> (Cape Marguerite). B. Mixed. Height 1 ft. ....	05



DWARF ROCKET LARKSPUR.

	Pkt.
<b>LARKSPUR, Dwarf Rocket.</b> Mixed Height 2 ft. ....	\$0 05
<b>Emperor, Azure Blue.</b> Height 2½ ft. ....	05
<b>Emperor, Rose.</b> Height 2½ ft. ....	05
<b>Tall Stock-flowered.</b> Mixed. Height 2½ ft. ....	05
<b>LAVATERA trimestris.</b> Red. Height 2½ ft.	05
<b>LEPTOSIPHON hybridus.</b> Height 1-3 ft.	05
<b>LIMNANTHES Douglasii.</b> Sometimes called Yellow Nemophila. Yellow. Height 1-3 ft. ....	05
<b>LINUM grandiflorum rubrum.</b> (Crimson Flax). Crimson. Unsurpassed for brilliance and duration of bloom. Ht. 1 ft.	05
<b>LOBELIA.</b> Pretty plants for edging or hanging baskets. See, also, Perennials	
<b>Erinus erecta.</b> Blue. Height ½ ft. ....	10
<b>Erinus erecta, Crystal Palace Compacta.</b> Dark blue. Height 1-3 ft. ....	10
<b>Erinus erecta, Emperor William.</b> Light blue. Compact. Height 1-3 ft. ....	10

	Pkt.
<b>LOVE-LIES-BLEEDING (Amaranthus caudatus).</b> Crimson. Height 2 ft. ....	\$0 05
<b>LUPINUS.</b> See, also, perennials.	
<b>Mixed Annual Varieties.</b> B. Height 2 to 3 ft. ....	05
<b>Nanus.</b> Dwarf, blue. Height ½ ft. ....	05
<b>MALOPE grandiflora purpurea.</b> Reddish purple. Height 2 ft. ....	05
<b>MATTHIOLA bicoloris</b> (Night-scented stock). Purple; fragrant. Height ½ ft.	05



MARIGOLD, FRENCH.

	Pkt.
<b>MARIGOLD.</b> Favorite showy plants for mixed borders. See, also, Calendula.	
<b>African, Lemon-colored.</b> Height 2 ft. ....	\$0 05
<b>African, Orange.</b> Height 2 ft. ....	05
<b>African, Mixed.</b> Height 2 ft. ....	05
<b>French, Dwarf Orange.</b> Height 1 ft. ....	05
<b>French, Dwarf Striped.</b> Height 1 ft. ....	05
<b>French, Legion of Honor.</b> Golden Yellow, marked with velvety brown. Height ¾ ft. ....	05
<b>French, Mixed.</b> Height 1 ft. ....	05
<b>MESEMBRYANTHEMUM tricolor</b> (Dew Plant). For edge or rockwork. Purple, rose and white. Trailer. ....	05
<b>MIGNONETTE, Sweet.</b> B. Greenish white Height ½ ft. ....	05
<b>Large-flowering.</b> Greenish white. Height ¾ ft. ....	05
<b>Allen's Defiance.</b> The best variety for forcing. Height 1 ft. ....	10
<b>Golden Queen.</b> Height 1 ft. ....	10
<b>Machet.</b> Fine for pot culture. Height 1 ft. ....	10
<b>Miles' Hybrid Spiral.</b> Very large spikes. Height 1 ft. ....	10
<b>Parson's White.</b> Fine long spikes. Height 1 ft. ....	10
<b>Victoria.</b> Red; very fine. Height 1 ft. ....	10
The last six kinds are extra fine.	



MIGNONETTE.

	Pkt.
<b>NASTURTIUM, TOM THUMB—</b>	
<b>Aurora (Terra-cotta).</b> Height 1 ft. ....	\$0 05
<b>Bronze.</b> Distinct. Height 1 ft. ....	05
<b>Chameleon.</b> A fine variety producing different flowers on the same plant. Height 1 ft. ....	10
<b>Cloth of Gold.</b> Light scarlet, yellow foliage. Height 1 ft. ....	05

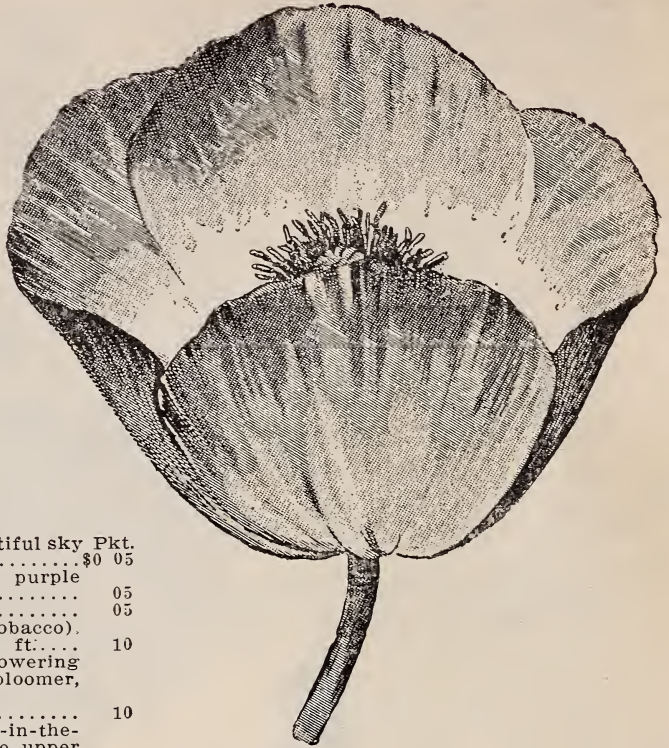
<b>NASTURTIUM</b> , continued.	Pkt.
<b>Dark Crimson.</b> Height 1 ft.	\$0 05
<b>Empress of India.</b> Dark leaves and crimson flowers. Height ¾ ft.	10
<b>Golden King.</b> Dark foliage. Height 1 ft.	05
<b>King of Tom Thumbs.</b> Dark foliage, scarlet flowers. Height 1 ft.	05
<b>King Theodore.</b> Nearly black. Height 1 ft.	10
<b>Ladybird.</b> Orange-yellow, red spots. Height 1 ft.	10
<b>Pearl.</b> White. Height 1 ft.	05
<b>Regalianum.</b> Purplish violet. Height 1 ft.	05
<b>Ruby King.</b> Light ruby-red. Height 1 ft.	10
<b>Scarlet.</b> Height 1 ft.	05
<b>Yellow.</b> Height 1 ft.	05
<b>Finest Mixed.</b> Height 1 ft.	05
<b>Lilliput.</b> A new and distinct class, in every respect smaller than the Tom Thumbs. Flowers of various colors. Height ½ ft.	10

**For Tall Nasturtiums, see Climbing Plants.**

<b>NEMOPHILA</b> (Love Grove). Charming California annuals for borders.	
<b>Insignis</b> (Baby Blue Eyes). Beautiful sky blue. Height ½ ft.	Pkt. \$0 05
<b>Maculata.</b> Large, white with purple blotch. Height ½ ft.	05
<b>Fine Mixed.</b> Height ½ ft.	05
<b>NICOTIANA affinis</b> (Ornamental Tobacco). White and fragrant. Height 3 ft.	10
<b>NICOTIANA SANDERAE.</b> Large flowering hybrids, very showy, a profuse bloomer, easily raised from seed.	
<b>Mixed.</b> All colors.	10
<b>NIGELLA</b> (Love-in-a-Mist or Devil-in-the-bush). B. Singular flowers, the upper petals being reflexed to resemble horns.	
<b>Damascena.</b> Double, Lavender-blue. Height 1 ft.	05
<b>NOLANA.</b> Fine mixed. Trailer.	05
<b>OXYURA chrysanthemoides.</b> Yellow and white. Height 1 ft.	05
<b>PANSY.</b> See list of Perennials.	
<b>PERILLA Nankinensis.</b> Hh. Very dark leaves. Height 1½ ft.	05
<b>PHLOX Drummondii.</b> Well-known showy plants for bedding. White. Height 1 ft.	10
<b>Double White.</b> Height 1 ft.	15
<b>Double Yellow.</b> Height 1 ft.	15
<b>Bright Scarlet.</b> Height 1 ft.	10
<b>Red, with white eye.</b> Height 1 ft.	10
<b>Grandiflora.</b> Chamouis-rose. Height 1 ft.	10
<b>Rose, Striped White.</b> Height 1 ft.	10
<b>Pink.</b> Height 1 ft.	10



PHLOX DRUMMONDII.



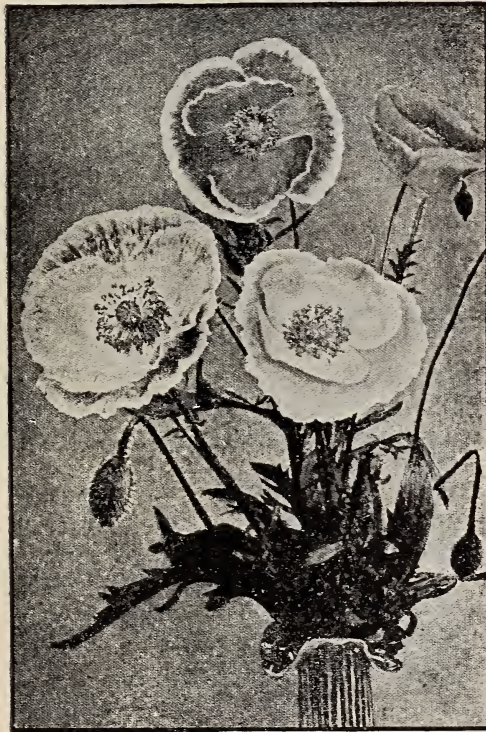
POPPY, MISS SHERWOOD.

<b>Fine Mixed.</b> Height 1 ft.	Pkt. \$0 05
<b>Large-flowering.</b> Fine mixed. Height 1 ft.	10
<b>Very Dwarf, Fireball.</b> Brilliant scarlet. Height ½ ft.	10
<b>Very Dwarf, Extra Fine Mixed.</b> Height ½ ft.	10
<b>Cuspidata</b> (Star Phlox). Mixed. Height 1 ft.	10
<b>PLATYSTEMON Californicus</b> (Cream Cups). Yellow. Height 1 ft.	05
<b>POPPY, Carnation, Double White.</b> Height 2 to 3 feet.	05
<b>Carnation, Double Mixed.</b> Height 2 to 3 ft.	05
<b>Danebrog.</b> Scarlet, blotched white. Height 2 ft.	05
<b>French, or Ranunculus-flowered.</b> Mixed. Height 2 ft.	05
<b>Mikado.</b> White and crimson, double fringed. Height 2 ft.	05
<b>Miss Sherwood.</b> The flowers are from 4 to 5 inches across, pure satiny white tinged with chamouis-rose. Height 2½ ft.	10
<b>Paeony-flowered Fine Mixed.</b> Height 2 to 3 ft.	05
<b>Shirley, Santa Rosa Strain.</b> The best and most varied strain in existence including the new striped salmon and bluish shades. Height 2 ft.	10
<b>Shirley, Mixed.</b> A distinct race, fine. Height 2 ft.	05
<b>Tulip</b> (Papaver glaucum). Scarlet. Height 1¼ ft.	10
<b>Umbrosum.</b> Scarlet-crimson. Height 1½ ft.	10
See, also, list of Perennials.	
<b>PORTULACA, Single.</b> Yellow, white, scarlet, crimson and mixed. Height ½ ft.	05
<b>Double.</b> For exhibiting a display of dazzling brilliancy the Portulaca is unrivaled. It revels in sunshine, and will stand quite a degree of drought. White, Golden, Pink, Scarlet and Mixed. Height ½ ft.	10

	Pkt.
<b>RICINUS Cambodgensis</b> (Ornamental Castor Beans). Leaves and stems nearly black, very fine. Height 5 ft. ....	\$0 05
<b>Sanguineus</b> . Blood-red foliage. Height 6 ft. ....	05
<b>SALPIGLOSSIS</b> . Hh. Flowers are somewhat like Petunias, with veined, velvety surface.	
<b>Finest Tall Mixed</b> . Height 1½ ft..	10
<b>SANVITALIA</b> . Profuse-blooming trailing plants for beds, rock-work, etc. Sometimes called the Trailing Sunflower.	
<b>Procumbens</b> . Single Yellow. Trailer	05
<b>Double Yellow</b> . Trailer.....	05
<b>SAPONARIA Calabria</b> (The Calabrian Pink or Soapwort). Pink. Height ½ ft. ....	05
<b>SCABIOSA</b> (Mourning Bride). B. A well-known border plant, free-blooming and fragrant.	



SALPIGLOSSIS.



SHIRLEY POPPY.

	Pkt.
<b>Azure Fairy</b> . Delicate Lavender. Height 2 ft. ....	\$0 10
<b>Tall, Double Mixed</b> . Height 2 ft. ....	05
<b>Dwarf, Double Mixed</b> . Height 1 ft. ....	05
<b>SCHIZANTHUS</b> . Of much interest and beauty, flowers being beautifully marked, after style of some orchids.	
<b>Pinnatus</b> . Blue. Height 1½ ft. ....	05
<b>Finest Mixed</b> . Height 1½ ft. ....	05
<b>SILENE</b> . Fine for bedding or edging.	
<b>Pendula compacta</b> . Red. Height ¾ ft.	05
<b>Compacta</b> . Double red. Height ¾ ft.	05
<b>STOCKS, Ten Weeks</b> . For intermediate, Brompton and other Stocks, see Perennials. Stocks offered below are the finest obtainable. The seed is saved from pot-grown plants, and may be relied upon to produce nearly all double flowers. The Princess Alice and Giant Perfection varieties are the finest for cutting purposes.	

	Pkt.
<b>Large-flowered</b> . Crimson. Flesh-color. Light Blue, Rose, Yellow, White and Finest Mixed. Height 1 ft. ....	\$0 10
<b>Giant Perfection</b> . Fiery Crimson, Flesh-color, Rose, Light Blue, Dark Blue, White. Height 2 ft. ....	15
<b>Finest Mixed</b> . Height 2 ft. ....	10
<b>Princess Alice</b> (Cut-and-Come-Again). White. Height 1½ ft. ....	10
<b>Wallflower-leaved, Snowflake</b> . Pure white. Height 1 ft. ....	15
<b>Wallflower-leaved, Finest Mixed</b> . Height 1 ft. ....	15
<b>SUNFLOWER</b> . See Helianthus.	
<b>SWEET SULTAN</b> . See Centaurea.	
<b>SWEET PEAS</b> . See list of climbers.	



LARGE-FLOWERED STOCKS.

	Pkt.		Pkt.
<b>TAGETES signata pumila.</b> Yellow, striped brown, fine for bedding. Height $\frac{3}{4}$ ft..	\$0 05	<b>Elegans picta.</b> Rose and scarlet. Height 1 ft. ....	\$0 05
<b>TORENIA Fournieri.</b> T. A valuable plant for pots, baskets or borders. Violet, with lilac and yellow. Height $\frac{3}{4}$ ft..	15	<b>Oculata.</b> Rose, dark eye. Height 1 ft..	05
<b>VENUS' LOOKING-GLASS.</b> Pretty bell-shaped flowers, blooming profusely, well adapted for edging and hanging-baskets. Blue. Height $\frac{3}{4}$ ft.....	05	<b>WHITLAVIA grandiflora.</b> Violet. Height $\frac{1}{2}$ ft.....	05
<b>VIRGINIAN STOCK.</b> Red, white and mixed. Height $\frac{1}{2}$ ft.....	05	<b>Gloxiniodes.</b> White and blue. Height $\frac{1}{2}$ ft.....	05
<b>VENUS' NAVELWORT.</b> White. Height 1 ft.	05	<b>ZINNIA (Youth and Old Age).</b> B. Of great beauty and variety of color.	
<b>VISCARIA coeli-rosea (Rose of Heaven).</b> Pink. Height $\frac{3}{4}$ ft.....	05	<b>Finest Double Mixed.</b> Height 2 ft.....	05
		<b>Dwarf.</b> Double mixed. Height 1 ft....	05
		<b>Mammoth.</b> Double mixed. Height 3 ft..	10
		<b>Haageana, fl. pl.</b> Double, yellow. Height 1 ft.....	10

## Seeds of Everlasting Flowers

These Are Greatly Admired and Highly Prized for Winter Bouquets. They Should be Cut When Partially Expanded, and Hung with Their Heads Downward Until Thoroughly Dry.

	Pkt.
<b>ACROCLINIUM, Single, White.</b> Height 1 ft..	\$0 05
<b>Pink.</b> Height 1 ft.....	05
<b>Mixed.</b> Height 1 ft.....	05
<b>Double White.</b> 50 per cent double flowers. Height 1 ft.....	10
<b>Double Pink.</b> 50 per cent double flowers. Height 1 ft.....	10
<b>AMMOBIUM alatum.</b> White. Height 1 ft.	05
<b>GLOBE AMARANTHUS, Purple.</b> Height 1 ft. ....	05
<b>White.</b> Height 1 ft.....	05
<b>Fine Mixed.</b> Height 1 ft.....	05
<b>GNAPHALIUM leontopodium.</b> The true Alpine Edelweiss.	
<b>White.</b> Height $\frac{1}{2}$ ft.....	15
<b>HELICHRYSUM (Straw Flower).</b> Tall, double pink. Height 2 ft.....	10
<b>Tall, Double, Mixed.</b> Height 2 ft.....	10
<b>Tall, Double, Mixed.</b> Height 2 ft.....	10
<b>RHODANTHE.</b> Mixed. Height 1 ft.....	10
<b>XERANTHEMUM.</b> Double, mixed. Height 2 ft.....	05



GLOBE AMARANTHUS.

## Ornamental Gourds and Cucurbitaceae



	Pkt.
<b>ABOBRA viridiflora.</b> Greenish flowers; a tuberous perennial gourd, with pretty scarlet fruits. Height 6 ft.....	\$0 10

	Pkt.
<b>BRYONOPSIS laciniosa erythrocarpa.</b> Very ornamental, with pleasing cut foliage and bright-colored fruits. Height 5 ft	\$0 10
<b>CUCUMBER, Snake (Cucumis flexuosus).</b> Height 6 ft.....	10
<b>Wild.</b> Very curious. Height 4 ft.....	10
<b>GOURD, Bottle-shaped.</b> White flowers. Height 10 ft.....	10
<b>Calabash-shaped.</b> Height 10 ft.....	10
<b>Dipper.</b> Height 10 ft.....	05
<b>Dish Rag.</b> When properly prepared this is very serviceable in many ways. Height 6 ft.....	10
<b>Egg-shaped "Nest-Egg."</b> Height 10 ft..	05
<b>Gooseberry.</b> Smallest. Height 10 ft....	10
<b>Hereules' Club.</b> Fruits 7 to 8 feet in length. Height 15 ft.....	05
<b>Orange-shaped (Mock Orange).</b> Height 15 ft.....	10



EGG-SHAPED GOURD.

<b>GOURDS</b> , continued.	Pkt.
<b>Pear-shaped.</b> Height 10 ft.....	\$0 10
<b>Serpent</b> ( <i>Trichosanthes colubrina</i> ). Very long and coiled. Height 10 ft.....	10
<b>Sugar Trough.</b> Enormous, holding several gallons. Height 15 ft.....	05
<b>MOMORDICA.</b> The Momordicas are very handsome. The fruits burst when ripe,	

exposing the bright orange-scarlet interior, which resembles a handsome flower	Pkt.
<b>Balsamina</b> ( <i>Balsam Apple</i> ). Height 6 ft.	10
<b>Charantia</b> ( <i>Balsam Pear</i> ). Height 5 ft...	10
<b>ORNAMENTAL GOURDS.</b> Finest mixed kinds .....	05

## Seeds of Climbing Plants

A, Annual. P, Perennial.

<b>ADLUMIA cirrhosa.</b> P. The graceful Allegheny Vine; also called Mountain Fringe. Pink. Height 8 ft.....	\$0 10
<b>AMPELOPSIS.</b> The well-known Virginia Creeper.	
<b>Quinquefolia.</b> P. Good foliage. Height 50 ft. ....	10
<b>Veitchii</b> ( <i>Japan Ivy</i> ). P. Height 50 ft....	10
<b>ANTIGONON leptopus</b> ( <i>Rosa de montana</i> ). P. One of the most elegant climbers known. Native of Mexico. Rose.....	15
<b>ARISTOLOCHIA elegans.</b> Hhp. Chocolate and purple. Height 30 ft.....	10
<b>Sipho</b> ( <i>Dutchman's Pipe</i> ). P. Very odd-looking and interesting. Yellow and brown. Height 40 ft.....	10
<b>AUSTRALIAN PEA VINE.</b> See <i>Dolichos lignosus</i> .	
<b>BALLOON VINE.</b> Hha. Bears a pretty, inflated capsule. White and green. Height 8 ft.....	05
<b>BIGNONIA</b> ( <i>Trumpet Vine</i> ). P. Sometimes classed with <i>Tecoma</i> . Robust, hardy climber. Very ornamental.	
<b>Radicans.</b> Orange-scarlet. Height 15 ft.	10
<b>Stans</b> ( <i>Tecoma</i> ). Orange; distinct foliage. Height 10 ft.....	10
<b>Tweediana.</b> Bright Yellow; evergreen. Height 20 ft.....	10
<b>CANARY-BIRD FLOWER</b> ( <i>Tropaeolum peregrinum</i> ). Hha. A charming annual vine with delicate foliage. Flowers yellow. Height 8 ft.....	10
<b>CLEMATIS</b> ( <i>Virgin's Bower</i> ). P. Well-known, profuse-blooming climbers. The seed requires several months to germinate.	
<b>Flammula.</b> White. Height 10 ft.....	10
<b>Viticella.</b> Purple. Height 10 ft.....	10
<b>Jackman's New Hybrids.</b> Mixed. Height 10 ft.....	25
<b>CLIANTHUS puniceus</b> ( <i>New Zealand Glory Pea</i> ). P. A very handsome climber. Bright scarlet. Height 6 ft.....	15
<b>CLITORIA ternatea.</b> Hhp. Blue. Height 6 ft. ....	15
<b>COBAEA.</b> P. Rapid-growing climbers, with bell-shaped flowers.	
<b>Scandens.</b> Purple. Height 20 ft.....	10
<b>Alba.</b> White. Height 20 ft.....	10



MINA LOBATA.

<b>Macrostemma.</b> Yellowish green, tipped with violet; stamens of enormous length. Height 15 ft.....	\$0 15
<b>CONVOLVULUS.</b> A. The well-known Morning-Glories.	
<b>Major, Blue.</b> Height 10 ft.....	05
<b>Major, Crimson.</b> Height 10 ft.....	05
<b>Major, Pink.</b> Height 10 ft.....	05
<b>Major, Striped.</b> Height 10 ft.....	05
<b>Major, White.</b> Height 10 ft.....	05
<b>Major, Mixed.</b> Height 10 ft.....	05
<b>Major, Double,</b> White-veined purple. Height 10 ft.....	10
<b>Aureus superbus.</b> Yellow. Very fine and rare. Height 8 ft.....	15
<b>CYPRESS VINE</b> ( <i>Ipomoea quamoclit</i> ). Hha. Well-known climbers, with handsome, delicate foliage.	
<b>Scarlet.</b> Height 8 ft.....	05
<b>White.</b> Height 8 ft.....	05
<b>Mixed.</b> Height 8 ft.....	05
<b>DOLICHOS Lablab.</b> Hha. Mixed. Height 8 ft. ....	05
<b>Lignosus</b> ( <i>Australian Pea</i> ). P. Rose and purple; one of the best climbers for a hot, dry climate. Height 15 ft.....	05
<b>ECCREMOCARPUS scaber.</b> P. Orange; very valuable to cover trellises. Height 6 ft. ....	10
<b>HUMULUS.</b> A beautiful climber, which may be sown in open ground in spring, attaining immense proportions in a short time.	
<b>Japonicus</b> ( <i>Japanese Hop</i> ). A. Height 20 ft. ....	10
<b>Japanese Variegated.</b> .....	10
<b>Lupulus</b> ( <i>Common Hop</i> ).....	10
<b>IMPERIAL JAPANESE MORNING GLORY.</b> Hha. Mixed, all colors. Very large. Height 30 ft.....	10



CYPRESS VINE.

	Pkt.
<b>IPOMOEA, Heavenly Blue.</b> Hha. Light blue. Height 15 ft.....	\$0 10
<b>Leari</b> (Blue Moon-flower). P. Splendid. Height 25 ft.....	10
<b>Mexicana grandiflora alba</b> (True White Moon-flower). Hhp. Height 15 ft.....	15
<b>KENNEDYA bimaiculata grandiflora.</b> P. Purple. Height 10 ft.....	15
<b>LATHYRUS latifolius</b> (Everlasting Pea). P. Mixed, rose and white. Height 6 ft.	05
<b>LOASA aurantiaca</b> (the Chilean Nettle Plant). Hha. Has beautiful, interesting golden yellow flowers. Must be handled with gloves, as the leaves sting. Height 6 ft.....	10
<b>LONICERA Tatarica</b> (Tartarian Honey-suckle). P. Rose. Height 6 ft.....	10
<b>MANDEVILLEA suaveolens</b> (Chili Jasmine). P. Very fragrant. White. Height 15 ft.....	10
<b>MAURANDIA, White.</b> Hhp. Height 8 ft.	10
<b>Purple.</b> Height 8 ft.....	10
<b>Fine Mixed.</b> Height 8 ft.....	10
<b>MINA lobata.</b> Ta. Very showy; a great favorite in this section. Red, yellow and white. Height 15 ft.....	10
<b>NASTURTIUM, Tall, Chameleon.</b> A new variety, producing flowers of different colors on the same plant. Height 6 ft.	10
<b>Dark Crimson.</b> Height 6 ft.....	05
<b>Edward Otto.</b> Brownish lilac. Height 6 ft.....	05
<b>Heinemanni.</b> Chocolate-color. Height 6 ft.....	05
<b>King Theodore.</b> Dark maroon, with dark leaves; extra fine. Height 6 ft.....	05
<b>Orange.</b> Height 6 ft.....	05
<b>Pearl.</b> Creamy white. Height 6 ft.....	05
<b>Regalianum.</b> Purplish violet. Height 6 ft.....	05
<b>Scarlet.</b> Height 6 ft.....	05
<b>Vesuvius.</b> Salmon-rose, dark-leaved; splendid. Height 6 ft.....	10
<b>Yellow.</b> Height 6 ft.....	05
<b>Finest Mixed.</b> Height 6 ft.....	05
<b>PASSIFLORA coerulea.</b> P. Blue. Height 8 ft.....	10
<b>Edulis.</b> P. Mauve; edible fruit. Height 8 ft.....	10
<b>Princeps coccinea.</b> Hhp. Scarlet. Height 6 ft.....	25
<b>Passiflora rosacea.</b> (incarnata). Tall; rose-pink.....	25
<b>White.</b> Hhp. Three-angled stem; edible. Height 8 ft.....	10
<b>Fine Mixed.</b> Height 6 to 8 ft.....	10
The above collection comprises the most beautiful and useful varieties of Passion Flowers.	
<b>PHASEOLUS Caracalla</b> (the Snail Vine). Hhp. Lilac-purple and white; very beautiful and interesting. Height 8 ft.	10
<b>SMILAX.</b> P. White; very useful for festooning, etc. Height 6 ft.....	10
<b>SOLLYA heterophylla</b> (Climbing Bluebell). Hhp. A pretty climber, with charming intense blue flowers. Height 6 ft.....	15
<b>TACSONIA.</b> Hhp. Beautiful climber, resembling Passiflora in foliage and flowers, colors varying from pink to crimson. Very ornamental.	



NASTURTIUM, TALL CHAMELEON.

	Pkt.
<b>Van Volxemi.</b> Dazzling scarlet. Height 6 ft.....	\$0 15
<b>Mixed.</b> Height 6 ft.....	10
<b>THUNBERGIA alata.</b> Hha. Free bloomer of rapid growth; flowers of white and yellow shades, with striking black centers. Mixed, white and yellow. Height 6 ft.....	10
<b>TROPAEOLUM.</b> A. Useful climber, which may be pegged down and used for bedding purposes. May also be grown in pots for winter flowering.	
<b>Lobbianum, Spitfire.</b> Vivid scarlet. Height 6 ft.....	05
<b>Finest Mixed.</b> All colors. Height 6 ft..	05
<b>WISTARIA Sinensis.</b> P. A charming old-fashioned hardy climber, producing its pale blue flowers in large clusters in early spring. Light blue. Height 50 ft.	15

## SWEET PEAS

### LEADING STANDARD SORTS

<b>America.</b> White ground, striped with blood-red.	<b>Dorothy Eckford.</b> The new white. One of the largest and purest whites. The best in existence.
<b>Apple Blossom.</b> White suffused with rosy carmine.	<b>Dorothy Tennant.</b> Deep rosy mauve.
<b>Aurora.</b> White, striped and flaked with orange-salmon; very large.	<b>Emily Eckford.</b> Standard light reddish mauve, wings porcelain blue.
<b>Blanche Burpee.</b> Pure white; large.	<b>Emily Henderson.</b> Pure white; splendid.
<b>Blanche Ferry.</b> Pink and white.	<b>Gorgeous.</b> Bright orange-salmon, wings orange-red.
<b>Countess of Cadogan.</b> The first opened blossoms have purple standards, which turn to a clear bright blue.	<b>Gray Friar.</b> Beautiful watered purple on white ground.
<b>Countess of Radnor, Improved</b> (New Countess). Pure light lavender; very large.	<b>Janet Scott.</b> Bright pink. Wings rose pink.

**SWEET PEAS, continued.**

- Hon. Mrs. E. Kenyon.** A fine large clear primrose-yellow.
- Hon. F. Bouverie.** Standard coral-pink, wings flesh pink.
- Juanita.** White, striped lavender and mauve.
- King Edward VII.** Bright crimson; very large flowers. Best red.
- Lady Grisel Hamilton.** Delicate silvery lavender.
- Lottie Eckford.** White, suffused and edged with lavender.
- Lottie Hutchins.** Penciled and clouded pink on straw-yellow.
- Lovely.** Shell-pink; extra large; very fine.
- Maid of Honor.** White and lavender, edged blue.
- Miss Willmott.** Bright orange-pink, veined with a deeper tint.
- Modesty.** A very soft and delicate pale pink.
- Mont Blanc.** The earliest Sweet Pea yet introduced. The flowers are large and of the purest white.
- Navy Blue.** Deep blue; extra fine.
- Othello.** Deep maroon; very large and of the finest type.
- Prima Donna.** Soft rose-pink; extra fine.
- Ramona.** White striped and splashed with delicate pink.
- Royal Rose.** Deep rose, shaded light pink.
- Sadie Burpee** (black-seeded). White, bluish tinge when young; large.
- Salopian.** Deep crimson-red; extra large.
- Sensation.** White with flesh tinge.
- Stella Morse.** Primrose, clouded rosy apricot.

The above varieties, separate colors, pkt. 5 cts., doz. pkts. 50 cts., oz. 10 cts., lb. ¼ lb. 25 cts., lb. 60 cts. The whole collection of 35 varieties, 1 pkt. of each, postpaid for \$1.25.

**Germain's Sunset Collection** of 12 beautiful varieties of California Large flowering Sweet peas, 50 cts.

**California Large-flowering Mixed.** From 20 named varieties. Pkt. 5 cts., oz. 10 cts., ¼ lb. 20 cts., lb. 60 cts.

**Germain's Special Light Mixture.** Including only light and bright colors. Same price as above.

**Double Mixed.** A new class of Sweet Peas. Pkt. 10 cts., oz. 15 cts., lb. \$1.

**CUPID, or DWARF SWEET PEAS**

The Cupid varieties are very showy and splendid for bedding. Height 6 in. Plant the seeds 6 in. apart.

- Alice Eckford.** Standard creamy white, wings white, flushed pink.
- Beauty.** Standard rose, shading to white, wings rosy carmine.
- Boreatton.** Rich deep maroon.
- Countess of Radnor.** Delicate lavender; large, extra fine.
- Firefly.** Dazzling scarlet; free bloomer.
- Pink.** Standard bright rose-pink, wings white or light pink.
- Primrose.** Pale primrose or creamy white.
- White.** Pure white; very fine.

The above varieties, mixed or separate, pkt. 5 cts., oz. 15 cts. The collection of 8 varieties, 1 pkt. of each, postpaid for 35 cts.



**CHOICE NEW VARIETIES**

- E. J. Castle.** A large flowering variety; color, rich carmine rose shading to salmon in the standard. Pkt. 15 cts.
- Frank Dolby.** Color lavender blue, wavy standard; the largest of the lavenders. Pkt. 15 cts.
- Mrs. Alfred Watkins.** Beautiful pale pink, large size, with bold wavy standards. Pkt. 15 cts.
- Nora Unwin.** The largest pure white flowers of fine form. Pkt. 15 cts.
- Queen Alexandra.** The finest bright scarlet large flower. Pkt. 15 cts.
- Countess Spencer.** An orchid flowering variety, shell pink, shading to deeper pink at the edges. Pkt. 10 cts.
- Helen Lewis.** In shape like the above, standard orange, wings rosy orange. Pkt. 10 cts.
- Helen Pierce.** Mottled and veined bright blue on pure white. Pkt. 10 cts.

**Special Offer of Flower Seeds in Collections**

These are put up in small separate packets, each labeled with the name or color, and all enclosed in a larger envelope labeled with the name and number of varieties contained therein.

- No. 1—25** fine varieties of annual and perennial flower seeds, \$1.
- No. 2—12** varieties annual and perennial flower seeds, 50 cts.
- No. 3—12** beautiful varieties, trailing and climbing plants, 50 cts.
- No. 4—6** beautiful varieties, trailing and climbing plants, 25 cts.

- No. 5—6** fine varieties of everlasting flowers, 25 cts.
- No. 6—6** choice varieties of Tom Thumb Nasturtiums, 25 cts.
- No. 7—6** choice varieties of Tall or Climbing Nasturtiums, 25 cts.
- No. 8—6** beautiful varieties of Ornamental Gourds, 25 cts.
- No. 9—4** grand varieties of Passion Flowers, 50 cts.
- No. 10—5** fine varieties of Ornamental Grasses, 25 cts.

# ORNAMENTAL GRASSES

Most of these, if cut before they are quite ripe, will be useful in winter bouquets or with everlasting flowers. A—Annual. P—Perennial. Sow in boxes in February or March; when large enough transplant.

	Pkt.
<b>AGROSTIS nebulosa.</b> A. Very graceful and fine for vases or bouquets. Height 1 ft.....	\$0 10
<b>Pulehella.</b> A. Very graceful and fine for vases and bouquets. Height 1 ft.....	10
<b>AVENA sterilis</b> (Animated Oats). A. Singular and curious. Height 3 ft.....	05
<b>BRIZA maxima.</b> A. Large. Height 1½ ft.	05
<b>Gracilis</b> (Quaking Grass). A. Slender; fine for bouquets. Height 1 ft.....	05
<b>ERAGROSTIS elegans</b> (Love Grass). A. Has beautiful dancing spikelets; good for bouquets. Height 1 ft.....	05
<b>EULALIA Japonica</b> (Japan Plume Grass). P. Very effective in groups. Height 6 ft.....	10
<b>FESTUCA glauca.</b> P. Very neat and compact; fine for edgings to ribbon beds and borders. Height ½ ft.....	10

<b>Festuca procumbens.</b> P. Very neat and compact; fine for edgings to ribbon beds and borders. Height ¼ ft.....	\$0 10
<b>ISOLEPIS gracillis.</b> P. Very pretty rush-like grass for hanging-baskets and pot culture. Height 1 ft.....	10
<b>LAGURUS ovatus</b> (Hare's Tail Grass). A. Fine for bouquets. Height 2 ft.....	05
<b>LASIAGROSTIS argentea.</b> P. Very graceful and fine for bouquets. Height 3 ft.	10
<b>STIPA pennata</b> (Feather Grass). P. Universally admired in bouquets. Height 2 ft.....	10
<b>TRICHOLAENA rosea.</b> P. Very pretty, with rose colored panicles. Height 3 ft.	10
<b>UNIOLA latifolia</b> (Sea Oats). P. Very ornamental. Height 4 ft.....	10
<b>ZEA Japonica fol. variegata.</b> (Striped Japanese Maize.) Hha. Very ornamental. Height 4 ft.....	05

# PERENNIALS

	Pkt.
<b>ALYSSUM saxatile.</b> B. Fine for borders or rockwork. Beautiful yellow. Height ¾ ft.....	\$0 05
<b>ANCHUSA Capensis</b> (Cape Alkanet). B. Azure-blue, free-blooming biennial. Height 1½ ft.....	05
<b>ANEMONE coronaria</b> (Windflower). Beautiful early spring-flowering plants. Mixed. Height ½ ft.....	10
<b>ANTIRRHINUM</b> (Snapdragon). B. Hardy perennials, flowering the first year, unsurpassed for borders.	
<b>Majus.</b> Tall mixed. Height 2 ft.....	05
<b>Tall White.</b> Height 2 ft.....	05
<b>Tall Yellow.</b> Height 2 ft.....	05
<b>Tall Firefly.</b> Brilliant scarlet. Height 2 ft.....	05
<b>Dwarf, Mixed.</b> Height 1 ft.....	05
<b>Victoria.</b> Pure white. Height 2 ft.....	10
<b>Tom Thumb, Mixed.</b> Height ¾ ft.....	05
<b>AQUILEGIA</b> (Columbine). B. Handsome hardy perennials, indispensable as decorative border plants.	



BELLIS PERENNIS.



ANEMONE CORONARIA.

	Pkt.
<b>Chrysantha.</b> Yellow. Height 2 ft.....	\$0 10
<b>Double Mixed Hybrids.</b> Very fine. Height 2 ft.....	10
<b>Single Mixed.</b> Height 2 ft.....	05
<b>Coerulea</b> (Colorado State Flower).....	15
<b>ARABIS alpina</b> (Rock Cress). Useful for rockwork. White. Height ½ ft.....	05
<b>ARMERIA</b> (Thrift, or Sea Pink). A very hardy plant, fine for edging.....	10
<b>ASPARAGUS Sprengeri.</b> A fine ornamental plant for hanging-baskets.....	10
<b>Plumosus.</b> A fine pot-plant. 100 seeds 85 cts.....	10
<b>ASPERULA odorata</b> (Woodruff). White; very fragrant. Height ½ ft.....	10
<b>ASTER</b> (Michaelmas Daisy). Perennial varieties, finest mixed. Height 3 ft..	10
<b>AURICULA.</b> Finest English hybrids; from the finest collection. Fine deep colors, variously margined. Good for pot culture. Height ½ ft.....	25
<b>BEGONIA.</b> T. Tuberous-rooted, single, splendid mixed. Height 1½ ft.....	50
<b>Semperflorens.</b> Finest of the more hardy bedding Begonias.....	25
<b>BELLIS.</b> The popular Double English Daisy. Very useful for edgings.	
<b>Perennis fl. pl.</b> Mixed double; fine. Height ¼ ft.....	10
<b>Longfellow.</b> Large, double rose. Height ¼ ft.....	10



PERENNIALS, Continued



CAMPANULA (CANTERBURY BELLS.)

- Quilled. Double mixed, fine. Height ¼ ft. \$0 15
- Snowball. Double white. Height ¼ ft. 10
- Double Red. Height ¼ ft. 10
- CACTUS. Saved from the best and most distinct species. Finest mixed. Height ½ to 4 ft. 15
- CAMPANULA (Bellflower). Hardy plants, well suited for mixed borders.
- Carpatia. Blue. Height ½ ft. 05
- Pyramidalis. Blue. Height 3 ft. 05
- See, also, Canterbury Bells.
- CANNA. Handsome plant for lawn decoration and for backgrounds. Soak the seed in tepid water twenty-four hours before sowing.
- New French Hybrids. Mixed. Height 4ft. 10
- CANTERBURY BELLS. B. Very handsome border perennials of great utility, and deservedly popular favorites. The last two kinds are of great beauty, the calyx being of the same color as the flower. They are called "Hose in Hose," or "Cup and Saucer" Canterbury Bells.
- Single. Blue, white, rose and mixed. Height 2 ft. 05
- Double. Blue, white, rose and mixed. Height 2 ft. 10
- Calycanthema Mixed. Height 2 ft. 10
- CARNATION. Our collection comprises the most richly scented and beautifully marked varieties.
- Finest German Mixed. Height 1½ ft. 25
- Redondo Mixed. Height 1½ ft. 15
- Perpetual, or Tree. Very fine. Height 2 ft. 25

- Perpetual, or Tree. Hermine. Pure white; extra fine. Height 2 ft. \$0 25
- Grenadin. Early dwarf, red. Height ½ ft. 10
- Marguerite Mixed. Will commence flowering within four months from the time of coming up. Height 2½ ft. 10
- Marguerite, Snowflake. Pure white. Height 1½ ft. 10



MARGUERITE CARNATION.

- CENTAUREA (Dusty Miller). Fine plants for ribbon beds or borders.
- Candidissima. White foliage. Height 1 ft. \$0 10
- Gymnocarpa. Height 1 ft. 10
- CERASTIUM tomentosum (Jerusalem Star). white leaves; trailing; useful for edging and rock work. 15



PERENNIALS, Continued



SHASTA DAISY.

**CHRYSANTHEMUM frutescens** (Paris Daisy or Marguerite). B. White, yellow eye. Height 2 ft. . . . \$0 10  
**Leucanthemum hybridum** (Shasta Daisy). White, yellow center; flowers 4 inches in diameter; valuable for cutting. Height 2 ft. . . . . 10  
**Indicum** (Chinese). Mixed. Height 3 ft. . . . . 10  
**Nanum** (Pomponne). Mixed. Height 2 ft. . . . . 10  
**Japonicum** (Japanese). Mixed. Height 3 ft. . . . . 10  
 The last three kinds are the Chinese and Japanese varieties, so extensively grown and used during the fall months.  
**CINERARIA maritima candidissima**. Silvery foliage, very useful for ribbon beds and borders. Height 1 ft. . . . . 10  
**CLIANTHUS Dampieri** (the Australian Desert Pea). A magnificent flower, scarlet, with black center. Water sparingly after Pkt; sowing. Height 4 ft. . . \$0 15

**COLEUS**. T. Ornamental decorative-leaved plants; fine for house decoration or subtropical gardening.  
**New large-leaved**. Very fine. Height 2 ft. . . . . 25  
**Finest Mixed**. Height 2 ft. . . . . 15

**CONVOLVULUS Mauritaniensis**. Hardy perennial for hanging-baskets with flowers of bright metallic luster. Lavender, trailer . . . . . 10

**COREOPSIS lanceolata**. B. A beautiful plant, with lance-shaped leaves and showy bright flowers 2 or 3 inches in diameter. Yellow. Height 2 ft. . . . . 10

**CUPHEA platycentra** (the Cigar Plant). Pretty tubular flowers. Scarlet and black. Height 2 ft. . . . . 10

**CYCLAMEN**. Hh. Charming winter-flowering house plants. Our seed is the finest strain.  
**Persicum**. Bulb. Fine mixed, white and pink. Height ½ ft. . . . . 25  
**Persicum giganteum**. Bulb. Fine mixed, white and pink. Height ¾ ft. . . . . 25

**DAISY**. See Bellis.  
**DAISY, Shasta**. See Chrysanthemum.

**DAHLIA**. Hh. Large-flowered, double, best quality mixed. Height 5 ft. . . . . 15  
**Cactus**. Mixed colors. Height 5 ft. . . . . 15  
**Pomponne**. Small bouquet, mixed. Height 4 ft. . . . . 15  
**Single, Mixed**. Height 5 ft. . . . . 10



COREOPSIS LANCEOLATA.

Pkt.  
 The Cactus and Single Dahlias are becoming very popular.  
**DELPHINIUM cardinale**. (Scarlet Larkspur). Bright scarlet. Height 3 to 5 ft. . . \$0 10  
**Elatum** (Bee Larkspur). Mixed. Height 3 ft. . . . . 05  
**Formosum**. Bright blue. Height 4 ft. . . . . 10  
**Hybridum**. Double, extra choice mixed. Height 3 ft. . . . . 15  
 Perennial Larkspur. Fine border plants of brilliant colors.  
**DIANTHUS Chinensis** (China Pinks). B. Very free-flowering and showy.  
**Double Mixed**. Height 1 ft. . . . . 10  
**Heddewigii, Fine Mixed**. Height 1 ft. . . . . 10  
**Heddewigii, Crimson Bell**. Dark crimson. Height 1 ft. . . . . 10  
**Heddewigii, Queen of Holland**. White. Height 1 ft. . . . . 10  
**Heddewigii nobilis** (Royal Pinks). Flowers 3 to 4 inches in diameter, petals frilled and fringed; colors vary from bright blood-red to carmine, pink and white. Height 1 ft. . . . . 10  
**Diadematus**. (Double Diadem Pink). Height 1 ft. . . . . 10  
**Diadematus albus** (White Diadem Pink). Height 1 ft. . . . . 10  
**Laciniatus, Single Mixed**. Height 1 ft. . . . . 10  
**Laciniatus, Double Mixed**. Height 1 ft. . . . . 10  
**Imperialis** (Double Imperial Pink). Mixed. Height 1 ft. . . . . 10

PERENNIALS, Continued



DIANTHUS LACINIATUS, DOUBLE.

- |  |        |
|--|--------|
|  | Pkt.   |
| Hybridus. Double mixed. Height 1 ft..  | \$0 10 |
| <b>DIGITALIS gloxinoides</b> (Foxglove). Bears fine spikes of variously spotted and blotched flowers for borders and shrubbery. Fine mixed. Height 3 ft.....         | 05     |
| <b>DODECATHEON Meadia</b> (American Cow-slip). Lilac. Fine for rockwork, etc. Height ½ ft.....   | 10     |
| <b>ERPETION reniforme</b> (Viola hederacea; Australian Pansy). A pretty tufted plant with kidney-shaped leaves and blue flowers; rare and curious. Height ½ ft. .... | 25     |
| <b>ERYTHRINA Crista-Galli</b> (Coral Tree). Dark red. A handsome decorative plant for shrubbery, etc. Height 6 ft.....   | 15     |
| <b>EVENING PRIMROSE</b> . Yellow. Very showy for mixed borders and shrubbery, etc. Height 3 ft.....  | 05     |
| <b>FERNS</b> . All species mixed; saved from the choicest varieties. Height ½ to 2 ft.   | 15     |
| <b>FORGET-ME-NOT</b> . See <i>Myosotis</i> .   |        |



GAILLARDIA LORENZIANA.

- |  |        |
|--|--------|
|  | Pkt.   |
| <b>FRAXINELLA</b> (Burning Bush). Red; handsome. The seed is slow to germinate. Height 2 ft.....   | \$0 10 |
| <b>FREESIA refracta alba</b> . B. Well-known bulbous plants, blooming in one year from seed. White. Height ¾ ft.....   | 10     |
| <b>FRENCH HONEYSUCKLE</b> ( <i>Hedysarum coronarium</i> ). Red and white mixed. Hardy, profuse-blooming. Succeeds well near the seaside. Not to be confounded with the climbing Honeysuckle, as it is quite a distinct species. Height 3 ft..... | 05     |
| <b>FUCHSIA</b> . Hb. Favorite flowering shrubs. Seeds from the finest named varieties.   |        |
| <b>Hybrida</b> . Single, finest mixed. Height 3 ft. ....   | 25     |
| <b>Double</b> . Finest mixed. Height 3 ft.....   | 25     |



GERANIUM.

- |  |        |
|--|--------|
|  | Pkt.   |
| <b>GAILLARDIA</b> (Blanket Flower). B. Very showy border plant.  |        |
| <b>Picta</b> . Red and yellow. Height 1½ ft..  | \$0 05 |
| <b>Lorenziana</b> . Double, mixed colors. Height 1½ ft.....  | 05     |
| <b>Grandiflora</b> . Splendid mixed. Height 2 ft.  | 10     |
| <b>Grandiflora maxima</b> . Golden yellow. Height 2 ft.....  | 10     |
| <b>GENTIANA acaulis</b> . An alpine plant of great beauty; fine for borders and rockwork; intense blue. Height ¼ ft. | 10     |
| <b>GERANIUM</b> . B. Seed saved from best varieties of all kinds.  |        |
| <b>Apple-scented</b> . Very fragrant. Height 1½ ft.....  | 15     |
| <b>Zonale, Single</b> . Finest mixed. Height 5 to 6 ft.....  | 10     |
| <b>Zonale, Double</b> . Finest mixed. Height 3 ft.....   | 25     |
| <b>Ivy-leaved</b> . Trailer. Finest mixed.....   | 15     |
| <b>Tricolor</b> . Gold and bronze leaves. Height 2 ft.....   | 25     |
| See <i>Pelargonium</i> for show varieties.   |        |
| <b>GERBERA JAMESONI</b> (Transvaal Daisy). The Scarlet Daisy of South Africa....                                     | 50     |

PERENNIALS, Continued



GLOXINIA.

	Pkt.
<b>LAVENDER.</b> Blue; a hardy shrub, well known and esteemed for its delicious fragrance. Height 3 ft.....	\$0 05
<b>LINARIA Cymbalaria</b> (Kenilworth Ivy). White and purple; very pretty for rock and hanging-baskets; trailer....	10
<b>LOBELIA cardinalis</b> (Cardinal Flower). A handsome border plant with bronze foliage and brilliant scarlet flowers. Height 2 ft.....	10
<b>LUPINUS.</b> B. Mixed, all colors. Height 1 to 4 ft.....	05
<b>LYCHNIS</b> (Jerusalem Cross). B. Favorite hardy plants for borders and shrubbery. <b>Chalcedonica.</b> Bright scarlet. Height 2 ft. <b>Haageana Hybrida.</b> Finest mixed. Height 2 ft.....	10
<b>MARVEL of Peru</b> (Four O'Clocks). This well-known plant has few rivals for beauty, expanding in the afternoons and continuing open all night. Finest mixed. Height 2 ft.....	05

<b>GEUM coccineum</b> (Scarlet Avens). A Chilean plant of great beauty; very useful in mixed borders. Scarlet. Height 2 ft.	\$0 10
<b>GLOXINIA hybrida.</b> T. A beautiful greenhouse perennial bulb. Seed saved from the finest erect and drooping varieties. Finest mixed. Height 1 ft.....	25
<b>GOLDENROD.</b> See Solidago.	
<b>GYPSOPHILA paniculata.</b> B. Very graceful, flowering in panicles, and excellent for cut-flowers. White. Height 1½ ft. See, also, Annuals.....	05
<b>HELIOTROPIMUM</b> (Cherry Pie). B. Deliciously fragrant, also fine for pot culture. Finest mixed. Height 6 ft.....	10
<b>HEUCHERA.</b> B. Allied to the Saxifragas; very graceful; valuable for cut-flowers. <b>Sanguinea.</b> Crimson. Height 1 ft.....	15
<b>Alba.</b> White. Height 1 ft.....	15
<b>HIBISCUS.</b> Well-known showy perennial shrubs with brilliant flowers. <b>Coccineus.</b> Scarlet. Height 5 ft.....	10
<b>Roseus grandiflorus.</b> Pink. Height 4 ft.	10
<b>HOLLYHOCK.</b> Favorite hardy perennials. Will flower the first season if sown early. <b>German Finest Double Mixed.</b> Height 5 ft.....	10
<b>German Finest Double Yellow.</b> Height 5 ft.....	10
<b>German Finest Double White.</b> Height 5 ft.	10
<b>German Finest Double Crimson.</b> Height 5 ft.....	10
<b>German Finest Double Pink.</b> Height 5 ft.	10
<b>Chater's Superb Double Mixed English.</b> Height 5 ft.....	10
<b>Allegheny.</b> Semi-double, fringed, mixed. Height 5 ft.....	10
<b>ONESTY.</b> B. Interesting in a dried state, the membranous lining of the seed-pod making a handsome ornament for winter bouquets. Purple. A biennial. Height 1½ ft.....	10
<b>UNNEMANNIA fumariaefolia.</b> A showy plant belonging to the Poppy family. Yellow. Height 2 ft.....	10
<b>YACINTHUS candicans.</b> A bulbous plant, throwing up a spike bearing 20 to 30 yucca-like flowers; pure white and fragrant. Height 3 ft.....	10
<b>OMOPSIS</b> (Texas Plumes). Showy scarlet and gold pyramidal blossoms and feathery foliage. Fine mixed. Biennial. Height 3 ft.....	10
<b>ANTANA.</b> B. White, rose and yellow particolored fragrant flowers, like the heliotrope in form. Finest mixed. Height 4 ft.....	10



HOLLYHOCK.

	Pkt.
<b>MATRICARIA eximia</b> (Feverfew). B. Double white, very handsome, showy flowers continuing a long time in bloom. Height 2 ft.....	\$0 05
<b>MIMULUS.</b> Brilliant perennials, flowering the first season if sown early, also suitable for pot-culture. <b>Cardinalis</b> (Scarlet Monkey Flower). Dark red. Height 1½ ft.....	10
<b>Tigrinus grandiflorus.</b> Finest mixed, spotted and tigered varieties. Height 1½ ft.....	10

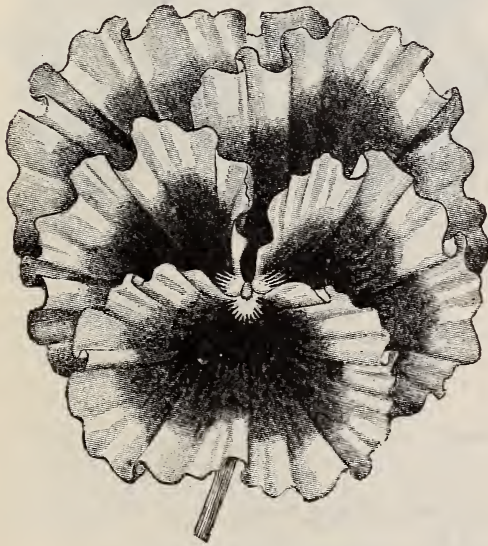
PERENNIALS, Continued

	Pkt.
<b>MUSK Plant</b> ( <i>Mimulus moschatus</i> ). Yellow; a universal favorite. Height ½ ft....	\$0 10
<b>MYOSOTIS</b> ( <i>Forget-me-not</i> ). B. Very beautiful and much prized for spring flowers.	
<b>Azorica</b> . Dark blue. Height ½ ft.....	10
<b>Alpestris</b> . Light Blue. Height ½ ft....	10
<b>Dissitiflora</b> . Brilliant blue, earliest flowering. Height ½ ft.....	15
<b>Palustris semperflorens</b> . Bright blue. Height 1 ft.....	10
<b>NEREMBERGIA gracilis</b> . Silvery lavender. Excellent for hanging-baskets, edging, etc. Height 1 ft.....	10
<b>OENOTHERA Lamarekiana</b> . A grand Evening Primrose, with long spikes of yellow flowers. Yellow. Height 4 ft....	05
<b>OXALIS</b> ( <i>Shamrock, or Wood Sorrel</i> ). Delightful little plants for edging, hanging-baskets and rockwork.	
<b>Rosea</b> . Pink. Height ½ ft.....	10
<b>Tropaeoloides</b> . Yellow. Height ¼ ft...	10



SCOTCH PRIZE PANSY.

	Pkt.
<b>Gold-margined</b> . Brown with gold border. Height ½ ft.....	\$0 10
<b>Lord Beaconsfield</b> . Large, purple-violet shading off to lavender. Height ½ ft..	10
<b>Mahogany-colored</b> . Height ½ ft.....	10
<b>Masterpiece</b> . New Giant curled, or ruffled Pansy. Highest perfection in the class	25
<b>Peacock</b> . Royal purple, shot with peacock-blue. Height ½ ft.....	15
<b>President Carnot</b> . White, violet blotches. Height ½ ft.....	15
<b>Snowflake</b> . Pure white. Height ½ ft....	10
<b>Striped and Variegated Varieties</b> . Height ½ ft.....	10
<b>Victoria</b> . Blood-red. Height ½ ft.....	15
<b>Violet</b> . White-margined. Height ½ ft....	10
<b>White, with Black Center</b> . Height ½ ft....	10
<b>Pine Mixed</b> . Height ½ ft.....	10
<b>PELARGONIUM</b> ( <i>Lady Washington Geranium</i> ). B. Favorite bedding and greenhouse plants, with brilliant flow-	



PANSY, MASTERPIECE.

PANSY, or HEARTSEASE

Pansies should be carefully cultivated, and will amply repay liberal treatment. All the following strains are carefully saved from the choicest flowers.

	Pkt.
<b>Bugnot's Superb Blotched</b> . Extra fine. Height ½ ft.....	\$0 50
<b>Cassier's</b> . Very large-flowered, finest mixed. Height ½ ft.....	25
<b>English Mixed</b> . Extra select, very large and velvety. Height ½ ft.....	15
<b>Giant Trimardeau</b> . Mixed, very large and of vigorous growth. Height ¾ ft.....	25
<b>Giant Trimardeau Parisian Large Stained</b> . New class, large-flowered. Height ¾ ft..	25
<b>Odier's Five-Blotched</b> . Very fine, with a black blotch on each petal. Height ½ ft.	25
<b>Scotch Prize</b> . From extra selected prize flowers. Height ½ ft.....	50
<b>Germain's Best Prize Mixture</b> of all the best strains. Height ½ ft.....	25
<b>Common Bedding Mixture</b> .....	05
<b>Azure Blue</b> . Height ½ ft.....	10
<b>Emperor William</b> . Ultramarine blue. Height ½ ft.....	10
<b>Faust, or King of the Blacks</b> . Coal-black. Height ½ ft.....	10
<b>Golden Yellow</b> . Pure. Height ½ ft.....	10
<b>Golden Yellow, with Dark Center</b> . Height ½ ft.....	10



SINGLE-FRINGED PETUNIA.

PERENNIALS, Continued

<b>PELARGONIUM</b> , Continued.	Pkt.
ers. Seeds saved only from the finest sorts. Fancy, best and richest colors mixed. Height 3 ft.....	\$0 25
<b>Large-flowered</b> . Richest colors, mixed. Height 3 ft.....	15
<b>PENTSTEMON</b> . B. Fine herbaceous perennials, very showy in mixed borders.	
<b>Hartwegi grandiflorus</b> . New large-flowered mixed. Height 2 ft.....	15
<b>Finest Mixed</b> . Height 2 ft.....	05
<b>PETUNIA</b> . Very ornamental, free-flowering plants, for bedding in masses or borders.	
<b>Single Inimitable</b> . Blotched and striped, very handsome. Height 1 ft.....	10
<b>Single Giants of California</b> . Very large ruffled and fringed, extra fine mixed. Height 1 ft.....	25
<b>Single Fringed</b> . Large-flowered, superb mixed. Height 1 ft.....	25
<b>Single, White</b> . Height 1 ft.....	10
<b>Single, Good Mixed</b> . Height 1 ft.....	10
<b>Double, Fringed</b> . Superb mixed. Height 1 ft.....	50
<b>Double, Extra-Fine Mixed</b> . Height 1 ft..	25
<b>PHLOX</b> , Perennial. B. A very showy, handsome plant. Finest mixed. Height 2 ft.....	10
<b>PHYSALIS Francheti</b> (Chinese Lantern Plant). Very ornamental; produces an abundance of large, white flowers, followed by inflated husks, which are first green, afterward changing to a yellowish color, and then to orange-scarlet; in shape like a Chinese lantern. White. Height 2 ft.....	15
<b>PICOTEE PINK</b> . B. Splendid hardy Pinks, beautifully marked on edge of petals. Finest mixed. Height 1½ ft.....	15

<b>PINK, Florist's</b> (Pheasant's Eye Pink). B. Very fine, usually marked with a ring in center, double and fragrant. From fine show varieties, mixed. Height 1 ft..	\$0 10
<b>POINSETTIA pulcherrima</b> (Christmas Flower).	25
<b>POLEMONIUM coeruleum</b> (Jacob's Ladder). An old-fashioned English perennial, used in mixed borders. Blue. Height 2½ ft.....	10
<b>POLYANTHUS</b> . Charming early-flowering plants, beautifully laced and edged.	
<b>Finest Gold-laced Varieties</b> . Height ½ ft.	25
<b>Choice Mixed</b> . Height ½ ft.....	10



PETUNIA DOUBLE.

<b>POPPY</b> . Very showy plants for mixed borders. The Iceland Poppies will bloom the first year from seed if sown early. For other varieties, see list of annuals.	
<b>Perennial Hybrid Mixed</b> . Height 4 ft....	\$0 25
<b>Papaver orientale, Dark Red</b> . Height 4 ft.....	10
<b>Papaver orientale, Mixed</b> . Height 4 ft..	10
<b>Papaver bracteatum</b> . Scarlet. Height 3 ft.....	10
<b>Iceland</b> (Papaver nudicaule), <b>Yellow</b> . Height 1¼ ft.....	10
<b>Iceland, White</b> . Height 1¼ ft.....	10
<b>Iceland, Orange</b> . Height 1¼ ft.....	10
<b>Iceland, Mixed</b> . Height 1¼ ft.....	10
<b>PRIMROSE</b> . An old-fashioned garden-favorite. True English yellow. Height ½ ft.....	15
<b>PRIMULA Sinensis</b> . T. Fine pot-plants for winter and spring flowering; for indoor culture.	
<b>Fringed White</b> . Height ½ ft.....	25
<b>Fringed Red</b> . Height ½ ft.....	25
<b>Finest Mixed Fringed</b> . Height ½ ft....	25
<b>Obconica</b> . T. Light mauve. Height ½ ft.	15
<b>PYRETHRUM CINERARIAEFOLIUM</b> . The plant from which is made the Persian insect powder in Europe, or "Buhach" as made in California.....	15
<b>PYRETHRUM roseum hybridum</b> . Single. Finest mixed. Height 2 ft.....	10
<b>Parthenifolium aureum</b> (Gold Feather). Height ½ ft.....	10
<b>Parthenifolium aureum selaginoides</b> . Yellow fern-like foliage, very fine. Height ½ ft.....	10
The second variety is grown for its flowers, the last two are well-known edging plants.	
<b>ROMNEYA Coulteri</b> (Matilija Poppy). A noble plant. White, with yellow center. Height 6 to 10 ft.....	10



PERENNIAL HYBRID POPPY, MIXED.

PERENNIALS, Continued

	Pkt.		Pkt.
<b>ROSE CAMPION</b> ( <i>Agrostemma coronaria</i> ). Crimson flowers; silvery foliage. Height 1½ ft. ....	\$0 05	brick red, crimson, light blue, violet, white and finest mixed. Height 2 ft. ....	\$0 15
<b>ROCKET, Sweet</b> (Dame's Violet). Valuable for borders, free-blooming and sweet- scented. Fine mixed. Height 1½ ft. ....	05	<b>Cocardeau, or Giant Cape Winter.</b> Finest mixed. Height 2½ ft. ....	15
<b>RUDBECKIA bicolor superba semipleana.</b> Semi-double-flowering. Fine for cutting. Height 2 ft. ....	10	<b>Emperor.</b> Very fine mixed. Height 2½ ft. ....	15
<b>SALVIA</b> (Flowering Sage). B. Brilliant- flowering plants for borders, back- grounds and centers of beds.		<b>SWEET WILLIAM.</b> B. Well-known and very showy plants for borders; flower- ing early in the spring.	
<b>Patens.</b> Hh. Sky-blue. Height 2 ft. ....	15	<b>Hunt's Auricula-flowered Perfection.</b> Sing- le mixed. Height 1½ ft. ....	10
<b>Splendens.</b> Hh. Dazzling scarlet. Height 3 ft. ....	10	<b>Single.</b> Pure white. Height 1½ ft. ....	10
<b>SANTOLINA Chamaeyparissus</b> (Lavender Cotton). A silvery-leaved plant, useful for edging. Height 2 ft. ....	10	" Finest mixed. Height 1½ ft. ....	05
<b>SAXIFRAGA</b> (Mother of Thousands, or London Pride). Charming little trail- ing plants for hanging-baskets, vases or rockwork. Fine mixed. Height ½ ft. ....	15	<b>Double.</b> Finest mixed. Height 1½ ft. ....	10
<b>SEDUM</b> (Stonewort). Curious plants. For carpet beds. Plant in sandy soil. Fine mixed. Height ½ ft. ....	10	<b>VERBENA.</b> B. A well-known favorite bedding plant. The Lemon Verbena is a shrubby perennial in our mild climate.	
<b>SENSITIVE PLANT</b> ( <i>Mimosa pudica</i> ). An interesting plant with the peculiarity of closing its leaves when touched. Pink. Height 2 ft. ....	05	<b>Auricula-flowered Mixed.</b> With white centers; trailer ....	10
<b>SOLIDAGO Canadensis</b> (Goldenrod). Height 2 to 3 ft. ....	10	<b>Purple.</b> Trailer ....	10
<b>SOLANUM, Weatherill's Hybrids.</b> Hh. Deco- rative species for pot culture, bear- ing orange-colored berries. Mixed. Height 1 ft. ....	10	<b>Italian Striped.</b> Finely striped and mot- tled; trailer ....	10
<b>STATICE latifolia</b> (Sea Lavender). A favo- rite hardy perennial with bright blue flowers, very useful for bouquets. Height 1 ft. ....	10	<b>Large White.</b> Trailer ....	10
<b>STEVIA serrata.</b> B. A valuable plant for florists, producing large heads of small, white fragrant flowers; very graceful and excellent for cutting purposes. White. Height 1½ ft. ....	10	<b>Scarlet.</b> Trailer ....	10
<b>STOCKS</b> (Biennial and Perennial). B. (For Ten-weeks Stocks, see Annuals.) All these Stocks are very double, frag- rant and handsome. The intermediate varieties are biennials. The last three species are splendid decorative border plants. The true "Gillyflower."		<b>Mammoth Mixed.</b> Trailer ....	15
<b>Intermediate East Lothian.</b> Crimson, purple and white. Height 2 ft. ....	15	<b>Pink.</b> Trailer ....	10
<b>Finest Mixed.</b> Height 2 ft. ....	10	<b>Fine Mixed.</b> Trailer ....	05
<b>Brompton.</b> Flesh-color, bright rose, white; petals daisy-like, but broader, and with serrate tips. Height 6 to 12 in. ....		<b>Lemon-scented</b> ( <i>Aloysia citriodora</i> ). Lav- ender. Height 8 to 10 ft. ....	15
		<b>VINCA rosea</b> (Madagascar Periwinkle). Red. Height 2 ft. ....	10
		<b>Alba.</b> White, with red eye. Height 2 ft. ....	10
		<b>Mixed.</b> Height 2 ft. ....	10
		<b>VIOLA.</b> B. With the exception of <i>Viola</i> <i>cornuta</i> , these favorites are too well known to need comment. <i>V. cornuta</i> resembles the Pansies, and is admir- ably adapted for bedding purposes.	
		<b>Mixed.</b> Height ½ ft. ....	10
		<b>Odorata</b> (Sweet Violet). Height ¼ ft. ....	10
		" <b>White.</b> Height ¼ ft. ....	10
		<b>Princess of Wales.</b> Very large. Height ¼ ft. ....	10
		<b>WALLFLOWER.</b> B. Well-known fragrant plant. Single mixed. Height 2 ft. ....	05
		<b>Blood-red.</b> Height 1 ft. ....	10
		<b>Belvoir Castle.</b> Dwarf yellow. Height ¾ ft. ....	10
		<b>Harbinger.</b> Rich blood-red. Height 1 ft. ....	10
		<b>Double German Mixed.</b> Height 2 ft. ....	15
		<b>WIGANDIA Caracensana.</b> Plants remarka- ble for the large size of their leaves; much prized as single specimens for lawns and subtropical gardening. Vio- let. Height 8 to 10 ft. ....	15

CALIFORNIA NATIVE FLOWER SEEDS

The following varieties are all of great beauty, and many of them are rare and difficult to obtain.

<b>BRODIAEA capitata</b> (Cluster Lily). Pret- ty, bulbous; flowers early in spring; deep violet to white. Height ¾ to 1 ft. ....	\$0 10	white; petals daisy-like, but broader, and with serrate tips. Height 6 to 12 in. ....	\$0 10
<b>DELPHINIUM cardinale</b> (Scarlet Lark- spur). Magnificent perennial; flowers intense bright scarlet. Height 3 to 5 ft. ....	10	<b>Glandulosa</b> (White Daisy). Annual flow- ers pure white and daisy-like, but pet- als broader and with serrate tips. Height 6 to 12 in. ....	10
<b>DELPHINIUM Parryi</b> (Blue Larkspur). Beautiful annual; flowers bright blue. Height 2 ft. ....	15	<b>LEPTOSYNE Stillmani.</b> A pretty annual, with compact, bushy, thin-cut leaves; flowers golden yellow, 1½ in. in diam- eter. Height 1 ft. ....	15
<b>DICENTRA chrysantha</b> (California Bleed- ing Heart). Perennial; orange-yellow. Height 3 to 5 ft. ....	15	<b>NEMOPHILA insignis</b> (Baby Blue Eyes). Annual; sky-blue flowers. Height 4 to 6 in. ....	05
<b>DODECATHEON Clevelandii</b> (Shooting Star). Perennial; purple, bordered with yellow. Height ¾ ft. ....	15	<b>PENTSTEMON Bridgesii.</b> Perennial from San Jacinto Mountains. Narrow, dark green leaves; flowers bright scarlet, long and tube-shaped. Height 1½ to 2 ft. ....	15
<b>EMMENANTHE penduliflora</b> (Whispering Bells). Bushy annual; small, light yel- low, bell-shaped flowers. Height 1 to 1½ ft. ....	15	<b>PHACELIA Parryi.</b> Annual. Flowers bell- shaped, dark violet-blue. Height 6 to 12 in. ....	10
<b>ESCHSCHOLTZIA Californica</b> (California Poppy). Annual; one of the most beau- tiful of our native flowers; a favorite. Height 1 to 1½ ft. ....	05	<b>PLATYSTEMON Californicus</b> (Cream Cups). Annual; poppy-like. Heights 8 to 10 in. ....	05
<b>LATHYRUS splendens</b> (Pride of Califor- nia). Magnificent perennial climbing pea; produces abundant large, rich crimson flowers in clusters of 10 or more. Height 6 to 10 ft. ....	15	<b>ROMNEYA Coulteri</b> (Matilija Poppy). The queen of all our native flowers. Per- ennial; whitish green foliage 6 to 8 inches in diameter, pure white with golden stamens; flowers last well when cut. Height 6 to 10 ft. ....	10

SOUVENIR COLLECTION OF CALIFORNIA NATIVE FLOWER SEEDS.—15 varieties in separate packets, including many of the above mailed free on receipt of Fifty Cents.

# Tree and Shrub Seed

The supply of fuel is a vital question for Southern California. Varieties of Eucalyptus and other rapid-growing trees are being largely planted in an attempt to supply the demand. The value of trees for shade and shelter need not be enlarged upon, and the demand for other purposes, such as railroad ties, spokes, shingles, fence posts, etc., is constant. Southern California is well adapted for the purpose, as large areas of land now barren could be well utilized. In raising all kinds of tree seeds successfully, the process of growth and germination in their natural habitat should be imitated as closely as possible. As a rule, all trees and shrub seed germinate slowly compared with vegetable and flower seeds.

**All Hard Seeds**, as acacias, locust, Osage Orange, etc., should be soaked for 24 hours in warm water, say at 120 degrees, before sowing, or, where practicable, strew dry leaves or bushes over the beds after sowing and watering, and set fire to them.

**Deciduous Tree Seeds** should be planted in this section in winter or very early in the spring, as most of these seeds lose their vitality very rapidly. The soil should be well prepared, rich and deep, and the seed should always be sown in drills, and ground kept thoroughly free from weeds. Evergreen tree seeds should be sown in boxes or pans, thoroughly well drained, and should be protected from the sun by being placed under the shelter of a hedge or fence. They are best sown in the spring or fall, and should be carefully transplanted when necessary.

**Vitality.** As many tree seeds are collected in distant countries, and will sometimes fail to germinate, although they may appear well enough to the eye, we wish it to be distinctly understood that we will not in any way be responsible for their failure; but, at the same time, we will use every endeavor to supply the best.

All tree and shrub seeds quoted in this list at less than 50 cts. per oz. we can supply at 10 cts. per pkt.; those quoted at 50 cts. and upward per oz. we can supply at 15 cts. per pkt.

## AUSTRALIAN TREE AND SHRUB SEEDS

We make a separate category of these, as from their value they are worthy of it. The visitor to Australia, at any season, will at once notice that all the indigenous vegetation is evergreen. The writer does not know one deciduous tree or shrub native to that country. The most valuable are, of course, the Eucalyptus. These possess great antiseptic properties, and are, no doubt, also of great value in absorbing moisture from the bottom soils, thus preventing malaria. Their value as rapid-growing timber is also great, some varieties making excellent fuel, while others are nearly unflammable, but are useful in carpentry, and for railway ties, platforms, piles, jetties, etc. Others are very ornamental, bearing showy flowers.

**ACACIA Baileyana.** A small, handsome tree with glaucous green foliage. Leaves pinnate, three to four pairs, leaflets about 20 pairs  $1\frac{1}{2}$  to  $2\frac{1}{2}$  lines long, crowded; linear. Flowers in racemes 3 to 4 inches long, yellow. One of the most beautiful of the Acacias highly recommended for street planting. Height 25 ft. Oz. 60 cts., lb. \$6.

**Cultriformis** (Knife-leaved Acacia). A distinct and beautiful species of upright growth, forming a large shrub, with glaucous green leaves about  $\frac{3}{4} \times \frac{1}{2}$  inch in size. When in bloom the plant presents a splendid appearance on the lawn. Height 15 feet. Oz. 50 cts., lb. \$5.

**Dealbata** (Silver Wattle). Very ornamental. Height 15 ft. Oz. 40 cts., lb. \$4.

**Floribunda.** Ornamental, with very abundant handsome flowers, valuable for lawns, parks, cemeteries, etc. Height 25 ft. Oz. 50 cts., lb. \$5.

**Decurrens** (Green or Black Wattle). A medium-sized tree of rapid growth, very useful for wind-breaks. It is also very rich in tannin. Wood is valuable for fuel, and for turner's and cooper's work. Height 30 ft. Oz. 35 cts., lb. \$3.50.

**Latifolia.** A handsome shade tree, succeeding especially well near the seacoast. Leaves broad; yellow flowers. Native of South Africa. Height 40 ft. Oz. 50 cts., lb. \$5.

**Linifolia** (Flax-leaved). An ornamental shrub, with yellow flowers, growing in heads two to four together. Height 8 ft. Pkt. 15 cts.

**Lophantha** (Albizzia Lophantha; Cape or Crested Wattle). One of the most rapid-growing trees for first temporary shelter, succeeding in the most desolate places. Height 25 ft. Oz. 15 cts., lb. \$1.25.

**Melanoxylon** (Blackwood). In sheltered, irrigated glens this tree will reach a height of from 80 to 100 feet, with a trunk several feet in diameter. The timber is very valuable for cabinet-makers' work. Height 80 ft. Oz. 35 cts., lb. \$3.50.

**Mollissima.** An abundant-blooming tree, very ornamental; suitable for lawns and shrubbery. Height 25 ft. Oz. 50 cts., lb. \$5.

**Saligna.** Small tree of weeping habit; very ornamental. Height 15 to 20 ft. Oz. 40 cts., lb. \$4.

**Acacia pycnantha** (Golden Wattle). Of rapid growth, doing especially well near the seacoast, and containing a large quantity of tannin. Height 40 ft. Oz. 30 cts., lb. \$3.

**BORONIA megastigma.** A beautiful little shrub; flowers copper-color, with strong violet odor. Very rare. Seed germinates slowly. Height 2 ft. Pkt. 50 cts.

**BRACHYCHITON acerifolium** (Flame Tree). Of fine, sturdy, pyramidal growth, with large, handsome foliage, producing masses of scarlet flowers. Height 25 ft. Oz. 30 cts., lb. \$3.



ACACIA DECURRENS.



**AUSTRALIAN TREE AND SHRUB SEEDS, Continued**



ACACIA PYCNANTHA.

- CASUARINA quadrivalvis** (Coast She-Oak). Very valuable for seacoast culture, to prevent the inroads of the sea upon sand-hills. Of quick growth. Wood valuable for shingles, etc. Height 60 ft. Oz. \$1.
- stricta** (She-Oak). Is tougher than the other species; excellent wood for tool handles. Height 30 ft. Oz. \$1.
- suberosa** (Erect She-Oak). A beautiful shade tree. Valuable for fuel. Height 60 ft. Oz. \$1.50.
- Torulosa** (Forest Oak). Wood very valuable for timber; also for fuel, burning to a clear white ash and leaving no cinders. Height 75 ft. Oz. \$1.
- FICUS Australis** (Australian Banyan Tree). A fine evergreen tree, very useful for shade and shelter purposes. This and the follow-



GREVILLEA ROBUSTA.

ing variety are hardy in the neighborhood of Los Angeles, but in districts experiencing sharp frosts they should be sheltered until they are four years old and well established. Height 50 ft. Oz. \$1.

**Macrophylla** (Moreton Bay Fig, or Long-leaved Rubber Tree). A magnificent ornamental shade tree, with large, bright, glossy green leaves. Height 100 ft. Oz. \$1.

**GREVILLEA robusta** (Silky Oak, or Australian Fern Tree). A well-known shade tree, with fern-like foliage and orange flowers; of rapid growth and capable of resisting drought to a remarkable degree. Height 150 ft. Oz. 50 cts., lb. \$5.

**PITTOSPORUM eugenioides**. A valuable evergreen for lawns, parks or cemeteries; of graceful form; light, bright green foliage. Is suitable for tall garden hedges. From South Australia. Height 20 ft. Oz. 50 cts.

**Nigricans**. Dark brown. Height 10 ft. Oz. 50 cts.

**STERCULIA diversifolia** (Brachychiton populneum). A handsome tree of erect, symmetrical growth, with a heavy trunk. The leaves vary much in shape, some being poplar-like, others ivy-shaped, and others slightly or deeply cut. This is without doubt the finest tree for street planting for Southern California and is being very extensively planted. Height 60 ft. Oz. 60 cts., lb. \$6.

**TELOPEA speciosissima** (Waratah, or Australian Tulip). One of the most gorgeous and showy shrubs yet introduced. Flowers crimson-scarlet, in large heads, which are discernable at a great distance. Height 8 ft. Pkt. 15 cts.

**EUCALYPTUS TREE SEED**

**DIRECTIONS FOR RAISING SEEDING EUCALYPTUS**

Sow seed in spring or summer in shallow boxes in a light, sandy soil, with plenty of drainage at the bottom of each box. Cover the seed lightly and protect from the hot sun, but allow plenty of air; water often, but sparingly, especially after seedlings appear. If too much water is given at one time, they are liable to damp off. When the seedlings are two or three inches high, transfer to shallow boxes, placing about 1½ inches apart each way, and when large



EUCALYPTUS AS A WOOD-PRODUCING PROPOSITION.

### EUCALYPTUS TREE SEED, Continued

enough transplant to where they are to remain, and water well the first year. The strong-growing kinds can be sown in August, September and October, and are ready for planting out early in the spring. Slower kinds, as *Eucalyptus amygdalina*, etc., sow in spring.

**Amygdalina** (Messmate Gum). Belonging to this variety are the tallest trees in the world. In Gibb'sland, Australia, are trees over 400 feet in height. Makes first-class timber for flooring boards, scantling, etc., and is well suited for avenue planting. Yields more essential oil than any other variety. Height 400 ft. Oz. 75 cts., lb. \$7.50.

**Bicolor** (Black Box). Timber of great strength and durability. Height 150 ft. Oz. \$1.

**Botryoides** (Bangalay). A stately tree, stems attaining 70 or 80 feet without a branch, and a diameter of 6 feet. Timber very durable and used for planking and ribs of vessels. Posts from old trees known to last over 25 years. Thrives near the coast on light soil. Oz. 75 cts., lb. \$7.50.

**Calophylla**. Ornamental, of rapid growth, with white flowers. Timber valuable for carpentry above ground. Height 50 ft. Oz. \$1.

**Citriodora** (Lemon-scented Gum). A fine ornamental tree with lemon-scented foliage, supplying also a useful timber. Height 80 ft. Oz. \$2.

**Cornuta** (Yate Tree). A rapid-growing variety, and very hardy. Wood very durable, heavy elastic, and considered equal to ash. Highly recommended for alkali land and said to thrive where other varieties have perished. Height 100 ft. Oz. \$1.25, lb. \$11.00.

**Corymbosa** (Blood Wood). Wood of dark red color, easily worked while fresh, but when dry becomes very hard. Useful for fence-posts and railroad ties, being durable under ground. The numerous gum veins render it of little use for saw purposes. Height 100 ft. Oz. \$1.

**Corynocalyx** (Sugar Gum). Very ornamental and useful. Highly valued in this vicinity. Timber very durable and used for railroad ties or for any purpose where durability is required, as it lasts remarkably well under ground. Height 100 ft. Oz. \$1, lb. \$10.

**Crebra** (Narrow-leaved Ironbark). Wood reddish, heavy, elastic and durable, is ant- and teredo-proof. Used for railroad ties, bridges and piles. Height 100 ft. Oz. \$1.

**Diversicolor** (Karri Gum). From Southwest Australia. A tree of remarkable beauty, perfect shape, rapid growth, and one of the very best for street planting. Furnishes good timber for building, masts, shafts, spokes, fence-rails, etc. Not recommended for dry localities or places. Height 300 ft. Oz. \$2.

**Ficifolia** (Scarlet-flowered Gum). The most ornamental of the family. Flowers bright crimson, produced well above the foliage. One of the most effective trees in cultivation. Height 20 ft. 25 seeds 25 cts., 100 seeds 85 cts.

**Globulus** (Tasmanian Blue Gum). Well known; one of the most useful of all, and a very rapid grower. Planted largely in warm countries on account of its malaria-destroying qualities. Remarkably good for fuel, being easily sawn and split. Height 150 ft. Oz. 50 cts., lb. \$6.00.

**Goniocalyx** (New South Wales Blue Gum). Wood very durable, hard and tough. A rapid grower. Height 200 ft. Oz. \$1.

**Gunnii** (Tasmanian Cider Tree). Probably the hardest of the genus. Will stand a considerable amount of frost. Recommended for all elevated and exposed positions. Good for fuel. Height 80 ft. Oz. \$1, lb. \$12.

**Haemastoma** (White Gum). Good for fencing and rough building material; also makes a fair fuel. Grows particularly well on sandy soil. Height 150 ft. Oz. \$1, lb. \$12.

**Hemiphloia** (Common Box). Wood very hard, strong and durable above ground; also a first-class fuel for all purposes. Height 150 ft. Oz. 75 cts.

**Leucoxyton** (Victorian Ironbark). Very hard, strong and durable, excelling hickory in strength. Recommended for underground work in mines, and for railroad ties, bridges, etc. Height 100 ft. Oz. \$1.

**Longifolia** (Woolly Butt). A large tree of great girth, growing well in any soil. Timber is durable and makes excellent fuel. The leaves yield a volatile oil. Height 200 ft. Oz. 75 cts.

EUCALYPTUS TREE SEED, Continued



EUCALYPTUS GLOBULUS (See page 52).



EUCALYPTUS GONIOCALYX (See page 52).

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1892

**Meliiodora** (Black Ironbark). Of spreading growth, with a comparatively stout stem, and makes excellent fuel. The young trees are largely used for telegraph poles, and the flowers are much sought by bees. One of the strongest and most durable timbers in the world. Height 250 ft. Oz. \$1.25.

**Obliqua** (Stringy Bark). A quick grower and produces the best wood for flooring, scanting and shingles; also used in the manufacture of paper. Inferior as fuel, but makes the best charcoal for the forge. Height 300 ft. Oz. 75 cts.

**Obtusifolia** (Yellow Black Butt). A rapid-growing variety, very good for fuel; also used for staves, coopers' and wheelwrights' work. Height 120 ft. Oz. 75 cts.

**Paniculata** (White Ironbark). Wood hard and durable; excellent for railroad ties; also much used for building fencing, as it splits well and is lasting underground. Height 100 ft. Oz. 75 cts.

**Pilularis** (Black Butt). Of rapid growth; one of the best timber-yielding species, much used for flooring boards, railroad ties and telegraph poles. Height 300 ft. Oz. \$1.

**Piperita** (Peppermint Gum). Timber valuable for fence-rails, shingles, etc. Yields a greater quantity of oil than any other variety, and is of remarkably quick growth. Height 300 ft. Oz. \$1.

**Polyantha** (Australian Beach, or Red Box). The timber is much used for mining purposes, and for all underground work, being remarkably hard and durable. Also an excellent fuel. Flowers good for bees. Thrives in temperate and cold climates, withstanding much cold, and succeeds in dry, hilly country. Height 250 ft. Oz. 75 cts., lb. \$9.

**Regnans** (Royal Mountain Ash). A very scarce variety, growing to a large size, and very hardy. Grows on the hill slopes of the Australian Alps, near the snow line. Timber durable and excellent for fuel. Height 200 ft. Oz. \$1.25.

**Resinifera** (Forest Mahogany). A superior timber of large size, prized for its strength and durability. Suitable for tropical climates; likewise, cool climates near the coast. Fine for interior house work. Height 200 ft. Oz. \$1.

**Robusta** (Swamp Mahogany). Thrives best on low grounds, especially near the seacoast. A remarkably healthy, robust variety. Height 100 ft. Oz. 75 cts., lb. \$8.

**Rostrata** (Red Gum). Well known and highly esteemed in this section. The timber is unsurpassed for durability and is used for railroad ties, street pavements, ship-building, etc. Height 100 ft. Oz. 60 cts., lb. \$6.

## EUCALYPTUS TREE SEED, Continued

- Rudis** (Desert Gum). Highly recommended by Prof. A. J. McClatchie, of the Experiment Station of Phoenix, Arizona, as a valuable variety for arid regions, withstanding heat, cold and winds, unsurpassed by any other variety. Height 100 ft. Oz. \$1, lb. \$10.
- Saligna** (Weeping Gum). Very ornamental. Leaves and general habits are like the Babylonian Willow. Good for fuel. Height 75 ft. Oz. \$1.
- Siderophloia** (Dark, or Broad-leaved Ironbark). Wood very hard, light-colored and heavy, of great strength and durability, and is used for railroad ties, spokes, shingles, bridges, jetties, etc. It is stronger than hickory. As fuel, it gives more heat than any other kind. Height 200 ft. Oz. \$1.
- Stuartiana** (Apple-scented Gum). A medium-sized tree with drooping branches. Good for fuel. Height 100 ft. Oz. \$1.
- Sieberiana** (*Virgata*) (Mountain Ash). Wood of excellent quality, strong and elastic, and may be used for all purposes where hickory and ash are at present used. It splits easily and is soft to work. Also a most excellent fuel. Grows on mountain tops and stony ridges, sometimes found in lowlands. Height 150 ft. Oz. \$1, lb. \$12.
- Tericornis** (Gray Gum). Short crop. A very handsome, large-growing variety. Wood durable and useful for shingles, flooring, etc.; also an excellent fuel. After years of close study and observation, Prof. McClatchie states he believes this tree to be superior to *E. rostrata*, as it makes a straighter trunk and is a better grower. Height 200 ft. Oz. 75 cts., lb. \$9.
- Viminalis** (Manna Gum). A hardy, rapid-growing variety, and well suited to exposed situations. Height 300 ft. Oz. 75 cts., lb. \$9.
- N. B.** We are frequently asked to recommend a variety of the Eucalyptus. This we hesitate to do, as there are so many things to be taken into consideration, as climate, situation, soil, etc., but to give a general idea of their adaptability, we might mention a few varieties that have particular merit: The *E. rostrata*, *E. tereticornis* (which, by the way, are practically the same, being but a slight botanical difference), *E. corynocalyx*, *E. Rudis* and *E. Polyantha* being all very valuable and at the head of the list of our interior valleys, where heat, cold and dry winds are to be considered, and the timber of each being valuable, especially of the three first-named varieties. In such locations they will probably have to be reared under irrigation. Along the coast and in moist locations the list of available varieties is almost unlimited, and to a great extent will need no irrigation after established. The great variety of purposes the Eucalyptus family can be put to is unequalled, we believe, by any other species of trees. The subject is inexhaustible; for every purpose of utility that

other timber is put to, the Eucalypt—some variety—is available, and its rapid growth and hardness in semi-tropic climates renders it the most valuable species of timber tree on the globe.



EUCALYPTUS ROBUSTA (See page 53)

## CONIFER AND MISCELLANEOUS EVERGREEN TREE AND SHRUB SEEDS

- All seeds quoted at less than 50 cts. per oz. we will supply at 10 cts. per pkt.; those quoted at 50 cts. and upwards, at 15 cts. per pkt.
- BUXUS sempervirens** (Evergreen Box). A hardy compact-growing Evergreen of dwarf habit. Height 8 ft. Oz. 20 cts., lb. \$2.
- CAMPHORA officinalis** (Camphor Tree). From the tree the gum camphor of commerce is extracted. Height 50 ft. Oz. 25 cts., lb. \$2.50.
- CEDRUS deodara** (Himalayan Cedar). A noble and beautiful evergreen of pyramidal form; foliage bluish green, graceful and drooping. Height 100 ft. Oz. 50 cts., lb. \$5.
- Libani** (Cedar of Lebanon). A most beautiful evergreen for lawn decoration. Height 80 ft. Oz. 50 cts., lb. \$5.
- CORONILLA GLAUCA**. Clusters of canary yellow flowers. Fine for hedges. Per pkt. 15c, per oz. 75c.
- CRYPTOMERIA elegans** (Fine-leaved Japan Cedar). Foliage glaucous green, resembling a feathery Araucaria, which in winter turns to reddish brown. Height 50 ft. Oz. 50 cts.
- Cryptomeria Japonica** (Japan Cedar). A splendid conifer for isolated situations on lawns. Height 75 ft. Oz. 30 cts., lb. \$3.
- CUNNINGHAMIA Sinensis**. A lofty evergreen tree, resembling the Araucaria excelsa in foliage, but more feathery and less rigid. Height 100 ft. Oz. \$2.50.
- CUPRESSUS Goveniana** (Goven's Dwarf Cypress). A native variety from the coast range around Santa Cruz. Very ornamental. Height 30 ft. Oz. 40 cts., lb. \$4.
- Guadalupensis** (Blue Cypress). A rapid-growing, upright variety, with bluish foliage. Very ornamental for lawns and cemeteries. Height 50 ft. Oz. 50 cts., lb. \$5.
- Macrocarpa** (Monterey Cypress). Too well known to need description. Useful for hedges, wind-breaks, etc. Height 50 ft. Oz. 10 cts., lb. \$1.

**CONIFER AND MISCELLANEOUS EVERGREEN TREE AND SHRUB SEEDS, Continued**

- Cupressus Lawsoniana** (Lawson's Cypress). A native variety found in northern California and Oregon. Wood white, fragrant and close-grained. Generally known as Oregon or White Cedar. Height 100 ft. Oz. 40 cts., lb. \$4.
- Sempervirens** (Italian Cypress). A European variety, very long-lived, the wood of which is almost imperishable. Height 70 ft. Oz. 30 cts., lb. \$3.
- JACARANDA mimosaeifolia** (Brazilian Jacaranda). A handsome tree with fern-like foliage, and magnificent clusters of light blue flowers. Hardy in this vicinity. Height 30 ft. In pods containing from 30 to 40 seeds. Pod 5 cts.
- JUNIPERUS Virginiana** (Red Cedar). A well-known American tree. Height 50 ft. Oz. 25 cts., lb. \$2.50.
- HAKEA saligna**. A splendid ornamental evergreen shrub-like tree, growing some 12 to 20 feet high, with a broad, dense growth. Having the appearance somewhat of a sheared Juniper, but of a very bushy habit; of very light green color. Pkt. 25 cts.
- LIBOCEDRUS decurrens** (California Red Cedar). A very handsome tree, native to the coast range from San Diego to Oregon. Some fine specimens may be seen in Santa Barbara. Height 100 ft. Oz. 40 cts., lb. \$4.
- LIGUSTRUM Japonicum** (Japan Privet). One of the best hedge plants. Height 12 ft. Oz. 15 cts., lb. \$1.50.
- MAGNOLIA grandiflora** (Large-flowering Magnolia). A native of the southern states where its presence indicates good soil. Height 100 ft. Oz. 35 cts., lb. \$3.50. (Seed furnished only during the fall and winter).
- PINUS Canariensis** (Canary Island Pine). Very robust and healthy, with bright green foliage. Grows nearly as fast as the Monterey Pine. Height 100 ft. Oz. 35 cts., lb. \$3.50.
- Coulteri (Macrocarpa; Big Cone Pine)**. A fine native tree, of very robust growth, with bluish gray leaves a foot in length. Has the largest cone of all pines, sugar-loaf shaped and edible. Height 100 ft. Oz. 40 cts., lb. \$4.
- Lamberiana** (Sugar Pine). One of our largest native pines, forming a beautiful tree with light brown bark. Height 150 ft. Oz. 35 cts., lb. \$3.50.
- Insignis** (Monterey Pine). This well-known native variety is of very rapid growth, and succeeds well in any kind of soil. Height 100 ft. Oz. 35 cts., lb. \$3.50.
- Maritima** (Seaside Pine). Well adapted for planting near the sea. Height 60 ft. Oz. 15 cts., lb. \$1.50.
- Parryana** (Mexican Piñon). A small-growing pine, native of Lower California mountains, growing on the desert side of the range, withstanding considerable drought; a very attractive, fine Pine. Oz. 50 cts., lb. \$5.
- Ponderosa** (Yellow Pine). A native variety found in the coast range at a high altitude. An immense tree, specimens having been found 300 feet high and 15 feet in diameter. The bark is very thick and of red-brown color. Height 250 ft. Oz. 35 cts., lb. \$3.
- Strobus** (Weymouth or White Pine). A stately, straight and valuable tree. Height 100 ft. Oz. 40 cts., lb. \$4.
- Pinus Sabiniana** (Gray-leaved Pine). Found in the hot interior foothills of Southern California; low-branching habit, light gray, glaucous foliage; seeds edible and are highly esteemed by the Indians and even the whites, and are known to the natives as Piñons or Digger Pine. Oz. 30 cts., lb. \$3.
- Torreyana**. One of the most beautiful of our native Pines. A fine specimen may be seen in cultivation in the Hotel Green grounds at Pasadena. Height 50 ft. Oz. 40 cts., lb. \$4.
- POLYGALA grandiflora**. A very desirable flowering shrub. Very free-blooming and ornamental. Pkt. 25 cts.
- PARKINSONIA Aculeata**. A tree that should receive more attention. A wonderful sight when in bloom and a grand lawn subject any time in the year; will grow without water on our driest hills and dales. Native trees. Pkt. 25 cts.
- SCHINUS Molle** (Mexican Pepper Tree.) A well-known handsome shade tree, with light feathery foliage and bright scarlet berries. Height 50 ft. Oz. 10 cts., lb. \$1.
- SCIADOPITYS verticillata** (Japan Umbrella Pine). Curious and remarkable. Leaves are a dark glossy green, crowded into whorls at the joints of horizontal branches. Very ornamental. Height 60 ft. Oz. 75 cts., lb. \$7.50.
- SOLANUM erectum** (S. Betaceum; Guatamala Tree Tomato). A handsome evergreen of good form, and bearing yellow fruit the size of an egg, with a pleasant subacid flavor. Height 8 ft. Pkt. 25 cts., oz. \$3.
- SEQUOIA gigantea** (California Big Tree). The biggest of all trees, and probably the longest-lived. Specimens are often found 400 feet high. Height 300 ft. Oz. 75 cts., lb. \$7.50.
- Sempervirens** (California Redwood). Well known. Wood reddish, soft, close veined, easily split, light and brittle, but very durable. It luxuriates in the cool dampness of sea fogs. Ornamental for lawns or parks. Height 200 ft. Oz. 50 cts., lb. \$5.
- STERCULIA plantanifolia** (China Parasol Tree). Very ornamental, with large, plane-like leaves. This makes an excellent tree for avenue or park planting. Height 40 ft. Oz. 30 cts., lb. \$3.
- THUJA aurea** (Golden Arborvitae). A dwarf Chinese variety, compact and globular in shape; top foliage yellowish green; suitable for lawns, cemeteries, etc. Height 10 ft. Oz. 30 cts., lb. \$3.
- Aurea semper-aurea** (Ever Golden Arborvitae). Dwarf habit and free growth. Retains its golden color the year round. One of the prettiest dwarf evergreens. Height 8 ft. Oz. 40 cts., lb. \$4.
- Compacta** (Compact Arborvitae). Handsome dwarf variety, compact, globular form. Height 5 ft. Oz. 35 cts., lb. \$3.50.
- Occidentalis** (American Arborvitae or White Cedar). A common and well-known tree, native of the Atlantic states. Height 50 ft. Oz. 30 cts., lb. \$3.
- Orientalis** (Chinese Arborvitae). A small, elegant tree, peculiar from its flattened branches, which are dense and light green in color. Valuable for planting on lawns. Height 10 ft. Oz. 25 cts., lb. \$2.50.
- VIBURNUM Tinus** (Laurustinus). One of the finest winter flowering shrubs, blooming abundantly during the winter. Also a valuable hedge plant. Height 8 ft. Oz. 15 cts., lb. \$1.50.

## DECIDUOUS TREE AND SHRUB SEEDS

All those varieties quoted at less than 50 cts. per oz. we supply at 10 cts. per pkt. All those quoted at 50 cts. and upwards we supply at 15 cts. per pkt.

- CALYCANTHUS floridus** (Carolina Allspice). Remarkable for the scent of its flowers, which resembles that of the ripe fruit. Will grow in almost any soil. Flowers brown. Height 4 ft. Oz. 20 cts., lb. \$2.
- CAPPARIS spinosa** (Caper Tree). A flowering shrub with handsome bluish color flowers. The undeveloped flower-buds are the true capers of commerce. Height 3 ft. Pkt. 10 cts.
- CATALPA speciosa** (Indian Bean Tree). A rapid-growing tree, good for timber claims. Flowers white and purple. Height 50 ft. Oz. 15 cts., lb. \$1.50.
- CERATONIA Siliqua** (St. John's Bread). The Carob or Locust Tree of Scripture, with yellow flowers and edible saccharine pods, which are very fattening. Height 30 ft. Oz. 15 cts., lb. \$1.50.
- FRAXINUS velutina** (Arizona Ash). A variety largely used through the arid West as a shade and street tree, large quantities being planted in Arizona and New Mexico as street trees, which make remarkably quick growth and stand the heat and dryness well. Oz. 35 cts.
- GLEDITSCHIA triacanthos** (Three-thorned or Honey Locust). Hardy and of rapid growth. Will form an impenetrable hedge. Seeds should be soaked in boiling water before sowing. Height 60 ft. Oz. 10 cts., lb. 60 cts.
- MACLURA aurantiaca** (Osage Orange). A well-known hedge plant. Height 40 ft. Oz. 10 cts., lb. \$1.
- MELIA Azederach speciosa** (True Texas Umbrella Tree). Of very rapid growth, with long, pinnate leaves and wood of a reddish color, resembling the ash; durable and makes excellent fuel. Thrives in dry soils. Valuable for avenue planting. Height 40 ft. Oz. 10 cts., lb. 75 cts.
- PAULOWNIA imperialis** (Empress Tree). Very rapid-growing when young. It afterwards forms a broad flat head. Flowers violet, trumpet-shaped and fragrant. Height 30 ft. Oz. 30 cts., lb. \$3.
- PRUNUS serotina** (Wild Black Cherry). A fine ornamental tree having the general appearance of our wild plum of California. Very hardy and a fine lawn subject. Oz. 20 cts., lb. \$2.
- ROBINIA Pseudacacia** (Yellow or Black Locust). Well known in this section; valuable for fuel and timber. One of the best trees with which to plant timber claims. Height 60 ft. Oz. 10 cts., lb. 75 cts.
- SYRINGA vulgaris** (Purple Lilac). The common variety. One of the best; flowers and young foliage fragrant. Height 15 ft. Oz. 25 cts., lb. \$2.50.
- Vulgaris alba** (White Lilac). One of the best white varieties. Height 15 ft. Oz. 25 cts., lb. \$2.50.
- VIBURNUM Opulus** (Snowball, or Guelder Rose). An interesting shrub, with compact heads of snowy white flowers. Height 15 ft. Oz. 20 cts., lb. \$2.



PHOENIX CANARIENSIS

# Palm and Other Decorative Plant Seeds

As many of the seeds of this class of plants are not reliable unless fresh, and as the varieties do not reach us very regularly from the collectors, we trust our customers will not feel disappointed if they do not receive all of the varieties they may order. We promise, however, to book such varieties as we cannot supply and forward them promptly upon arrival. As it is impossible to test the vitality or genuineness of this class of seed, we cannot hold ourselves in any way responsible for the results of crop. As many varieties of Palms take a long time to germinate, we advise patience and careful attention to attain successful results.

## PALM SEEDS

Palms are among the finest and handsomest of all plants. In a young state they do not show their distinctive characters.



ARECA LUTESCENS

**ERYTHEA armata** (*Brahea glauca*; Blue Palm). One of the most elegant Fan Palms, from the islands of Lower California. Leaves glaucous blue. Hardy. 10 seeds 25 cts., 100 seeds \$2.

**Edulis** (*Brahea edulis*). A rapid-growing variety from the Guadalupe Islands. Fan-shaped leaves, bright green. Hardy. 10 seeds 15 cts., 100 seeds \$1.

**LATANIA Borbonica**. Native of the Isle of Bourbon. Leaves large, fan-shaped, armed edges, and enveloped at the base in a network of brown, fibrous tissues. It is a beautiful lawn plant, and when grown in large tubs or pots, this palm is the one best suited and most largely used for the decoration of hotel verandas; hardy. Oz. 25 cts., lb. \$2.50.

**PHOENIX Canariensis**. An elegant and most hardy variety of the Date Palm, much used around Los Angeles for lawns. Very handsome and durable. 10 seeds 10 cts., 100 seeds 50 cts.

**Dactylifera**. The Date Palm; is an erect, handsome palm. Native of northern Africa and tropical Asia, where the palm attains a height of 80 ft. Lives to a great age, and yields the date fruit of commerce; hardy. Oz. 20 cts., lb. \$1.50.

**Reclinata**. A very fine, large-growing species; leaves pinnate. Largely used in Nice, Cannes, and in the south of France for avenues; also the best for that purpose here, as it will stand severe frosts. A native of



PHOENIX CANARIENSIS

**ARECA**. A genus of elegant pinnate-leaved Palms, which are widely distributed over the earth, some of the species being found in the East Indies, while others occur in the West; they exist also in the Island of Mauritius and its dependencies, in the Island of Madagascar, in New Zealand and in Australia.

**Bauerii** (*Seaforthia robusta*). Not very hardy in this climate, except under glass. A native of Norfolk Island. 10 seeds 25 cts., 100 seeds \$2.

**Lutescens**. An extremely beautiful plant with arching pinnate leaves; will not stand frost. A native of the Mascareen Islands. 10 seeds 25 cts., 100 seeds \$2.

**CHAMAEROPS**. The various species of Chamaerops are found scattered through southern Asia, northern Africa, semi-tropical North America and the South of Europe. Leaves fan-shaped; fruit a one-seeded berry.

**Canariensis**. A handsome palm worthy of cultivation, either for lawn or for pot culture. 10 seeds 15 cts., 100 seeds \$1.

**Excelsa** (Hardy Fan Palm). This palm grows to the height of from 20 to 30 ft.; leaves fan-shaped; trunk enclosed by a dense mass of rough fibers. Native of the East Indies. Oz. 15 cts., lb. \$1.50.

**Humilis** (Dwarf Fan Palm). An extremely handsome plant. Very fine and well worthy of cultivation. Native of southern Europe. Oz. 20 cts., lb. \$2.

**CORYPHA australis** (*Livistona australis*). A stately Fan Palm with slender trunk, from East Australia. Hardy in southern California; several fine specimens may be seen in Los Angeles. 10 seeds 20 cts., 100 seeds. \$1.50.

**PALM SEEDS, Continued**

**PHOENIX, Continued.** the Cape of Good Hope; hardy. 10 seeds 15 cts., 100 seeds \$1.  
**Rupicola.** This is one of the most exquisitely graceful palms, and in elegance takes a similar place to that of *Cocos Weddelliana*. It is of acaulescent habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition. Native of East Indies; hardy. 10 seeds 20 cts., 100 seeds \$2.  
**Tennis.** This is a very hardy, elegant and desirable variety of Date Palm, with long, bright sea-green leaves; much used for lawn planting; 10 seeds 15 cts., 100 seeds \$1.  
**SEAFORTHIA elegans.** One of the most ele-

gant of the palm family, and one of the finest subjects in cultivation for the conservatory, greenhouse or subtropical garden. Height 20 ft. Leaves from 2 to 10 feet in length; dark green. It stands quite a low temperature. Native of New South Wales. 10 seeds 15 cts., 100 seeds \$1.  
**WASHINGTONIA filifera.** The well-known California Fan Palm, which also goes under the names of *Pritchardia filamentosa* and *Brahea filamentosa*; very hardy. Oz. 10 cts., lb. \$1.  
**Robusta.** A robust Fan Palm, similar to *W. filifera*, but with smoother and darker green leaves, without threads. Oz. 25 cts., lb. \$2.50.

**SEEDS OF DECORATIVE PLANTS**

**AGAVE.** Six fine varieties, viz., *Americana fol. var. Densiflora*, *Deserti*, *Heteracantha*, *Univittata* and *Verchaffelti*. Each, pkt. 15 cts. The collection of six varieties for 75 cts.  
**DRACAENA australis** (Cordylina). A palm-like tree growing to a considerable height; the stem is stout; leaves from 2 to 3 feet in length, oblong, lanceolate and bright green; splendid for avenues. Native of New Zealand. Pkt. 15 cts., oz. 75 cts.  
**Draco.** Yields the dragon's blood resin of commerce. The stem of this species is stout at the base; leaves closely set, 18 inches in length and 2 broad; thick, fleshy dark green, and ending in a long, thin unarmed point. A native of the Canary Islands; hardy. 10 seeds 10 cts., 100 seeds 50 cts., 1,000 seeds \$4.  
**Indivisa** (Cordylina *indivisa*). Sometimes called *Dracaena stricta*. A most graceful palm-like tree, suitable for decoration either in or out-of-doors. Fine for avenues. Native of New Zealand. Oz. 35 cts., lb. \$3.50.  
**MUSA casete** (Abyssinian Banana). Native of the mountain regions of Abyssinia. This magnificent plant attains a height of 30

feet, the leaves occasionally reaching a size of 20 feet in length by 3 in breadth. This plant produces no suckers and requires several years to come into flower and seed; it then dies off like the Sago Palm, the Caryota Palm, and others which flower but once without reproduction from the root. 10 seeds 15 cts., 100 seeds \$1.  
**PHORMIUM tenax** (New Zealand Flax). Ornamental and useful; the leaves may be shredded while green into a fiber that may be used for tying purposes. Pkt. 10 cts., oz. 50 cts.  
**Tenax variegata.** A variegated variety of the above. Very ornamental. 10 seeds 10 cts., 100 seeds 50 cts.  
**YUCCA.** Six fine varieties, viz., *Aloefolia fol. var.*, *Angustifolia*, *Filamentosa* *Quadricolor*, *Tricolor* and *Whipplei*. Each, pkt. 15 cts., the collection of six varieties for 75 cts.  
**Quadricolor.** A large and magnificent kind. The upper surface creamy yellow, in the center tinged with crimson and orange-yellow, and broadly bordered with dark shiny green. A native of Mexico; hardy. 100 seeds 25 cts., 1,000 seeds \$2.

**FRUIT TREES**

**CULTURAL DIRECTIONS**

**APPLE, PEAR and QUINCE.** The seeds of these varieties may be planted any time during the winter or early spring. Soak the seeds in tepid water for three days and change the water each day, or soak in cold water for eight or nine days, then sow lightly in drills 2 feet apart.  
**CHERRY, PLUM, PEACH, ALMOND, etc.** The cultural directions given for the walnut, so far as germinating the seed is concerned, may be followed. Should the quantity be small, however, the pits may be placed in layers in boxes placed on the ground in a sunny exposure. Sprinkle over each layer a coating of sand. Layers may be four to six deep. Keep constantly moist but not soaking. As the young plants appear above ground, they should be carefully removed and planted in nursery rows 3 feet apart. A cloudy day is most suitable for this work.  
**WALNUT.** The culture of the walnut is the same as for stone fruits. The seed may be planted in beds, during the winter or spring, covering about 1 inch deep, and kept moist, but not until they germinate, which will be in about three or four weeks, according to the temperature. As soon as they crack and show the sprout they should be transplanted to the nursery rows, 4½ to 5 feet apart and 6 inches apart in the row. They will grow the first year, without irrigation, 6 to 12 inches, and, with irrigation, 8 inches to 4 feet; the second year, from 4 to 8 feet, with irrigation. If ordered by mail, 10 cts. per pound additional will be charged to cover postage. Prices subject to fluctuation. Quotations for large quantities will be given on application.  
**ALMOND, Hard-shelled** (*Prunus amygdalus communis*). Lb. 25 cts., 100 lbs., market price.  
**APPLE** (*Pyrus Malus*). Useful as a grafting stock. Oz. 10 cts., lb. 60 cts.  
**APPLE, French Crab.** A superior stock. Oz. 10 cts., lb. \$1.

**APRICOT** (*Prunus Armeniaca*). Price on application.  
**CHERRY, Mazzard** (*Cerasus communis*). A hardy stock. Oz. 10 cts., lb. 75 cts.  
**LOQUAT** (*Eriobotrya Japonica*). Seed supplied in season. Procurable only in spring. Oz. 10 cts., lb. 40 cts.  
**PEACH** (*Prunus amygdalus Persica*). From budded stock. Price on application.  
**PEACH SEEDLING** (*Prunus amygdalus Persica*). Price on application.  
**PEAR** (*Pyrus communis*). Used as a stock. Oz. 20 cts., lb. \$2.  
**PLUM, Myroblan** (*Prunus communis*). A splendid stock on which to graft other varieties. Oz. 10 cts., lb. 50 cts.  
**QUINCE** (*Cydonia communis*). Quinces generally produce the same variety from seed, but occasionally vary. The stock is much used for budding and grafting the pear. Oz. 25 cts., lb. \$2.50.  
**WALNUT, Soft-shelled** (*Juglans regia*). A superior variety. Lb. 20 cts., 100 lbs., on application.  
**FRESH ORANGE SEED.** Taken from ripe fruit, thoroughly washed and cleansed from pulp. One pound contains about 1,500 seeds. Lb. 75 cts. Only during spring months.

**SMALL FRUIT TREES**

**CURRENT, Black.** Pkt. 10 cts., oz. 50 cts.  
**Red.** Pkt. 10 cts., oz. 40 cts.  
**Large Mixed.** Pkt. 10 cts., oz. 40 cts.  
**GOOSEBERRY, Large English Mixed.** Pkt. 10 cts., oz. 75 cts.  
**GUAVA, Strawberry** (*Psidium cattleyanum*). Sow in boxes and transplant when 2 inches high to pots. Pkt. 10 cts., oz. 30 cts., lb. \$3.  
**RASPBERRY, Finest Sorts Mixed.** Pkt. 10 cts., oz. 40 cts.  
**STRAWBERRY, Large Mixed.** Pkt. 10 cts., oz. 75 cts.  
**Red Alpine.** This is the European wild strawberry. Pkt. 10 cts., oz. 75 cts.



# Nursery Department

Prices subject to change

## GENERAL SUGGESTIONS

**OUR NURSERY STOCK** is strictly first class in every particular and free from disease and insect pests. An inspector's certificate to that effect accompanies all shipments.

Orders should be sent as early as possible, as it is our rule to fill them in the order received. Prices quoted are net and do not include postage or transportation.

All plants will be sent by express at the purchaser's expense unless otherwise ordered. Packages not exceeding four pounds may be sent by mail. When express charges are prepaid there is a special rate of eight cents per pound to any part of the United States. It is advisable, therefore, when ordering plants, to send enough money to cover mail or express charges. No plants sent C. O. D.

Our nursery stock is all grown by experienced men, and every care and precaution is exercised to have everything true to name; still, with all our caution, mistakes are liable to happen, therefore we give no warranty, expressed or implied, as to the productiveness, description, quality or any other matter, and will not be in any way responsible for the crops. If the purchaser does not accept the goods on these terms, they must be at once returned.

## PALMS



KENTIA BELMOREANA

**CHAMAEROPS excelsa** (Hardy Fan Palm). Commonly known as Japanese Fan Palm; very beautiful and especially attractive for its odd, hairy trunk. In 5-in. pots, 50 cts.; larger plants, according to size, up to \$15 each.

**COCOS Australis** (Brazilian Palm). This Palm has no rivals, being one of rare beauty and very ornamental; long, graceful leaves of bluish green color; a pride to any garden. \$1 to \$35 each.

**Plumoso.** In 6-in. pots, \$5 each.

**CORYPHA Australis** (Livistona Australis). In 6-in. pots, 1½ to 2 ft. high, \$1 to \$2; larger plants, balled, \$2.50 to \$5 each.

**CYCAS revoluta** (Sago Palm). Any good garden soil will suit it. Pots should be well drained and water applied sparingly during the winter. \$1.50 to \$20 each.

**ERYTHEA armata** (Brahea glauca; the Blue Palm). In tubs, \$2.50 to \$5 each.

**Edulis.** One of the finest Fan Palms grown. In 3-in. pots, 1 to 1½ ft. high, without characteristic leaf, 25 cts.; larger plants, 50 cts. to \$5 each.

**KENTIA Belmoreana.** Very graceful; thrives well in pots, and one of the best Palms for

house culture. In 4-in. pots, 1 to 1½ ft. high, \$1; in 6-in. pots, 2 ft. high, \$1.50 to \$2; stronger plants, 3 ft. high, \$2.50 to \$3; large specimen plants, \$5 to \$25 each.

**Forsteriana.** Similar to the above and of equal value as a house plant. Prices the same.

**LATANIA Borbonica** (Chinese Fan Palm). In 3-in. pots, 75 cts.; 4-in. pots, \$1; large plants, \$1.50 to \$7.50.

**PHOENIX Canariensis.** One of the most beautiful Palms for planting on lawns and in parks. Small plants in 3-in. pots to large plants in tubs, 12 ft. high, from 25 cts. to \$25 each.

**Dactylifera.** According to size, 35 cts. to \$3. **Reclinata.** In 8-in. pots, \$1.25; large plants in tubs, \$2.50 each.

**RHAPIS flabelliformis.** Valuable for house decoration. In 6-in. pots, \$1.50; 7-in. pots, \$2.50; 10-in. pots, \$5 each.

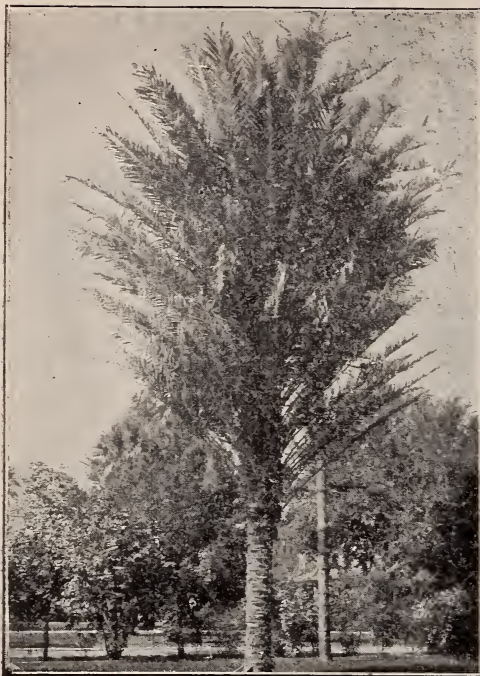
**SEAFORTHIA elegans.** In 4-in. pots, 35 cts.; 6-in. pots, \$1 to \$1.50; a few specimen plants, \$5 to \$7 each.

**WASHINGTONIA filifera** (California Fan Palm). In 4-in. pots, 25 cts.; 6-in. pots, 50 cts.; in cans and boxes, 75 cts. to \$1.50 each.

**Robusta.** The most ornamental Palm for street and group planting; exceptionally adapted to our warm, southern climate. In 4-in. pots, 25 cts.; 6-in. pots, 50 cts. to 75 cts.; in cans and boxes, 75 cts. to \$2.50 each.



COCOS AUSTRALIS



PHOENIX DACTYLIFERA

**AGAVES, YUCCAS, Etc.**

- AGAVE Americana.** The well-known so-called Century Plant. Plain glaucous-green leaves. 25 cts. to \$5.00 each.
- Variegata.** Same as above, with white or light-colored stripe through the leaf. 25 cts. to \$5.00 each.
- Decipiens.** A dwarf variety with dark, olive-green leaves. 50 cts. to \$1 each.
- DASYLIRION gracile.** An admirable plant for subtropical gardening or indoor decoration. 50 cts. to 75 cts.
- Glaucophyllum.** Very decorative. Large plants in tubs, \$7.50 each.
- PANDANUS Veitchii.** The leaves are light green, beautifully and gracefully curved. 75 cts. to \$2.50 each.
- YUCCA Glauca pendula.** A very decorative variety. 75 cts. to \$2 each.

**DRACAENA**

- Braziliensis.** A sturdy, quick-growing Dracaena, with broad, green leaves, and stout stem and leaf-stalks. As a decorative plant it has few superiors. A fine house plant. 75 cts. to \$1 each.
- Carmonalis.** A very slender-stemmed, ornamental variety, with very glossy, lily-like foliage, and one of the very few that sucker up from the stem close to the ground. Nice plants, \$1 to \$1.50 each.
- Australis.** A palm-like tree growing to a considerable height, stem stout; leaves 2 to 3 feet in length. Fine for avenues. 35 cts. to \$3 each.

**Indivisa.** Narrower, longer leaves than preceding. Fine for hall or porch decoration. In 5-in. pots, 35 cts. to 50 cts.; balled, \$1 to \$3.50 each.

**Terminalis.** A splendid plant for house and window decoration, with bright, tropical-looking foliage of rich, crimson color; beautifully marked with white and pink in well-developed plants. 25 cts. to \$1 each.



WASHINGTONIA ROBUSTA (See page 61)

**DECORATIVE PLANTS**

- ASPIDISTRA lurida.** Native of China, remarkable for producing its flowers under the surface of the earth. The leaves of this variety are long, broad, shining dark green. A splendid house plant. 35 cts. to \$3.
- Elatior variegata.** The foliage of this variety—green with broad stripes of white—

contrasts finely with ornamental-foliaged plants. 50 cts. to \$2.

**ANTHERICUM vitatum variegatum.** Elegant house plant has foliage of a bright grassy green color, beautifully striped and margined with creamy white. 25 cts. to 75 cts.

**ASPARAGUS Sprengeri.** This is one of the most distinct of all the indoor species of Asparagus. Splendid for hanging baskets. Wire baskets, \$1 to \$2; in pots, 25 cts. to 50 cts. each.

**Plumosus.** A beautiful climbing plant with dark green, graceful foliage, surpassing Maidenhair fern in grace, delicacy of texture and richness of color. Commonly called Asparagus Fern. 25 cts. to \$1.50.



CYCLAMEN GIGANTEUM

## CYCLAMEN GIGANTEUM

One of the finest plants for house and greenhouse culture; not only are the flowers beautiful, but the foliage is very grand, making the plant very ornamental for winter and spring flowering; thrives well in pots; assorted colors, 50 cts. each.

## BEDDING PLANTS

**AGAPANTHUS umbellatus** (Blue African Lily). Throws up flower-stalks 2 or 3 feet high, crowned with immense umbels of from 30 to 100 exquisite long tubed, lily-like flowers of a lovely sky-blue color. 50 cts. each.

**AGERATUM, Princess Pauline.** Light blue. 75 cts. per doz.

**ALTERNANTHERA.** Red and yellow. Excellent for borders and park designs. 25 cts per doz., \$1.50 per 100.

**COLUMBINE.** A very showy bedding plant, growing about 1½ ft. high, blooming freely during spring and through early summer; fine for cutting and bouquet work; foliage is also very showy, even when there are no flowers. We have a fine stock, in 3- and 4-in. pots, 20 cts. each, \$1 for 6.

**COREOPSIS lanceolata.** A very nice yellow-flowered plant, blooming all summer. 20 cts. each, \$6 per 100.

**DAISY.** Assorted colors. In flats of 100; \$2 per flat.

**DELPHINIUM cardinale** (Scarlet Larkspur). In pots, 50 cts. each.

**DIANTHUS Chinensis** (China Pink). All colors. 75 cts. per doz.; in flats of 100, \$2.50 each.

## VIOLETS

Strong pot-grown plants, 50 cts. per doz.; by mail, 25 cts. per doz. extra.

**California.** A grand single Violet now grown in great quantities all over the country for cut-flower purposes; flowers very large and fragrant, stems often a foot long.

**Princess of Wales.** A magnificent new single, the largest Violet in cultivation. The flowers open out flat, similar to a pansy, and are deliciously fragrant and extra long-stemmed. This sterling novelty originated with Millet, the celebrated French Violet specialist, about six years ago; it is regarded as one of the finest of his productions. The most productive long-stemmed variety.

**Swanley White.** Color, white; very fragrant.

## GERANIUM

**GERANIUM, General Grant.** A strong grower, very large truss. Single, bright scarlet. A continuous bloomer the year round unless killed by frost. One of the best. 10 cts. each, \$1 per dozen.

**Snowdrop.** A pure white single geranium; flowers round, short-jointed and dwarf. The finest of the whites. 10 cts. each, \$1 per doz.

**Gertrude Pearson.** Bright rosy pink, with white eye. Single. Splendid for bedding or pot culture. 10 cts. each, \$1 per dozen.

**Jean Viard.** Double rosy pink with white center. A constant and prolific bloomer; splendid for bedding. 10 cts each, \$1 per doz.

**La Pilot.** Double orange scarlet of great intensity of color; extra large trusses of bloom; excellent for bedding. 10 cts each, \$1 per dozen.

**GERANIUM (Ivy-leaved), Charles Turner.** Bright pink, the best of its color. Probably no Geranium grown here is so universally used in bedding or on walks as this variety. All the standard sorts. 65 cts. to \$1 per doz.

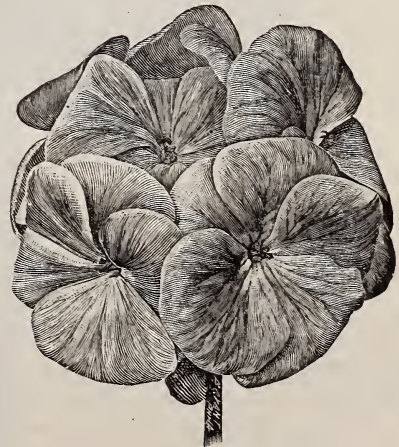
**PANSY.** The finest strains; all colors. 25 cts. per doz., \$2 per 100.

**PETUNIA.** Large, single-fringed, Giants of California, and double-fringed, in finest assorted colors. 15 cts. each, \$1.50 per doz.

**PHLOX Drummondii.** Mixed colors; useful for bedding. 50 cts. per doz., \$2 per 100.

**Perennial.** Good for summer blooming. 20 cts. each, \$2 per doz.

**PELARGONIUMS** (Lady Washington Geraniums). The most beautiful of our summer and fall flowering plants. They produce beautiful trusses of flowers of various colors and are of easy culture. Mixed, all the leading varieties, each 25 cts.



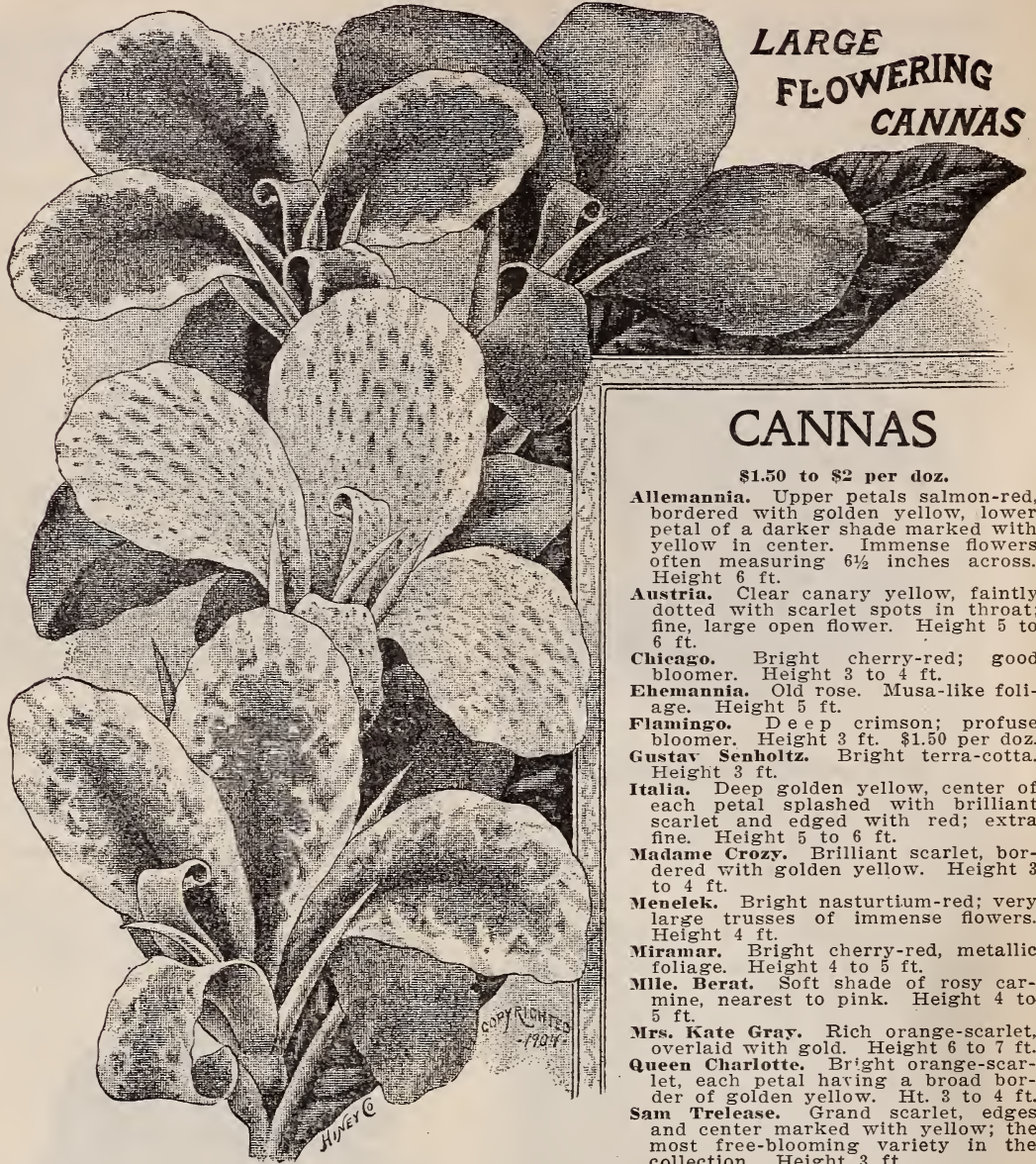
GERANIUM

## CALLA AETHIOPICA

The White Calla

According to size, 10 cts., 25 cts. and 50 cts. each.

## LARGE FLOWERING CANNAS



## CANNAS

\$1.50 to \$2 per doz.

- Allemania.** Upper petals salmon-red, bordered with golden yellow, lower petal of a darker shade marked with yellow in center. Immense flowers often measuring 6½ inches across. Height 6 ft.
- Austria.** Clear canary yellow, faintly dotted with scarlet spots in throat; fine, large open flower. Height 5 to 6 ft.
- Chicago.** Bright cherry-red; good bloomer. Height 3 to 4 ft.
- Ehemannia.** Old rose. Musa-like foliage. Height 5 ft.
- Flamingo.** Deep crimson; profuse bloomer. Height 3 ft. \$1.50 per doz.
- Gustav Senholtz.** Bright terra-cotta. Height 3 ft.
- Italia.** Deep golden yellow, center of each petal splashed with brilliant scarlet and edged with red; extra fine. Height 5 to 6 ft.
- Madame Crozy.** Brilliant scarlet, bordered with golden yellow. Height 3 to 4 ft.
- Menelek.** Bright nasturtium-red; very large trusses of immense flowers. Height 4 ft.
- Miramar.** Bright cherry-red, metallic foliage. Height 4 to 5 ft.
- Mlle. Berat.** Soft shade of rosy carmine, nearest to pink. Height 4 to 5 ft.
- Mrs. Kate Gray.** Rich orange-scarlet, overlaid with gold. Height 6 to 7 ft.
- Queen Charlotte.** Bright orange-scarlet, each petal having a broad border of golden yellow. Ht. 3 to 4 ft.
- Sam Trelease.** Grand scarlet, edges and center marked with yellow; the most free-blooming variety in the collection. Height 3 ft.

## CARNATIONS

From 3-in. pots, 75 cts. per doz. By mail, 25 cts. per doz. extra.

- Allegria.** The very best bright scarlet variety; a strong grower, long stems and very thrifty.
- Jas. Corbett.** A splendid, strong-growing variety, producing great quantities of large, handsome flowers; color salmon-pink.
- Dr. Choate.** This beautiful, light scarlet variety should be in every garden; one of the best for general purposes; very fragrant.
- Enchantress.** The grandest of all Carnations; the flowers are the largest and borne on long stems; color a beautiful shade of light pink.
- Harlowarden.** The best bright crimson; excellent flowers, and produced in great abundance.

**Los Angeles.** Most beautiful pure white Carnation; plants bushy and compact; a strong grower, producing great quantities of fragrant flowers on long stems.

**Mrs. Patten.** One of the best variegated sorts; color white and pink.

**Mrs. Thos. Lawson.** This popular Carnation is well known for its large, beautiful flowers, of a rich pink shade, borne on long, stiff stems; a strong grower and one of the best.

**Prosperity.** Another one of the giant-flowered sorts, being very full and fragrant; color white blotched with pink.

**Roosevelt.** A rich, velvety crimson variety, producing a great abundance of very large flowers, delightfully scented; a leading variety.

# CHRYSANTHEMUMS

Chrysanthemum plants ready for delivery in March, April, May and June.

15 cts. each, \$1.50 per doz. By mail, 25 cts. per doz. extra.

**Autumn Glory.** Deep reddish salmon, changing to soft shrimp.

**A. J. Balfour.** A fine variety of the Japanese type, flowers very large; color bright rose.

**Bentley.** A very large, perfectly double sort, handsome reflexing petals; color of carmine-pink.

**Black Hawk.** Largest and most beautiful dark crimson-scarlet.

**Colonel Appleton.** Golden yellow.

**Cullingfordii.** A rich crimson-maroon.

**Durban's Pride.** Rich lavender-pink color, with long, incurving and curling petals.

**Dr. Englehardt.** Exquisite shade of flesh-pink; very large and symmetrical. This is a new prize Chrysanthemum. 25 cts. each, \$2.50 per doz.

**Fisher's Torch.** Bright, fiery red.

**Frank Hardy.** Superb, pure white variety; with immense, full, deep globular flowers, beautifully incurved.

**Etoile du Nord.** One of the richest golden yellow varieties, long stems bearing enormous flowers; a fine outdoor variety.

**Geo. W. Childs.** Very deep, velvety crimson.

**Golden Wedding.** Of a rich, golden yellow color.

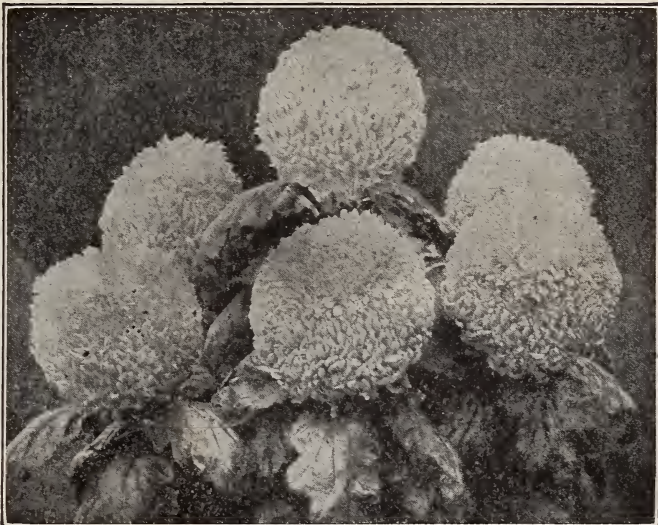
**Good Gracious.** Handsome flowers of a fine pink color.

**Intensity.** A very late-flowering, reflexed, bright crimson variety.

**L'Enfant des Deux Mondes.** Pure white, of large size and fine build; very heavily plumed.

**Lavender Queen.** New color, entirely distinct from any in commerce, soft shade of lavender-pink.

**Malcolm Lamond.** Fine outdoor variety; crimson.



CHRYSANTHEMUMS

**Major Bonnaffon.** Soft, clear yellow, incurved, full in the center.

**Merry Christmas.** Latest whites; large flowers.

**Miss Minnie Wanaamaker.** Creamy white, large, so much incurved as to resemble a white ball.

**Mrs. H. Weeks.** Incurved white, broad petals.

**Mrs. A. J. Drexel.** Large flowering variety; crimson-lake; firm rounded into a half-globe.

**Mrs. Henry Robinson.** Medium-early white, blooming with us Oct. 1.

**Mrs. Perrin.** Medium-sized flower, entirely distinct in color, glistening pink with a fine finish.

**Mutual Friend.** Reflexed, pure white, from 7 to 11 inches in diameter and great depth of flower.

**Nellie Pockett.** Long, drooping, interlaced petals; creamy white.

**Opah.** Fine, early variety, handsome flowers of white, tinged with pink.

**Perey Plumridge.** A foreign variety with charming flowers, petals long, gracefully incurved; yellow.

**President Wm. R. Smith.** A delicate, pure pink, very heavy in substance, on strong, stiff stems.

**R. E. Richardson.** Fine, pink variety, flowers loosely incurved.

**Silver Queen.** One of the very best varieties; beautiful, incurved flowers; color pink.

**Timothy Eaton.** Unquestionably the largest white incurved variety.

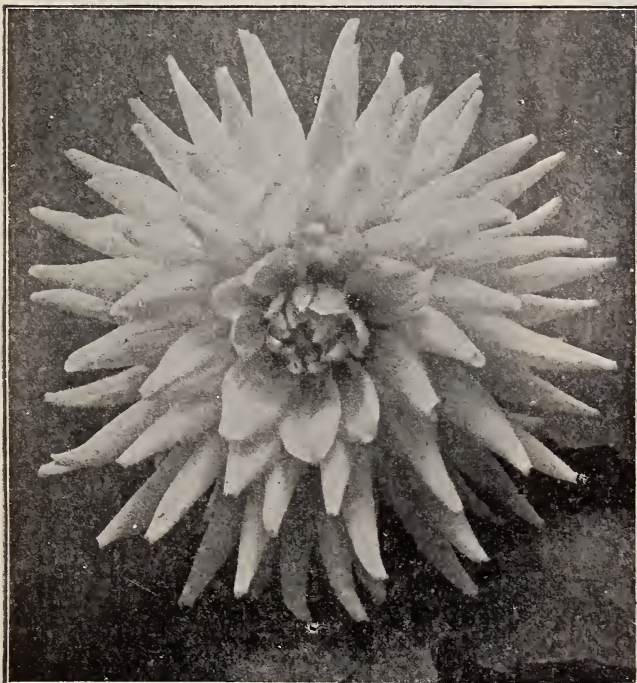
**T. Carrington.** Large flowers, long stems; one of the best; rosy purple.

**Vivand Morel.** Extra-large flowers, petals long, loosely arranged; a beautiful light shade of pink.

**Yellow Prince.** A grand variety, belonging to the Good Gracious and Frank Hardy class; tawny orange.

## DAHLIAS

Few flowers can be grown with so little care and produce such grand results as Dahlias. The new Cactus varieties are now the rival of the chrysanthemum in grace and beauty and are undoubtedly one of the coming flowers. We carry a full line of these plants, a list of which will be furnished upon application. 15 cts. each, \$1.50 per doz.



DAHLIA

# BUSH ROSES

The Rose is so generally known that little need be said regarding its cultivation, all that is needed being a good, deep, rich soil, liberal manuring and careful cultivation. While there are thousands of varieties of Roses grown, we have selected the following as being, in our judgment, the very best varieties known. All of our Roses are field-grown and range in height from 1 to 3 feet.

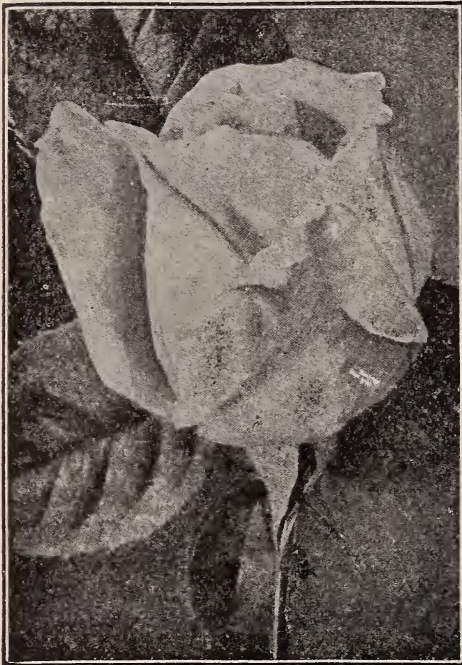
## GERMAIN'S COLLECTION OF SIX HANDSOME NEW ROSES

- Etoile de France.** Bright, crimson, buds very grand, fine in bouquets; 50 cts. each.
- Frau Karl Druschki,** snow white, good bloomer, and very handsome; 50 cts. each.
- General McArthur,** deep scarlet, strong grower, producing magnificent flowers; 50 cts. each.
- Killarney.** The finest pink rose ever produced, fragrant; 50 cts. each.
- Marquis de Querhoent.** A novelty in roses, color copper yellow, very fine; 50 cts. each.
- Richmond.** A grand new hybrid tea rose, strong grower, long stems, choice buds, bright scarlet crimson; 50 cts. each.

One each of the above collection of roses for \$2.50

Roses listed at 25 cts. are \$2.50 per dozen.

Roses listed at 35 cts., \$3.50 per dozen.



ROSE, KAISERIN AUGUSTA VICTORIA

## GENERAL LIST

### BABY RAMBLER

A novelty in Roses; the flowers are similar in character and color to the Crimson Rambler, but the plant is a dwarf, erect-growing bush and a free bloomer. 35 cts. each.

**American Beauty.** Deep, brilliant rosy carmine, shading toward the center to a rich carmine-crimson. Very fragrant. Each 25 cts.

**Bride.** A white Rose of very large size. Its form is perfect and fragrance unexcelled. It is a vigorous grower and a free bloomer. Each 25 cts.

**Black Prince.** Unapproachable in its color, being a blackish crimson, darkest in the bud. As it opens, smoky shades of crimson are brought out, giving it an extremely rich effect. 25 cts. each.

**Bridesmaid.** This is a "sport" from Catherine Mermet, and while it possesses all the good characteristics of its parent, it surpasses it

in color, being a deep, bright pink. 25 cts. each.

**Catherine Mermet.** A rapid grower, profuse bloomer; long stems, well-developed flower of pink color shading to flesh. 25 cts. each.

**Captain Christy.** Delicate flesh color; darker toward the center. 25 cts. each.

**Cecil Brunner.** This, the "Baby Rose," is a very small, perfectly formed Rose of pink color, largely used for table decoration. 25 cts. each.

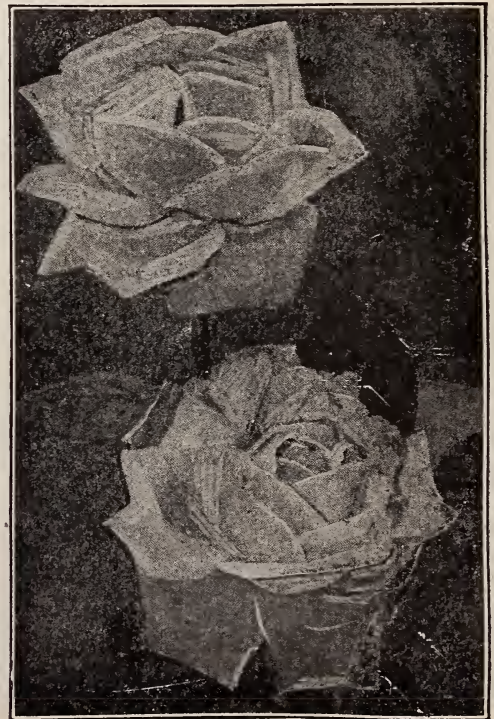
**Clothilde Soupert.** A polyantha Rose; pearly white, shading to white at edge. 25 cts. each.

**Duchesse de Brabant.** Very strong, rapid grower, profuse bloomer and one of the most popular pink Roses in cultivation. 25 cts. each.

**Duchess of Albany.** Rich, dark pink, good form and free bloomer. 25 cts. each.

**Francisca Kruger.** Coppery yellow; fine buds. 25 cts. each.

**General Jacqueminot.** Brilliant, dark crimson; a most popular Rose; quite large. 25 cts. each.



ROSE, MAMAN COCHET



GRUSS AN. TEPLITZ

**BUSH ROSES, Continued**

- Gruss an Teplitz.** One of the best, hardy, ever-blooming Roses for outdoor planting; color rich crimson, quickly turning to fiery red. Flowers large and fragrant; a constant bloomer and vigorous grower. 25 cts. each.
- Helen Gould (Balduin).** A deep crimson, hardy and profuse bloomer. 35 cts. each.
- Kaiserin Augusta Victoria.** A hybrid tea Rose of a soft pearly white color, tinged in the center with lemon. It is very fragrant; a strong, vigorous grower with beautiful foliage. 25 cts. each.
- Lady Battersea (Hybrid Tea).** A charming new Rose of lovely wine-red color; strong grower, free bloomer, and produces splendid buds of enormous length. We highly recommend this to all lovers of Roses. 50 cts. each.
- La France.** One of the largest and most beautiful of all Roses, both in the bud and in full bloom; peach-blossom color, and of the richest fragrance. 25 cts. each.
- Mme. Caroline Testout.** Brilliant, satiny pink. 25 cts. each.

- Mme. Abel Chatenay.** This splendid Rose of novel color—golden pink, flushed with salmon—is a strong grower, producing large flowers and magnificent buds; very rare. 50 cts. each.
- Maman Cochet.** One of the best for summer-blooming. The buds are of a beautiful, light pink color which is retained in the open flower. The blooms are delightfully fragrant and are held erect on long stems. 25 cts. each.
- Marie Van Houtte.** Pale, creamy yellow, edge of petals shaded salmon-pink. This is a universal favorite. 35 cts. each.
- Meteor.** This rich, dark crimson Rose is becoming more popular every year, owing to its excellent properties as a cut-flower variety. 25 cts. each.
- Papa Gontier.** Considered by many to be one of the finest Roses yet produced. It is of a pleasing cherry-red color toward the edge of the petals, shading to deeper tone at the base. A strong, vigorous grower with a remarkable fragrance. 25 cts. each.
- Paul Neyron.** The largest Rose grown, the flowers being many inches in diameter. Color pink; long stems; beautiful foliage. 25 cts. each.
- Prince Camille de Rohan.** Very deep crimson. Will give excellent satisfaction to those desiring a dark red Rose. 25 cts. each.
- Perle des Jardins.** This is a Tea Rose of a rich shade of yellow and is unexcelled by any Rose of its color; large flowers, perfect form; healthy, vigorous grower. 35 cts. each.
- Safrano.** An old standard variety, highly valued for its handsome buds and flowers; of bright apricot-yellow, changing to orange. A fine outdoor variety. 25 cts. each.
- Sunset.** One of the finest Tea Roses grown. It is a large, double, coppery yellow rose of the most delicious fragrance; a very free bloomer. 35 cts. each.
- Souvenir du Wootton.** A beautiful shade of deep crimson, exquisitely fragrant, a constant, prolific bloomer; long stems. 25 cts. each.
- Souvenir de President Carnot.** This Rose has few equals and no superior. Its growth is vigorous and its foliage a beautiful dark green. The flower is very large, double to the center, and its color is a soft, rosy flesh. 25 cts. each.
- Ulrich Brunner.** This is a most excellent Rose, both in flower and foliage. The bloom is large, cherry-red and very fragrant. The foliage is almost thornless. 25 cts. each.
- White La France (Augustine Guinoiseau).** Being a sport from La France it has the same form and habit. It is pure white with a rich fragrance. 25 cts. each.
- White Maman Cochet.** A pure white, hardy, ever-blooming Rose of superior size, fragrance and profusion. Rivals the best. 25 cts. each.

**Climbing Roses**

- Climbing Wootton.** This Rose is similar in color and form to Souvenir de Wootton and, in addition thereto, is an unexcelled climber. 25 cts. each.
- Crimson Rambler.** Rich, crimson Roses in magnificent clusters, every cluster a bouquet. Hardy, rapid grower. 25 cts. each.
- Climbing Perle des Jardins.** A canary-yellow Rose of excellent qualities. 35 cts. each.
- Cloth of Gold (Chromatella).** A large, deep yellow Rose, very full and a free bloomer; hardy. 25 cts. each.
- Climbing Kaiserin (Mrs. Robert Peary).** It is a hardy, ever-blooming climbing, pure white Rose, and will bloom continuously from the first season. The flowers are large, very double and exquisitely fragrant. It certainly has no superior. 35 cts. each.
- Dorothy Perkins.** A splendid Rose with the habit of the Crimson Rambler. Its color is a beautiful shell-pink and the sweet-scented flowers are borne in clusters of from 30 to 50 blooms each. 35 cts. each.
- Gold of Ophir (Beauty of Glazenwood).** A beautiful Rose; yellow suffused coppery red. Very full and a free bloomer. 25 cts. each.
- Lamarque.** A pure white, continuous bloomer. This is a universal favorite. 25 cts. each.
- Marechal Niel.** A rich, deep golden yellow, of the most delicious fragrance. One of the finest and most popular of all climbing Roses. 35 cts. each.
- Reine Marie Henriette.** A strong grower, producing large, handsome buds and flowers of a cherry-red; a free bloomer and very fragrant. 25 cts. each.
- Single Cherokee.** A pure white, showy Rose, but not fragrant. It is extensively used for hedges. 25 cts. each.
- White Banksia.** Flowers small, white, in clusters on thornless stems. 25 cts. each.
- Yellow Banksia.** Small, yellow flowers on thornless stems. 25 cts. each.

All 50 Cent Roses \$5 per doz.

## FERNS

No collection of plants is complete without Ferns. Their popularity has greatly increased during the past few years, and now they are indispensable in all floral decorations, and are especially valued as room and table ornaments. Where there is shade and moisture, most of the varieties succeed well when planted out-of-doors. Good drainage must be provided, as stagnant water is fatal to success. The plants we offer are in 4-, 5- and 6-inch pots, and well established.

**ADIANTUM cuneatum.** One of the most beautiful of all Maidenhair Ferns, the most popular and most generally grown by florists for decorations. 35 cts. to \$1.

**ASPLENIUM bulbiferum** (Bulb-bearing Fern). An exceedingly beautiful and interesting variety. Has a very singular property of bearing little bulbs on the surface, from which young plants are formed. 50 cts. to \$1.50.

**CRYTOMIUM falcatum** (Aspidium; the Holly Fern). So called because its bright, glossy green foliage resembles holly. 35 cts. to \$1.

**NEPHROLEPIS cordata compacta.** In our estimation this variety is the finest of all the Sword Ferns. It is of free, strong-growing, compact habit, attaining when fully grown a height of about 2 feet. 50 cts. to \$1.50.

**Exaltata** (the true Sword Fern). In well-grown specimens the fronds attain a length of 6 or 7 feet but only 1 to 3 inches wide, and, like plumes, arching over in every direction in a most graceful manner. 35 cts. to \$1.

**Exaltata Bostoniensis.** Known as the Boston Fern. This is decidedly the favorite for growing in hanging baskets, wall pockets and tall jardinières. Its long, broad, arching fronds show to grand effect. 50 cts. to \$2.50.

**Philippense.** A compact, dense-growing variety of dwarf habit, with pretty, upright fronds. 35 cts. to 75 cts.

**POLYPODIUM aureum.** A noble sort with large fronds which are of a bluish tint, deeply cleft and borne on stout, brown stems. 50 cts. to \$1.

**PTERIS tremula.** One of the finest for house decoration, growing very rapidly and throwing up large, handsome fronds; makes magnificent specimens; easily grown and very popular. 35 cts. to \$2.



JAPANESE FERN BALL

**Longifolia.** A variety of late introduction, fronds somewhat resembling a cycad. 35 cts. to \$1.

### JAPANESE FERN BALL

Of these we have a fine lot of perfect balls. During winter and early spring these are dormant, but on approach of warm weather they will again burst into growth. 50 cts. to \$1.

## BEGONIAS

All the species of Begonias are interesting and beautiful ornaments for the conservatory or window, and well adapted to amateur cultivation, their culture being very simple in any rich soil if allowed an abundant supply of water.



BEGONIA REX

### REX VARIETIES

A fine assortment of beautiful varieties, 25 cts. to \$1.

### FLOWERING VARIETIES

25 cts. to 75 cts.

**Argentea guttata.** This variety is an introduction of M. Lemoine and is a cross between Olbia and Alba picta. This beautiful sort has the silvery blotches of Alba picta and the grace and beauty of growth of Olbia. It has purple-bronze leaves, oblong in shape with silvery markings.

**Nivea.** This new variety is an advance in flowering Begonias. It is a constant bloomer, of dwarf bush habit and a vigorous grower, with large, dark green leaves, and is constantly covered with large clusters of rosy pink flowers.

**Rubra.** One of the finest shrubby Begonias in cultivation; has dark, glossy green leaves; scarlet flowers produced in abundance; stout, upright habit.

**Mariory Daw.** A beautiful rose-red; very strong grower, and similar to B. rubra, which is its parent.

**Thurstoni.** A beautiful, stately plant, with remarkably handsome foliage. The under side of the leaves is a rich purplish red, the veinings are very prominent, while the upper side is a bronzy green.



## CLIMBING PLANTS

- AMPELOPSIS quinquefolia** (Virginia Creeper). A very rapid grower; deciduous, 25 cts. to 50 cts. each.
- Veitchii** (Boston Ivy). Foliage very handsome, becoming crimson in the fall; deciduous. 15 cts. each, \$1.50 per doz.
- AUSTRALIAN PEA VINE.** See Dolichos.
- BIGNONIA** (Trumpet Vine). Five varieties. 25 cts. to 50 cts. each.
- Grandiflora.** One of the best climbers. 50 cts. to \$1.50 each.
- Venusta.** Rapid grower; orange-colored flowers. 35 cts. to 50 cts. each.
- BOUGAINVILLEA glabra.** Rich shade of magenta, though the color varies in different soils. A free bloomer and rapid grower. 25 cts. to \$2.50 each.
- Glabra Sanderiana.** Most prolific sort; blooms when only a few inches high, and is scarcely ever out of flower. The bracts are a rich, magenta color, rather smaller than the other two kinds mentioned here, but what it lacks in size it more than makes up in quantity. 25 cts. to \$2.50 each.
- Spectabilis.** A rapid grower which produces large bracts of glowing carmine-purple color. The bracts are larger than those of any other variety; foliage large and covered with hairs. 25 cts. to \$4 each.
- DOLICHOS lignosus** (Australian Pea Vine). Rose and purple. 15 cts. each, \$1.50 per doz.
- FICUS repens** (Climbing Rubber). This is most excellent for brick or stone walls and fences. All but the fruiting branches lie perfectly flat against the wall, making a perfect mosaic. 20 cts. each, \$2 per doz.
- HEDERA Helix** (English Ivy). 25 cts. each.
- IPOMOEA Learii** (Blue Moonflower). 15 cts. each, \$1.50 per doz.
- Pandurata.** Tuberous-rooted, rapid grower; flowers in clusters, pinkish purple; deciduous. 25 cts. each.
- IVY.** See Hedera.
- JASMINUM fruticans** (Jasmine). Yellow. 25 cts. each.
- Graeilis.** White; very graceful. 25 cts. each.
- LONICERA Sinensis** (the Chinese Honeysuckle). White and red; very fragrant. 35 cts. each.
- Japonica aurea reticulata** (Golden-netted Honeysuckle). White and yellow. 25 cts. each.
- Halliana.** White and pink. 25 cts. to 35 cts. each.
- MANDEVILLEA suaveolens** (Chili Jasmine). White, very fragrant; deciduous. 25 cts. each.
- PASSIFLORA** (Passion Vine). Six different varieties. 25 cts. to 50 cts. each.
- PHASEOLUS caracalla** (Snail Vine). Lilac, purple and yellow; splendid. 15 cts. to 25 cts. each.
- RHYNCHOSPERMUM jasminoides** (Star Jasmine). Pure white, fragrant. 50 cts. each.
- SMILAX** (Medeola asparagoides). A well-known climbing plant, much used in floral work, festooning, etc. 5 cts. each, 50 cts. per doz.
- SNAIL VINE.** See Phaseolus.
- SOLANUM Wendlandii.** A splendid climber with delicate light blue flowers; deciduous. 35 cts. to 50 cts. each.
- STEPHANOTIS floribunda.** Waxy white, very fragrant. One of handsomest climbers. Requires sheltered, warm situation. 75 cts. to \$1.50 each.
- TACSONIA Buchananii.** Deep rose-color; flowers similar to passion flowers, but larger. 25 cts. to 50 cts. each.
- TECOMA jasminoides.** White and purple. 25 cts. to 50 cts. each.
- WISTARIA Sinensis.** Light blue; the best of all deciduous climbers; flowers in early spring; well known. Grafted plants, 50 cts. to \$2 each.
- Multijuga alba.** Flowers pure white, in bunches often over 2 feet long; deciduous. Grafted plants, 50 cts. to \$2 each.

## ORNAMENTAL PLANTS AND SHRUBS

- ABUTILON** (Flowering Maple). A large assortment. 15 cts. to 35 cts. each.
- ALOYSIA citriodora** (Lemon Verbena). Well-known, fragrant shrub. 35 cts. each.
- BOTTLE-BRUSH.** See Callistemon.
- BROOM, SPANISH.** See Genista.
- CALADIUM esculentum** (Elephant's Ear). A tropical plant with enormous leaves. Very ornamental for lawns. In pots, from 50 cts. to \$1 each.
- CAMELLIA Japonica.** Red, white, pink and variegated. 1½ to 2 ft., \$1 to \$1.25 each; 2 to 2½ ft., \$1.50 to \$2 each; 3 ft., \$3 each.
- CYPERUS alternifolius** (Palm Grass, or Umbrella Plant). A favorite for jardinières. In 5-in. pots, 25 cts. each; 6-in. pots, 50 cts. to 75 cts. each.
- COPROSMA Baueriana, fol. variegata.** Glossy green leaves, blotted with yellow. In 3-in. pots, 25 cts. each; 5-gal. cans, \$1 each.
- CRAPE MYRTLE.** A handsome, deciduous shrub that produces an abundance of very showy flowers. In three colors, rose, crimson and white. In pots, 50 cts. each; larger plants from open ground, 75 cts. to \$1 each.
- CALLISTEMON speciosus** (Bottle-Brush). Scarlet flowers. In gallon cans, 3 ft. high, 50 cts. to 75 cts. each.
- CORONILLA glauca.** A pretty evergreen shrub with glaucous green foliage and beautiful yellow, fragrant blossoms. 50 cts. each.
- DIOSMA fragrans** (Breath of Heaven). A favorite shrub or pot-plant; small white flowers. 40 cts. to 75 cts. each.
- DAPHNE odora.** A handsome, evergreen, winter-blooming shrub. In 6-in. pots, \$1 each.
- EUONYMUS.** A handsome evergreen shrub. In variety. 25 cts. to 50 cts. each.
- EULALIA Japonica** (Japanese Plum Grass). Effective in groups. 50 cts. each.
- FUCHSIA.** All the leading sorts. 25 cts. to 50 cts. each.
- GYNERIUM argenteum** (Pampas Grass). Well known; useful for planting on lawns, etc. Small clumps, 50 cts. each.
- GENISTA scoparius** (Cytisus scoparius; Spanish Broom). Bright yellow, pea-shaped flowers. In pots 35 cts. to \$1.50 each.
- HYDRANGEA hortensis.** One of the most gorgeous blooming plants grown in our semi-tropic climate; thrives best in partial shade, but does well in any situation. Highly recommended for planting on the shady side of buildings. Our plants are pot-grown. 25 cts., 35 cts. and 50 cts. each.
- HYDRANGEA OTASKA.** The flowers are much larger than the old variety frequently measuring 12 inches in diameter and of a delightful pink color. 35 cts. to \$2 each.
- LAURUS NOBILIS** (Bay Tree). Handsome ornamental trees, trained in pyramids and globes, excellent for hotels and other places where a striking effect is desired. Pyramids in tubs. Standard or Globe Shape in tubs.
- Write for prices on bay trees stating shapes and sizes desired.
- HIBISCUS rosa Sinensis.** A beautiful shrub, with large, showy flowers. Choice double and single varieties. 25 cts. to 75 cts. each.
- HELIOTROPium** (the common Heliotrope). A fine collection; various shades of blue and pure white. 25 cts. each.
- LANTANA.** A fine assortment in pots. 15 cts. to 35 cts. each.
- LAURUSTINUS.** See Viburnum.
- LEMON VERBENA.** See Aloysia.
- LILAC.** See Syringa.
- LIGUSTRUM Japonicum** (Japanese Privet). A handsome shrub; valuable for hedges, 50 cts. per doz., \$3 per 100.
- MYRTUS communis** (Common Myrtle). A well-known shrub. In pots, 15 cts. to 50 cts. each.
- MAGNOLIA fuscata.** A small tree with flowers of the most delicious fragrance. In pots, \$1.50 each.



BELGIUM BAYS AND BOXWOODS

ORNAMENTAL PLANTS AND SHRUBS, Continued

- PAMPAS GRASS.** See *Gynerium*.
- PLUMBAGO.** White and blue. 25 cts. to 50 cts. each.
- PITOSPORUM.** In variety. 50 cts. to \$1 each.
- POINSETTIA pulcherrima.** The well-known Flor de Pascua, the "Christmas Flower" of Mexico; unsurpassed for the splendor of its brilliant scarlet flower bracts; a universal favorite; grows to a large size. In 4-in. pots, 25 cts. to \$1 each.
- ROMNEYA Coulteri** (Matilija Poppy). The queen of all our native flowers. Good strong plants, 75 cts. to \$1 each.
- SNOWBALL.** See *Viburnum*.
- SPIRAEA Reevesiana** (Bridal Wreath). A well-known, favorite shrub, producing immense quantities of white flowers. 25 cts. to 50 cts. each.
- Van Houttei.** The finest of all the white varieties; when in flower a complete fountain of white bloom, the foliage hardly showing at all, so dense and profuse are the blooms. This has been a great favorite wherever tried. 25 cts. to 50 cts. each.
- SYRINGA vulgaris** (Common Lilac). A well known, beautiful shrub, with large trusses of fragrant, bluish purple flowers. 25 cts. to 50 cts. each.
- Vulgaris alba.** A white variety of the above. 25 cts. to 50 cts. each.
- Persica** (Persian Lilac). A superb variety with small foliage and bright purple flowers. 50 cts. each.
- TECOMA stans** (Yellow Elder). A handsome tree with bright yellow flowers. 25 cts. to 50 cts. each.
- VIBURNUM opulus, var. sterilis** (Snowball, or Guelder Rose). A favorite shrub, with clusters of pure white flowers. 35 cts. to 50 cts. each.

- Tinus** (*Laurustinus*). A handsome shrub with white flowers. In pots, 25 cts. to 50 cts. each.
- PAPYRUS antiquorum.** Used by the ancient Egyptians in the manufacture of paper. A tall, graceful plant, very ornamental; prefers a moist situation; large plants. \$1.50 each.

CONIFERAE

- ARAUCARIA Bidwillii** (Bunya-Bunya). A magnificent tree for planting on lawns or in parks. Many fine specimens may be seen in Los Angeles. In pots, 1½ ft., \$2.50 each.
- Excelsa** (Norfolk Island Pine). One of the handsomest trees for planting on lawns and in parks, also extensively used as a decorative pot-plant. In pots, 1½ ft., \$1.50 each; 2 ft., \$2 each; 3 ft., \$3.50 each.
- CEDRUS Deodora** (Himalayan Cedar). In pots, 1 to 2 ft., \$1 each; 3 to 5 ft., \$3.50 each.
- Libani** (Cedar of Lebanon). In pots, 1½ ft., \$1.50 each; 2 to 3 ft., \$2.50 each.
- CRYPTOMERIA elegans** (Fine-leaved Japan Cedar). 35 cts. to \$1 each.
- CUPRESSUS Guadalupensis** (Blue Cypress). 25 cts. to 75 cts. each.
- Lawsoniana** (Lawson Cypress). 75 cts. to \$1.50 each; large plants, \$2.50 each.
- Macrocarpa** (Monterey Cypress). In 4-in. pots, 10 cts. each; \$1 per doz.; in flats of 100 plants, \$1.50.
- Sempervirens** (Italian Cypress). 25 cts. to \$1 each.
- PINUS insignis** (Monterey Pine). In pots, 1 ft., 25 cts. each; 3 to 4 ft., 50 cts. to \$1 each.

ORNAMENTAL PLANTS AND SHRUBS, Continued



CRYPTOMERIA ELEGANS



AURACARIA EXCELSA

BAMBOOS

**BAMBUSA Metake.** A very hardy variety; well adapted to use as a screen for back yards. 50 cts. to \$1.50.

**Vulgaris.** A giant Bamboo, attaining a height of 70 feet and over 4 inches in diameter. Strong, established plants, \$5 each.

ORNAMENTAL DECIDUOUS TREES

**Arizona Ash.** 25 cts. each.

**American Elm.** 6 to 10 ft., 75 cts.

**Black Walnut, Eastern.** 50 cts.

**Cataipa.** 25 cts. each.

**Downing Mulberry.** 4 to 6 ft., 50 cts.

**Hicks' American Mulberry.** 4 to 6 ft., 50 cts.

**Locust.** 25 cts. each.

**Sycamore.** 5 to 6 ft., 75 cts.

**Texas Umbrella Tree.** 3 to 4 ft., 30 cts.; 4 to 5 ft., 40 cts.; 5 to 6 ft., 50 cts.; 6 to 8 ft., \$1.

**SEQUOIA gigantea** (California Big Tree). In pots, 1 to 4 ft., 35 cts. to \$5 each.

**Sempervirens** (California Redwood). In pots, 2 ft., 50 cts. each; large plants, \$1.50.

**THUJA arcea** (Golden Arborvitae). 75 cts. to \$2 each.

ORNAMENTAL EVERGREEN TREES

**ACACIA Baileyana.** A small, handsome tree with glaucous green foliage. One of the most beautiful of the Acacias and highly recommended for street planting. 75 cts. to \$1 each.

**Dealbata** (Silver Wattle). A handsome tree for planting on lawns and in parks; also one of the best for streets. In pots or cans, 25 cts. to 35 cts.

**Decurrens.** One of the best trees for street planting. In pots or cans, 25 cts. to 35 cts.

**Floribunda.** In pots or cans, 3 to 4 ft., 25 cts. to 35 cts.

**Latifolia.** In pots or cans, 3 to 4 ft., 25 cts. to 35 cts.

**Melanoxylon** (Black Acacia). The best of the Acacias for street planting, and very extensively planted of late. In pots or cans, 35 cts. to \$1.50.

**Mollissima.** In pots or cans, 25 cts. to 35 cts.

**Pycnantha** (Golden Wattle). In pots or cans, 25 cts. to 35 cts.

**CAMPHORA officinalis** (Camphor Tree). In 4-in. pots, 1 ft., 35 cts.; in pots or cans, 2 ft., 50 cts.; 3 ft., 75 cts.; 4 ft., \$1.25.

**CASUARINA suberosa** (Erect She-Oak). A beautiful shade tree. 50 cts. and 75 cts. each.

**EUCALYPTUS corynoalix** (Sugar Gum). In pots, 25 cts. to 50 cts. In flats of 100 plants, 4 to 8 in., \$2.

**Ficifolia** (Scarlet-flowered Gum). In pots, 25 cts. to 75 cts.

**Globulus** (Tasmania Blue Gum). In pots, 10 cts. to 25 cts. In flats of 100 plants, according to size, \$1.50 to \$2 per flat.

**Robusta** (Swamp Mahogany). In pots, 10 cts. to 25 cts. In flats of 100 at \$2 per flat.

**Rostrata** (Red Gum). In pots, 10 cts. to 25 cts.; in flats of 100 plants, \$2 per flat.

ORNAMENTAL EVERGREEN TREES, Continued



FICUS ELASTICA

**FICUS australis** (Australian Banyan Tree). One of the most remarkable large spreading trees of tropical Australia, standing the climate of California perfectly. In pots, 8 to 10 in., 50 cts.; 2 ft., \$1.50; 4 ft., \$3.50 each.

**Elastica** (Rubber Tree). The true Rubber Tree from India. A fine ornamental tree for lawn, with long, glossy green leaves; and also much used as a decorative plant. In pots, \$1 to \$5 each.

**Macrophylla** (Moreton Bay Fig, or Long-leaved Rubber Tree). Similar to *F. australis*, quite hardy and grows very large, with larger leaves than the former. In pots, 1 ft., \$1; 2 ft., \$2; 3 ft., \$3 each.

**GREVILLEA robusta** (Silky Oak, or Australian Fern Tree). In pots or cans, 25 cts. to 50 cts.

**JACARANDA mimosaeifolia** (Brazilian Jacaranda). In pots or cans, 1 ft., 20 cts.; 1½ ft., 25 cts.; 2 to 3 ft., 50 cts.

**MAGNOLIA grandiflora**. We have an extensive stock of these, varying in size from 2 to 10 ft. In pots or cans, 50 cts. to \$5 each.

**PITTIOSPORUM eugenoides**. In pots, 50 cts. to \$1.50.

**SCHINUS Molle** (Mexican Pepper Tree). In cans, 2 ft., 25 cts.; 3 ft., 35 cts.; 4 ft., 50 cts. each.

**STERCULIA diversifolia** (Brachychiton populneum). In pots, 35 cts. to 50 cts. In tubs, \$1.25.

**Acerifolia** (Australian Flame Tree). In cans, 50 cts. to \$2.

FRUIT TREES  
CITRUS AND DECIDUOUS

ORANGES

**Washington Navel.** The most profitable Orange grown; a regular bearer of large, luscious fruits of the most delicious flavor; fine shipper; the best variety for California; each \$1.50.

**Thompson's Improved Navel.** Fruit of medium size, early, rind thin and smooth; resembles the Washington navel in habit; a fine keeper and of excellent flavor. Each \$1.50.

**Valencia Late.** An early and prolific bearer, fruit medium size, oval, solid and heavy; flesh exceedingly juicy and sweet; holds its quality until autumn. Each \$1.50.

**Mediterranean Sweet.** Fruit medium to large; few seeds, oval in shape, late. The tree is thornless and very productive; a splendid shipper. Each \$1.50.

**Tangerine.** The standard variety ripens at the same time as the navels; pulp is sweet and separates freely from the rind. Each \$1.50.

LEMONS

**Eureka.** The favorite shipping commercial variety. Fruit of medium size, sweet rind, abundant acid, and fine flavor; a heavy bearer. Each \$2.00.

**Lisbon.** Medium sized fruit, oblong with prominent point, few seeds, acid strong, and of fine flavor; very productive. Each \$2.00.

**Villa Franca.** Fruit of medium size and of fine flavor, nearly seedless, rind thin, with no trace of bitterness. Valuable for commercial planting. Each \$2.00.

THE POMELO, or GRAPE FRUIT

**Triumph.** Medium size, few seeds, heavy, juicy and well flavored; an early and prolific bearer. Each \$1.50.

**Fogg's Improved.** A standard variety, medium sized fruit of good flavor. Each \$1.50.

**Marsh's Seedless.** Said by many to be the best

of the Pomelo family. Seedless and sweet; it can be eaten without sugar when fully matured. Each \$2.



GRAPE FRUIT TRIUMPH



ORANGE, WASHINGTON NAVEL

### FRUIT TREES, Continued

#### ALMONDS

- Ne Plus Ultra.** Tree a rapid grower, leaves large, good bearer, nuts large, shell soft. 35 cts. each, per 100 \$30.
- I. X. L.** Nuts large, easily shelled, no bleaching necessary, fine bearer, tree of upright growth; highly recommended by planters. 35 cts. each, \$30 per 100.
- Nonpareil.** Of a weeping style of growth; small foliage; a heavy bearer with thin shell. One of the best. 35 cts. each, \$30 per 100.

- streaked with red; flesh white, tender and juicy. 25 cts. each, \$20 per 100.
- Winesap.** Medium, yellow with red streaks; flesh yellow, of fine rich flavor. 25 cts. each, \$20 per 100.
- Missouri Pippin.** Admirably adapted to Southern California; large, round, yellow striped red, tender and juicy; fine for market. 25 cts. each, \$20 per 100.

#### APPLES, SUMMER VARIETIES

- Early Harvest.** Fine for table, medium size, light yellow, tender and sweet. 25 cts. each, \$20 per 100.
- Red June.** Early oblong in shape, medium size, fine for table. 25 cts. each, \$20 per 100.
- Red Astrachan.** One of the best commercial varieties. Large, red, with a pleasing acid flavor. 25 cts. each, \$20 per 100.

#### APPLES, FALL VARIETIES

- Gravenstein** tree is a vigorous grower, fruits large, splashed with red and orange; tender, crisp and of fine flavor. 25 cts. each, per 100 \$20.
- Fall Pippin.** Fruit large, yellowish green, flesh tender and mellow, of fine quality. 25 cts. each, \$20 per 100.
- Rhode Island Greening.** Large, light yellow flesh yellow, crisp and juicy; fine for table or cooking. 25 cts. each, \$20 per 100.

#### APPLES, WINTER VARIETIES

- Yellow Bellflower.** Large size, oblong, flesh juicy, rather acid; does well in California. 25 cts. each, \$20 per 100.
- Kentucky Red.** Medium size, greenish yellow,



APPLE, EARLY HARVEST



THE PRODUCTS OF OUR FRUIT TREES

## FRUIT TREES, Continued

- Baldwin.** Very productive, large, round, deep bright red, juicy, crisp, subacid, of fine flavor. 25 cts. each, \$20 per 100.
- Newtown Pippin.** Large, golden yellow. Flesh crisp and juicy, one of the standard varieties in California. 25 cts. each, \$20 per 100.
- Stone's Eureka.** Large, round, yellow striped with red; tender and juicy. 25 cts. each, \$20 per 100.
- White Winter Pearmain.** Oblong, of medium size, yellowish white with brown spots; flesh juicy and of fine quality; planted largely in this state. 25 cts. each, \$20 per 100.

## APPLES, CRAB

- Yellow Siberian.** Large, fine, golden yellow. 25 cts. each.
- Red Siberian.** Fruit small, fine flavor. 25 cts. each.
- Transcendent.** Fruit large, tree productive; crisp and juicy, skin yellow striped red. 25 cts. each.
- Martha.** Skin yellow striped with red; the best for home cooking. 25 cts. each.

## APRICOTS

- Hemskirk.** Large, slightly flat on the sides; flesh orange, tender and juicy. 35 cts. each, \$30 per 100.
- Royal.** More extensively planted than any other variety, fine for canning and drying, fruit oval, yellow, red on side next the sun. 35 cts. each, \$30 per 100.
- Peach.** Fruit large, flattened on sides, skin yellow, flesh juicy, and of rich flavor; fine for drying. 35 cts. each, \$30 per 100.

## CHERRIES

- Black Tartarian.** Fruit large, purplish black, flesh rich and delicious; fine bearer, one of the best blacks. 35 cts. each, \$30 per 100.
- Early Richmond.** Very productive and one of the best for cooking. Dark red and juicy, but of acid flavor. 35 cts. each, \$30 per 100.
- Napoleon Bigarreau (Royal Ann).** A splendid cherry of large size; yellow spotted with red, and red cheek; flesh juicy and sweet; a fine bearer. 35 cts. each, \$30 per 100.

## FIGS

- White Smyrna.** A compact grower of spreading habit; skin thin, grayish green; a splendid table fig. 35 cts. each.
- Calimyrna.** The genuine Smyrna fig, skin lemon yellow, pulp amber color; fruit has a richness and flavor unsurpassed by any other variety and when dried contains more sugar than the imported Smyrna Fig. 35 cts. each.
- Black California.** Large, dark purple, very productive; the kind found most common in California. 35 cts. each.
- Brown Turkey.** Fruit large, color violet brown; the earliest Fig in the San Francisco market. 35 cts. each.

## GRAPES, AMERICAN VARIETIES

10 cts each, \$1 per dozen.

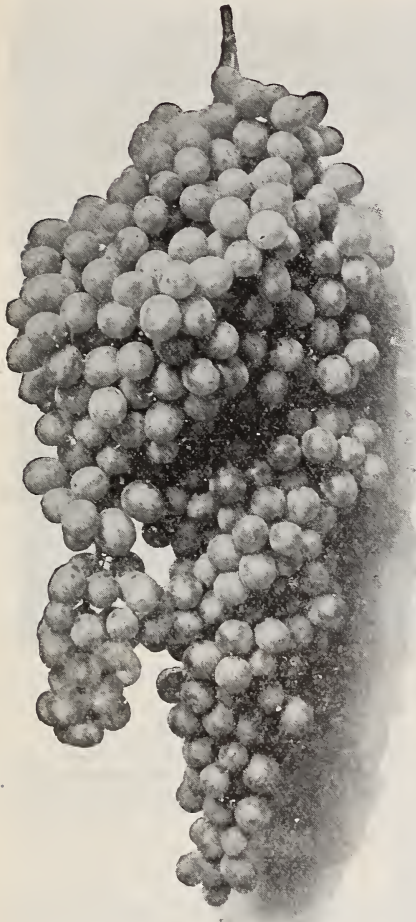
- Catawba.** Bunches large, coppery red, fine for wine-making.
- Campbell Early.** Blackish purple, early and productive.
- Concord.** Early, large, black; berries sweet.
- Delaware.** Red, bunches medium size, sweet and delicious.
- Isabella.** A fine market variety; berries oval, black, sweet and juicy.
- Martha.** Berries and bunch medium size; greenish white, sweet.
- Moore's Early.** Berries large, bunch medium size; early and sweet.
- Niagara.** Pale yellow, large berry; flesh tender and of fine flavor. One of the best white grapes.
- Worden.** Black and of large size.

## GRAPES, FOREIGN VARIETIES

10 cts. each, \$1 per dozen.

- Black Hamburg.** Bunches and berries large, sweet, juicy; one of the best table grapes.
- Tokay.** Berries large, skin thick, pale red, flesh firm and sweet; excellent for table.
- Mission.** The first grape grown in California; purple black, sweet and delicious.
- Muscet of Alexandria.** Yellowish green, skin thick, extensively planted for raisins.
- Sultana.** Long bunches, berries amber colored, seedless; a fine bearer and excellent for raisins.

**FRUIT TREES, Continued**



GRAPE. THOMPSON'S SEEDLESS

**Thompson's Seedless.** A prolific bearer; large bunches, berries greenish yellow, seedless, larger than the Sultana; makes a raisin of fine quality.

- Emperor.** Vine vigorous and heavy bearer; berries oblong, rose color; a splendid late variety for the market.
- Rose of Peru.** Fruit round, vine strong grower; a fine market variety.
- Zinfandel.** The leading variety in California for making claret; large bunches, berries dark purple.
- Black Prince.** Bunches long, tapering; berries juicy and sweet.
- Cornichon.** Black, late, fine for shipping or market; agreeable flavor.
- Malaga.** Immensely productive; berries very large, on large bunches, yellowish green; a splendid shipper.

**PEACHES, WHITE FREESTONE VARIETIES**

- Briggs' Red May.** Early, very popular; fruit medium to large; skin greenish white with red cheek; juicy and sweet. 35 cts. each, \$30 per 100.
- George IV.** Size medium to large fruit; tender and sweet. 35 cts. each, \$30 per 100.
- Stump the World.** Large, white, with bright red cheek; juicy and of high quality. 35 cts. each, \$30 per 100.
- Alexander.** Considered the best early; large, greenish white, shaded with red; sweet and juicy. 35 cts. each, \$30 per 100.

**PEACHES, YELLOW FREESTONE VARIETIES**

- Foster.** Fruit large, yellow, red on cheek, early, rich and juicy, fine for canning or drying. 35 cts. each, \$30 per 100.
- Early Crawford.** Large, oblong, skin yellow, with fine red cheek, flesh excellent. 35 cts. each, \$30 per 100.
- Globe.** Very large, firm, juicy and of fine flavor. 35 cts. each, \$30 per 100.
- Wheatland.** Large and of excellent flavor, fine for shipping, canning or drying; yellow with red shade; firm and sweet. A splendid bearer. 35 cts. each, \$30 per 100.
- Elberta.** Large, yellow, with red cheek; flesh yellow; one of the best market sorts; a fine bearer and in every way first class. 35 cts. each, \$30 per 100.
- Late Crawford.** Very large, yellow, red cheek; sweet and of fine flavor; good for canning, etc. 35 cts. each, \$30 per 100.
- Lovell.** Large, of excellent flavor, largely used for canning and drying. Commands better prices than other varieties. 35 cts. each, \$30 per 100.
- Salway.** A standard late peach; large, yellow mottled, with red cheek of sweet, luscious flavor. 35 cts. each, \$30 per 100.
- Bilyeu's Late.** A fine shipper, large, white, with blush cheek, sweet. 35 cts. each, \$30 per 100.



FOSTER PEACHES

**FRUIT TREES, Continued**

**PEACHES, CLINGSTONE VARIETIES**

- Orange or Golden.** Medium size, skin golden yellow; flesh rich and sweet. 35 cts. each, \$30 per 100.
- Tuscan Cling.** A large, early, yellow cling, flesh juicy and of fine flavor, good canner and shipper. 35 cts. each, \$30 per 100.
- Lemon Cling.** Fruit large, lemon shape, red on sunny side; rather acid in flavor. 35 cts. each, \$30 per 100.
- Heath Cling.** Very large, white with light shade of red; tender and sweet; good for canning. 35 cts. each, \$30 per 100.

**PEARS, EARLY VARIETIES**

- Madeline.** The earliest, fruit medium pale yellow, flesh melting and sweet. 35 cts. each, \$30 per 100.
- Bartlett.** Most famous of the table sorts, large, finely flavored and luscious; an abundant bearer, fruit yellow with pale blush on sunny side. 35 cts. each, \$30 per 100.
- Seckel.** Small but of superlative table excellence; color yellow russet with red cheek, spicy flavor; very popular. 35 cts. each, \$30 per 100.

**PEARS, WINTER VARIETIES**

- Beurre Diel.** Fruit large, skin yellow, marked with brown dots, flesh rich and delicious. 35 cts. each, \$30 per 100.
- Winter Nelis.** Skin yellowish green, medium, dotted with russet, flesh fine grained, exceedingly juicy and sweet; a fine shipper and splendid keeper. 35 cts. each, \$30 per 100.

**PLUMS**

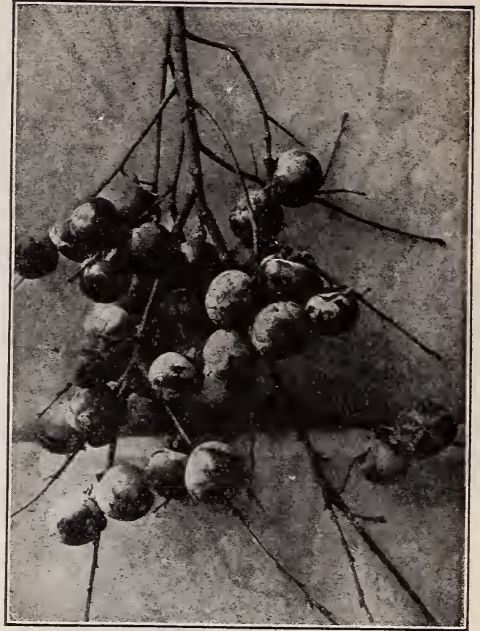
- Burbank.** The best of the Japanese varieties. Fruit large, round, red, flesh yellow, sweet with a very pleasant flavor. 35 cts. each, \$30 per 100.
- Botan.** Large size, skin yellow with purple on sunny side; very juicy, but slightly acid. 35 cts. each, \$30 per 100.
- Green Gage.** Pale green, small, round, juicy, of fine flavor. 35 cts. each, \$30 per 100.
- Kelsey Japan.** Ornamental and a splendid bearer; fruit large, light red, when ripe of splendid quality. 35 cts. each, \$30 per 100.
- Satsuma.** Large, dark red, flesh red, firm, solid and juicy and of fine flavor. 35 cts. each, \$30 per 100.
- Simon.** A vigorous grower, fruit large, rich and sweet, with pineapple flavor; early and delicious. 35 cts. each, \$30 per 100.
- Climax.** Very early, large size, fine color; delicious flavor; the leader in early shipping prunes; tree vigorous and productive. 50 cts. each.

**OLIVES**

- Mission.** Fruit medium to large, fine for pickles either green or ripe; makes splendid oil. 50 cts. each.
- Manzanillo.** The finest Seville olive, valuable for pickling and oil; a prolific bearer and one of the best. 50 cts. each.

**PRUNES**

- French Prune.** Violet purple, rich and sugary, medium size, productive, fine for drying, planted extensively on this account. 30 cts. each, \$25 per 100.
- Hungarian Prune.** Large, reddish violet, juicy and sweet; a vigorous tree and strong bearer; fine for shipping or home market. 30 cts. each, \$25 per 100.
- Sugar.** Early tree, vigorous, carries a high percentage of sugar; dark purple flesh, tender and rich. 50 cts. each.



JAPANESE PERSIMMONS

**PERSIMMONS**

Japanese Persimmons are becoming more popular each season, especially for winter fruit, besides they always realize a high figure in the markets. We carry in stock all the standard sorts. 25 cts. each.

**QUINCES**

- Orange.** Large fruit, fine for preserves; productive and popular; color golden yellow. 35 cts. each, \$30 per 100.
- Champion.** Fruit yellow, large and handsome, bears early, and is more productive than the above. Cooks tender and is of excellent flavor. 35 cts. each, \$30 per 100.

**NECTARINES**

- Lord Napier.** Flesh white, tender and juicy, fruit large, cream color with red cheek. 35 cts. each.
- Boston.** Yellow, with red cheek, fruit large, oval in shape with a pleasant but slightly acid flavor. 35 cts. each.
- Hardwicke.** Rich and of fine flavor, skin green with red cheek, large size; a splendid variety. 35 cts. each.

**WALNUTS**

- 3 to 4 ft., 35 cts. each; 4 to 6 ft., 50 cts. each; 7 to 8 ft., 75 cts. each.**
- Santa Barbara Soft Shell.** The nuts are large, with thin shell, kernel white and sweet; the favorite in Southern California.
- Placencia Perfection.** A seedling from the Santa Barbara, and one of the best. The nuts command a better price than any other variety.
- Ford's Improved Soft Shell.** An abundant bearer; nuts bright and uniform, thin shell and fine quality.



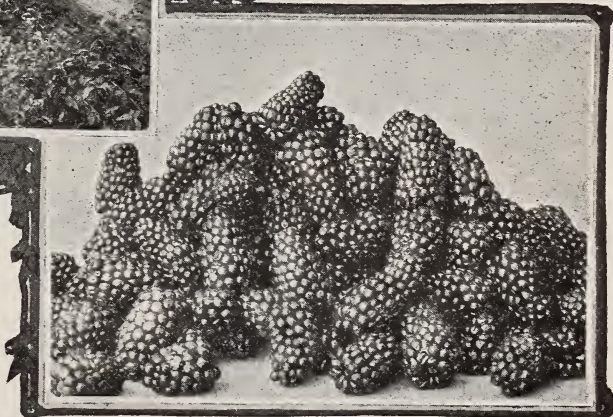


**Lucretia.** Produces an abundance of large, glossy, black fruit, of excellent quality, earlier than the blackberry. Per doz. 75 cts., per 100 \$4.

### CURRENTS

**Black Naples.** Large, black, fine for jams and jellies. 15 cts. each, \$1.25 per doz.

**Cherry.** Large, red, fine for preserves; productive. 15 cts. each, \$1.25 per doz.



### MISCELLANEOUS FRUITS

**Guava Strawberry.** Bushes bear well, producing fruit of a strawberry flavor of the size of a small plum; fine for table and preserves. In pots, 15 cts. to 35 cts. each; large plants, \$1.50 each.

**Guava Lemon.** Fruit yellow, fine for jellies and preserves. 35 cts. each.

**Loquats.** The tree is ornamental, blooms in winter and bears fruit in spring of a rich sugary flavor; makes a splendid jelly. \$1 each.

### BERRY PLANTS

**Mammoth Blackberry.** A mammoth in growth and unlike any other Blackberry plant. In a favorable season it has attained a growth of 20 feet. The foliage is large and thick and of a deep green color. Fruit is enormously large, some berries being  $\frac{2}{4}$  to  $\frac{2}{2}$  inches long; ripens three weeks before other kinds. Of delicious flavor and sure to become a great favorite. To obtain the best results plant upon a trellis, which should be set 10 feet apart and set the plants 6 to 8 feet in the rows. \$1 per dozen, \$6 per 100.

### MAMMOTH BLACKBERRY

**Moore's Ruby.** One of the best for jams and preserves. 15 cts. each, \$1.25 per doz.

**Red Cross.** A valuable standard variety of fine flavor. 15 cts. each, \$1.25 per doz.

**Fay's Prolific.** Fully as large as the cherry; early and productive. 15 cts. each, \$1.25 per doz.

### RASPBERRIES

**Raspberry.** Cuthbert, red. Berries very large, rich red, flavor good; a fine shipper. 50 cts. per doz., \$3 per 100.

### GOOSEBERRIES

**Downing.** Fruit of good size, light

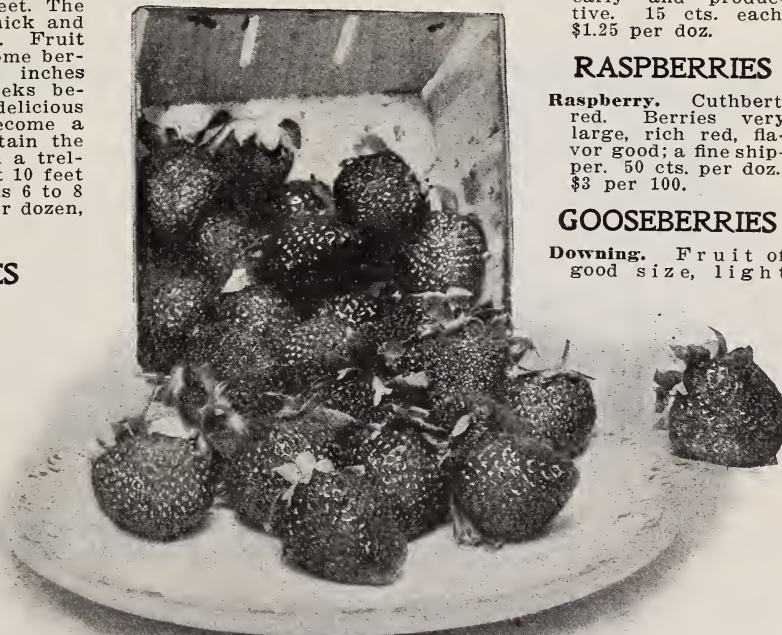
### BLACKBERRIES

**Crandall's Early.** Everbearing, large and firm; early, one of the best. Per doz. 50 cts., \$3 per 100.

**Kittatinny.** Large, round, black, juicy and sweet; excellent when fully ripe. Per doz. 50 cts., \$3 per 100.

### DEWBERRIES

**Gardena.** Berries large, glossy black, rich and delicious. Vines bear heavy and produce an abundance of fruit. Per doz. 75 cts., per 100 \$4.



STRAWBERRY, BRANDYWINE

MISCELLANEOUS FRUITS, Continued

green, oval, skin smooth, of fine flavor. 15 cts. each, \$1.50 per doz.

table either raw or stewed. 75 cts. per doz., \$4.50 per 100.

**Houghton.** A fine grower and a good bearer, pale red fruit, sweet and juicy. 15 cts. each, \$1.50 per doz.

LOGAN BERRY

**Logan Berry.** Said to be a cross between the raspberry and the blackberry, and partaking of the flavor of both, only more delicious than either. Seeds few; ripens early; excellent for

STRAWBERRIES

**Brandywine.** Plant a luxuriant grower. Fruit large, conical; flesh firm, of fine quality. 50 cts. per 100, \$4 per 1,000.

**Lady Thompson.** Early, fine for fall planting, vigorous, adapted to all climates; a fine variety for market. 50 cts. per 100, \$4 per 1,000.

**Laxton's Noble.** Berries extra large, fine flavor, and splendid shipper. 50 cts. per 100, \$4 per 1,000.

Cactus Special Collections

The home of many, if not quite all varieties of Cacti, native to the United States, is in the arid and mountainous regions of Southern California, Arizona, New Mexico and western Texas. Conditions of soil and climate being naturally favorable, the species from other countries—Old Mexico and South and Central America, flourish and are of easy growth. Owing to these advantages, we are enabled to offer first-class plants.

The Cactus family contains some of the most singular and grotesque, as well as the most beautiful productions of the vegetable world.

The flowers of many of the species are most gorgeous; of other, the most delicate and beautiful known to botanists. Of distinctive and striking forms there is no end in this strange family.

Nearly all the species require but little care, and will endure any amount of ill-treatment, and will thrive and blossom where other plants starve. The plants themselves are a bright green during summer and winter, while their individuality is so marked and their manner of growth so curious and unique that no one who has ever cultivated them can fail to appreciate and admire them.

As a house-plant they have no superiors, grouped with bright-colored stones in the form of a rockery or even massed artificially in a large flower-pot or fernery base they make a most handsome and unique parlor ornament. They may also be grown successfully out-of-doors, forming most beautiful and grotesque objects.

Lack of space prevents us from listing the varieties in full, so we have decided to offer them in collections well assorted, our selection, which will be sure to give satisfaction. Sent by express at purchaser's expense.



COLLECTIONS

No. 1— 6 plants .....	\$1.00
No. 2— 6 plants larger than above.....	1.50
No. 3—12 plants .....	1.75
No. 4—12 plants larger and higher priced kinds	2.50
No. 5—18 plants nicely assorted.....	2.50
No. 6—18 plants larger than above.....	3.50
No. 7—24 plants nicely assorted.....	3.50
No. 8—24 plants larger than above.....	4.50
No. 9—36 plants nicely assorted.....	4.50
No. 10—36 plants larger and higher priced than above .....	6.50

LAWNS AND TERRACES

**LIPPIA repens.** Excellent. Requires much less care than other lawn materials. In flats, enough to cover about 100 square feet, \$1 each, \$8 for 10 flats.

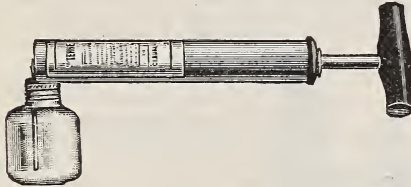
**MESEMBRYANTHEMUM (Ice Plant).** This is extensively used for creeping over stone walls and terraces. Its foliage is fine and apparently covered with frost or dew. It bears a small pink flower. In flats as above, \$1.50 each; cuttings, \$5 per 1,000.

**Cerise.** Foliage is much coarser than the above and the flower much larger and of a cerise color. In flats, \$1.50 each; cuttings, \$5 per 1,000.

# Agricultural and Horticultural Requisites

## REMEDIES FOR INSECTS AND FUNGUS ON PLANTS

**Buhach** (or Persian Insect Powder). One of the most effective powders for killing all kinds of insects; non-poisonous to everything except bugs; owing to its fineness it penetrates the breathing pores and causes instant suffocation. Lb. 50 cts.



THE TENNENT DOMESTIC ATOMIZER.

**Bordeaux Mixture** (Lion Brand). The most popular fungicide on the market, curing and preventing blight, black rot rust, scab and all diseases of vegetables and fruit. One gallon diluted in 49 parts water makes a most effective spray. Quart cans 50 cts.

**Fir Tree Oil.** A very popular insecticide for house or greenhouse plants. Sure death to red spider, green fly, mealy bug scale, ants, thrip, etc. Half pint is sufficient for 10 gallons water. ½ pint can 50 cts., pint 80 cts., quart \$1.50, gallon \$5.50.

**Sulphur** (Finest resublimed). Use no other if you wish results; prevents and cures mildew on peas, roses, grapes, etc. Per lb. 10 cts.; 100 lb. price on application.

**Hammond's Slug Shot.** Sure death to potato bugs, cabbage worms, rose bug, curculio and all lice, worms and caterpillars. Lb. 10 cts.; 100 lb. price on application.

**Kill Sure Soap.** Makes a good wash for killing scale and other insects on trees. Dissolve 1 lb. in 6 gallons of water. In bars, each 2 lbs., 25 cts.

**Sulpho Tobacco Soap.** Exterminates insects. Used as a spray, small bar to one gallon of water. Small bar 10 cts., large size 20 cts.

**Paris Green.** ½ lb. box 20 cts., 1 lb. box 35 cts. Prices on larger quantities on application.

**Rose Insecticide also a fertilizer.** ½ lb. package 15 cts.

**Nicotide.** A fumigating compound for mealy bug, green fly, etc. Can \$1.25, large size \$2.50. Lamp pan and stand 50 cts. extra.

**Whale Oil Soap.** Makes an excellent wash for trees and plants; kills insects and their eggs on the bark. Lb. 15 cts., 2 lbs. 25 cts.

**Scalecide.** The latest and best spray for the extermination of San Jose scale; last season it gave splendid satisfaction and we feel sure it will supersede the older remedies; non-poisonous; dilute at the rate of 1 gallon to 20 gallons water. Apply when the trees are dormant. 1 gallon can \$1, 5 gallons \$4.

**Tobacco Stems.** For fumigating greenhouses, etc., for the destruction of insect pests. Per sack 75 cts.

**Tobacco Dust.** For green and black fly, etc., apply when foliage is moist; a fertilizer and a preventive against insects in the ground. Lb. 15 cts.

**Cash's Tree Wash.** An economic and effective tree wash for all insects and diseases of plants tried and tested by the manufacturer to the full satisfaction of interested patrons; one trial will convince the most skeptical; Pamphlet explains all. ½ gallon cans 60 cts., 1 gallon \$1. Prices on larger quantities on application.

**Kerosene Emulsion** (Lion Brand). Very effective for destroying all plant lice, scales and suction insects that affect the foliage. Full directions with each can. Per quart, 50 cts.

**California Wash.** A specific remedy for San Jose scale, oyster shell scale, etc.; full directions accompany each can. Per quart 50 cts.

**Thompson's Rose Nicotine.** Specially prepared for killing insects on plants, roaches, bedbugs, etc. Put up in small cans. 25 cts. each.

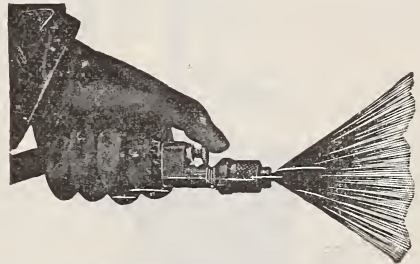
## INSECTICIDE APPLIANCES

**Powder Guns.** For applying insect powder, etc. **Star**, 10 cts.; **Jumbo**, large size, 25 cts.; **Floro-dora**, 35 cts.

**Bellows, with Cone.** Used for dusting plants with sulphur, slug shot, tobacco duct, etc. In three sizes, 80 cts., \$1.25 and \$2.25.

**Liquid Spraying Bellows.** One of the most useful sprayers for roses and small bushes; indispensable to the owners of small gardens. Price, small size, \$1.50; large size, \$2.

**The Tennent Domestic Atomizer.** Sprays either liquid or powder; convenient to handle; invaluable in every household. Price 50 cts.



"KANT-KLOG." STYLE C.

**Kant Klog Spray Pump.** Specially adapted for spraying fruit trees, potatoes, vegetables, poultry houses, etc. A few seconds working of the air pump agitates the solution and charges the sprayer with compressed air; the machine will supply sufficient spray to enable one to do the work as fast as one can walk; a slight pressure of the thumb starts the spray, which gives both flat and round sprays as desired. The machine is made of the best material and sure to give satisfaction. Price with galvanized steel body, \$5. 3-foot brass extension rod, 40 cts. extra.

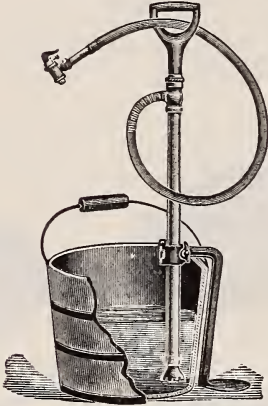
**The Myers Double-Acting Barrel Spray Pump.** Very powerful and easy to operate. Will throw a mist-like spray over any fruit tree. \$15. Barrel and trucks complete, \$25.

**INSECTICIDE APPLIANCES, Continued**

**Myers' Bucket Brass Spray Pump.** Price, with clasp to attach to side of bucket, \$3; with malleable iron foot-rest, \$3.50. To spray large trees with the above pump, an 8-foot pipe extension is necessary. 50 cts.



BORDEAUX NOZZLE.



**Prize Spray Pumps.** A pump that will spray whitewash or any other mixture. Made of solid brass, no leather valves to wear out or be eaten up by the whitewash. Throws a

continuous stream and is so simple that a child can take it apart. Fitted with a Bordeaux nozzle, \$5.

**Spray Nozzles.** All kinds for Bordeaux mixture, Paris green, whitewash and scale solutions. Guaranteed to give satisfaction. Prices range from 80 cts. to \$1.25.

**Perfection Sprayers.** Made especially for spraying plants, chicken houses, etc. Price 75 cts. each.

**Aspinwall Sprayers.** Similar to the above, used for spraying cattle and anything wherever a sprayer is needed; very effective. 50 cts. each.

**FERTILIZERS FOR LAWNS, ROSES AND HOUSE PLANTS**



**Sterlingworth Plant Food Tablets** contain nitrogen, ammonia, phosphoric acid and potash. This is a new scientific odorless concentrated fertilizer for potted plants. Takes the place of liquid manure. It starts the plants at once into a healthy and vigorous growth and makes them grow and bloom luxuriantly. They also kill worms and insects in the soil. If your plants are not doing well try a tablet and see how quickly they revive. Trial box for 10 house plants sufficient for 3 months, 10 cts., mailed free. Large box sufficient for 35 plants for 3 months, 25 cts., mailed free.

**Pure Bone Meal.** Excellent for lawns, roses and plants of all kinds. \$2.50 per cwt.

**Lawn Fertilizer.** Just the thing to renovate old lawns and produce a vigorous growth. Price \$2.50 per cwt.

**Leaf Mold.** The best for house plants, ferns, etc. Per sack, 75 cts.

**Garden Hose and Attachments**

All our garden hose is guaranteed. We sell no cheap hose, as cheap hose is dear at any price. Few realize the great difference there is in the quality of rubber hose. For general use the grades which we offer this year are, we believe, superior to any other. We want to warn everyone not to leave their hose out in the sun when not in use, as the water left in it gets very warm and will rot out the best of hose.

We recommend **Germain's Guaranteed 3/4-in. Hose.** The best hose in the market for the money. Each piece of hose has our guarantee stamped on it. 10 cts. per foot.

**Germain's Guaranteed 1/2-in. With couplings.** 8 cts. per foot.

**Continental.** This hose we can recommend and guarantee. 3/4-in. with couplings, 14 cts. per foot.

**Red Seminole.** Guaranteed for one year. 1/2-in., 12 cts. per foot.

**Bull-Dog.** This first-class 3/4-in. hose is guaranteed for two years. 16 cts. per foot.

**Metacome.** 3/4-in. size, 16 cts. per foot; 1/2-in. size, 14 cts. per foot. This first-class hose

we guarantee. We sell any length you want.

**Extra Prara 3/4-in.** This first-class hose is guaranteed for two years. 20 cts. per foot.

**Hose Couplings, Boston.** 1/2-in. or 3/4-in., 15 cts. per pair.

**Magic Bands.** For fastening on couplings. 5 cts. for 2, 25 cts. per doz.

**Rubber Washers.** 10 cts. per doz.

**Hose Menders. Wood,** 1/2-in. or 3/4-in., 10 cts. per doz. **The Cooper.** Made of brass and undoubtedly the best hose mender on the market; needs no wire on outside band to hold it, but holds itself by means of small, sharp teeth, which bite into the hose; will never pull apart; for 3/4-in. hose, 10 cts. each, 25 cts. for 3. **The Dean.** Made of iron, fastened by means of outside metal bands. For 1/2-in. and 3/4-in. hose. 10 cts. each, 25 cts. for 3.

**Hose Nozzles. Boston.** Brass, 50 cts. **Boston Hothouse Rose.** 60 cts.

**Lawn Sprinklers. Wilgus.** 40 cts. **The Twin.** 35 cts. **Fan.** Throws in one direction. 35 cts. **The Little Wonder.** 25 cts. **The Fountain.** \$1.

**Garey and Ross Lawn Sprinkler.** Made of brass, and nickel-plated. Throws the water in a fan-shaped spray, descending like rain, without any force. Will not injure the most delicate foliage, or wash the soil into furrows. Will spray a surface of from 6 to 10 feet in width. Used in the Los Angeles parks, and on many private places throughout California. Price 75 cts. each.



**GARDEN HOSE AND ATTACHMENTS, Cont.**

**Bent Leg Hose Reel.** The best wooden reel made—not easily tripped over. The ratchet prevents unwinding, unless it is desired to throw back the clutch.  
 No. A, for 100 feet of 3/4-in. Hose.....\$2.25  
 No. B, for 200 feet of 3/4-in. Hose..... 2.50

**MISCELLANEOUS TOOLS AND GARDEN REQUISITES**

**Corn Planter, The Segment.** One-hand corn and bean planter. The handsomest, lightest, most accurate, strongest, and withal the cheapest and most up-to-date planter on the market. Never cracks a kernel nor skips a hill. \$1.25.

**Dibble.** Germain's steel, dagger-shaped, tapering, all steel, 75 cts.

**Forks, Digging.** Short handled, 4-pronged. \$1 to \$1.35.

**Forks, Digging.** Long, straight handle, 4-pronged, \$1.00.

**Forks, Hay.** 2-pronged, 50 cts.

**Forks, Hand-weeding.** Best steel, 50 cts. Cast iron, 10 cts., 15 cts. and 25 cts.

**Forks, Manure.** Four-pronged, \$1.

**Garden Lines.** In balls, about 200 ft. 60 cts. per ball.

**Grafting Wax (Bee's Wax).** Subject to fluctuation. Lb. 50 cts. Prices on larger quantities on application.

**Grafting Wax, Lion Brand.** Pkg. 15 cts., 25 cts. and 50 cts. each.



SEGMENT CORN PLANTER



DIBBLE



WEEDING FORK



GRASS HOOK

**Grass Hooks, or Sickles.** 40 cts., 50 cts. and 60 cts. each.

**Hoes, Draw.** Cast steel, 5-in. 35 cts., 7-in. 50 cts.

**Hoes, Draw.** Planter's. Very useful, sharp-cutting. 6-in. 30 cts., 7-in. 40 cts., 9-in. 55 cts., 10-in. 60 cts.

SCUFFLE HOE

**Hoes, Draw.** Warren or "Bayonet" hoes. 75 cts  
**Hoes, Push, Scuffle, or Dutch.** A very useful garden tool for keeping down weeds. 7-in. 60 cts., 8-in. 75 cts.

**Hoe and Rake Combined.** According to size, 35 cts. to 55 cts.

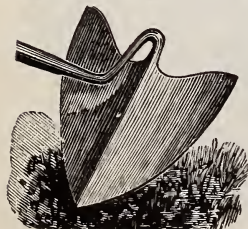
**Manure Hooks.** Fine steel and well finished, \$1.

**Mattocks.** With handles, \$1.25.

**Moss, Sphagnum.** Per bale of about 35 lbs., \$2.

**Pencils, Wolf's Indelible.** Solid ink; will dispense with painting labels. 15 cts.

**Post-Hole Digger.** This digger is fitted with lock lever. \$2.50.



WARREN HOE

**Rakes, Malleable Iron.** Small, 25 cts.; large, 35 cts.

**Rakes, All Steel.** 14 teeth, 60 cts., 16 teeth, 75 cts.

**Rakes, Steel Bow, Garden.** 11 teeth, 70 cts.; 13 teeth, 75 cts.

**Rakes, Lawn.** "Ohio Boy," galvanized; the teeth run right through the frame, forming 24 teeth on the one side and 12 looped teeth on the other. 55 cts. Wooden frame, 24 wire teeth, 60 cts. Wooden, 18 teeth, 40 cts.

**Raffia.** The best tying material for plants and buds. Lb. 20 cts. Special prices on large quantities.

**Sacking Twine.** In bundles of 12 lbs. Lb. 30 cts., 40 cts. and 50 cts., according to grade.

**Scythes and Snaths.** \$1.75.

**Shovels.** Short D-handled. 75 cts. to \$1.25.

**Shovels.** Long-handled, \$1 to \$1.75.

**Spades.** Boys' or ladies' small. 50 cts.

**Spades.** Best makes, full size, D-handled. \$1 to \$1.75.

**Sprinkler, Scollay's Rubber.** Indispensable for floral work and window gardening; also very useful for dampening clothes or sprinkling in any way. In sizes, 60 cts., 75 cts., 90 cts., and \$1.

**Sprinkling Cans.** Galvanized. 4-qt., 50 cts.; 6-qt., 75 cts.; 8-qt., 90 cts.; 10-qt., \$1.

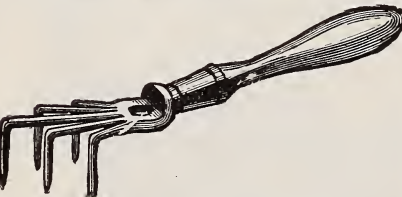
**"Common Sense" Watering Pots.** 2-qt., 85 cts.; 4-qt., \$1.10; 6-qt., \$1.35.



GARDEN TROWEL

**Thermometers.** We carry a full line of household, greenhouse, dairy and incubator thermometers. Prices on application.

**Cahoon Seed Sower.** The standard sower, acknowledged superior to all other hand sowers. Gives perfect satisfaction and can be used for sowing alfalfa and all grains broadcast. Sows from four to eight acres per hour at a common walking gait. A saving of four-fifths of the labor and one-third of the seed is effected by its use. A



EXCELSIOR WEEDER

person entirely unused to sowing by hand can use this machine with perfect success. \$3.50.

**Lifting Weeder.** A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. 75 cts. each.

**Weeders, Hand.** "Excelsior." Useful for weeding seed-beds, stirring the soil, etc. 10 cts.

**Weeders, Hand.** "Havil's Lawn." The best tool for weeding lawns; will take out dandelion and other deep-rooted weeds. 35 cts.



HAZELTINE WEEDER



LIFTING WEEDER

**MISCELLANEOUS TOOLS AND GARDEN REQUISITES, Continued**

- Weeders, Hand. "Hazeltime." One of the best; solid steel, good size and durable. 35 cts.
- Traps, Gopher. "Dead-Lock," 35 cts. "Star," 25 cts. "Ward's Novelty," 35 cts.
- Traps, Mole. "Olmstead's," sure death to moles, \$2. "The Reddick," 85 cts.
- Mole Trap Spear. Each \$1.
- Trowels, Garden. American, 6-in. tinned, 10 cts.; 7-in. 20 cts. Same, steel, 35 cts.
- Trowels, Garden. English, shank and blade solid steel, 6-in., straight or crooked shank, 60 cts.
- Turf Edger. With handle; used for trimming edges of lawns, 75 cts.

**HORTICULTURAL CUTLERY**

- Knives, Budding. English and German Imported, 50 cts. to \$1.50.
- Knives, Corn. 18-in. blades, kris-shaped, 50 cts.
- Knives, Flower-Gatherers. A bar on the blade holds the stem of the flower after cutting. \$1 to \$1.50.



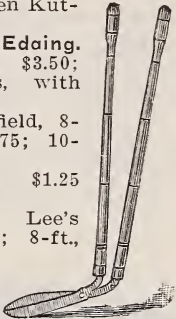
POTATO KNIFE

- Knives, Potato. Humphrey's, concaved and curved, 15 cts.
- Knives, Pruning. German Imported (Henckel's) and American makes, 50 cts. to \$1.75.
- Orange Clippers. 35 cts. and 60 cts.
- Saws, Pruning. Brown's 16-in. 75 cts. Disston's Crescent, with upward cut, 12-in. and 14-in., 75 cts. "Keen Kutter," double edge, 15-in., \$1.



HEDGE SHEARS

- Shears, Border or Edging. 9-in. long handles, \$3.50; 9-in. long handles, with wheels, \$4.
- Shears, Hedge. Sheffield, 8-in., \$1.50; 9-in., \$1.75; 10-in., \$2.
- Shears, Tree-logging. \$1.25 to \$2.50.
- Shears, Tree-pruning. Lee's Telegraph, 6-ft., \$1; 8-ft., \$1.15; 10-ft., \$1.25.
- Shears, Pruning. Small, for ladies' use; made of fine steel, nickel-plated, in 3 sizes, 80 cts., \$1 and \$1.25.



BORDER SHEARS



PRUNING SHEARS

- Shears, Pruning. Henckel's German Imported. \$1 to \$3.50.
- We wish to call special attention to the shears which we term **Our Special**, a Henckel shear, unsurpassed by any other article on the market, \$3.50.

- Shears, Grass. American, cranked handle, 6-in. blades, 50 cts. English, cranked handled, \$1.

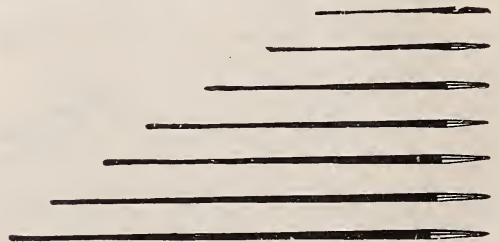
**ORNAMENTAL VASES**

Ornamental Vases. For lawns and walks nothing can equal them for beauty and effect. Made of malleable iron and moulded in beau-

tiful designs; makes an elegant display and lends an added charm to a place which would look otherwise incomplete. Write for prices.



**PLANT STAKES AND LABELS**



**PLANT STAKES**

Round, painted green and smoothly turned.

	Per Doz.	100
2 feet, light.....	\$0 35	\$2 25
3 feet, light.....	50	3 75
4 feet, light.....	75	5 50
3 feet, heavy.....	85	6 50
4 feet, heavy.....	1 25	8 00
5 feet, heavy.....	1 50	12 00
6 feet, heavy.....	2 00	15 00

**LABELS**

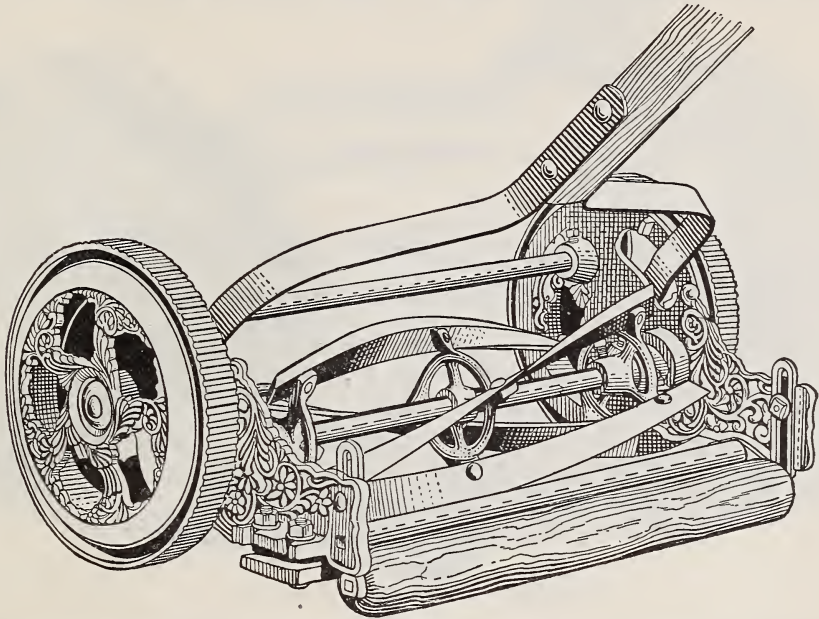
	Per 100
4-in. Wooden pot.....	\$0 15
5-in. Wooden pot.....	20

## LAWN MOWERS

We are the largest retail dealers and keep the best assortment of first-class lawn mowers in the city.

### OUR SPECIAL

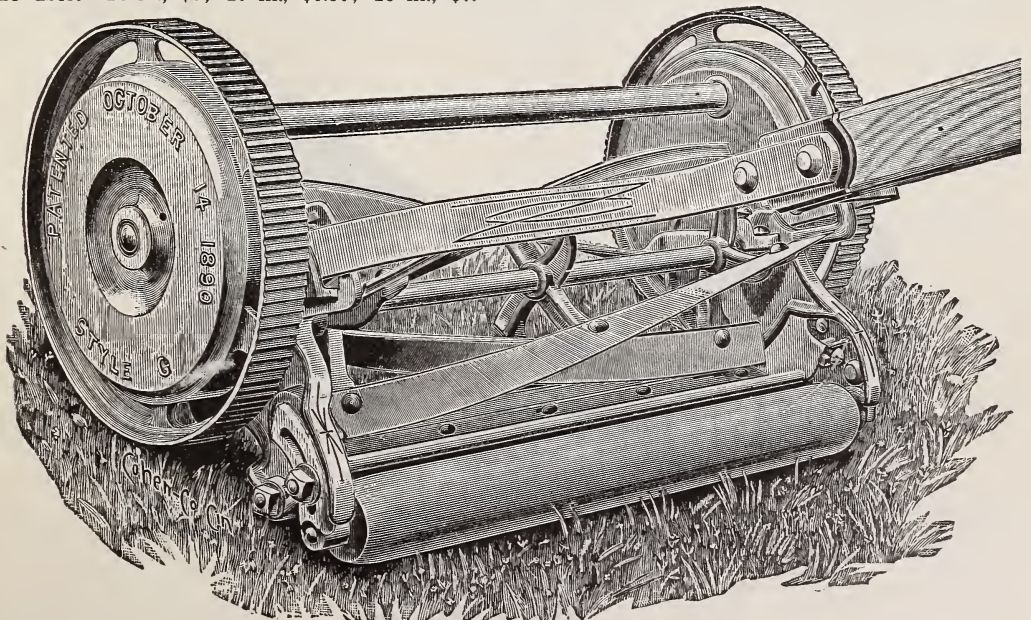
This machine is made expressly for us; parallel bearing, drive wheels 8 inches, reel 6 inches, revolving cutters have four blades of highest grade crucible steel, self-sharpening and continuous cut, made by Disston Saw Company; noiseless in operation. 12-in., \$5; 14-in., \$5.50; 16-in., \$6.



OUR SPECIAL LAWN MOWER

### THE HENLEY HIGH WHEEL

This is a first-class mower in every respect, the material and workmanship are of the very best, and the machine is designed for cutting thick, heavy or high grass. The drive-wheels are 9½ inches in diameter, and the handle of the machine is adjustable to suit the height of the user. 14-in., \$6; 16-in., \$6.50; 18-in., \$7.



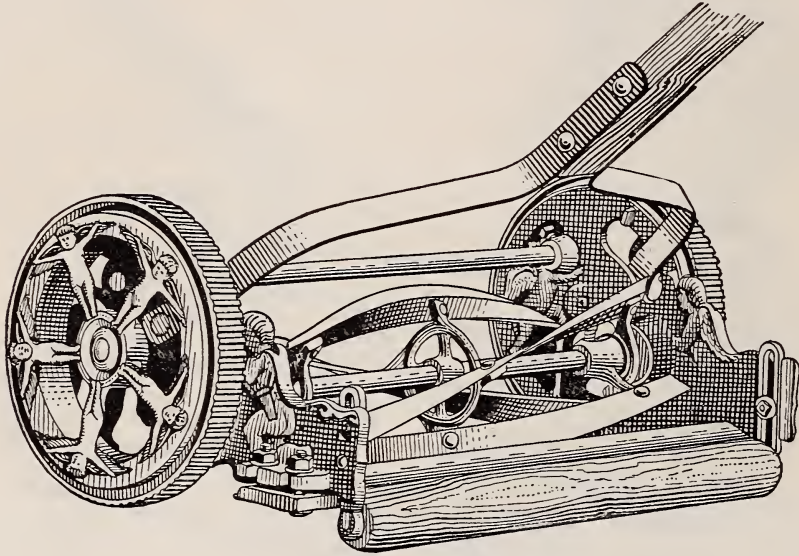
THE HENLEY HIGH WHEEL LAWN MOWER

### LAWN MOWERS, Continued

#### CLEAN CUTTER

For a number of years we have been trying to purchase from a reliable lawn mower company a first-class four-blade, 14-inch, ball-bearing lawn mower that we could recommend and sell for \$5, but were unable to find it. Therefore we had to make a contract with a

lawn mower company to manufacture a number of mowers according to our ideas. An 8 3/4-in. wheel, four blades, self-sharpening, crucible steel, oil-tempered, made by Disston Saw Company, of Philadelphia, ball-bearing parts made of solid cone steel, thoroughly hardened and ground, dust-proof, beautifully finished in aluminum and gold. 14-in., \$5.



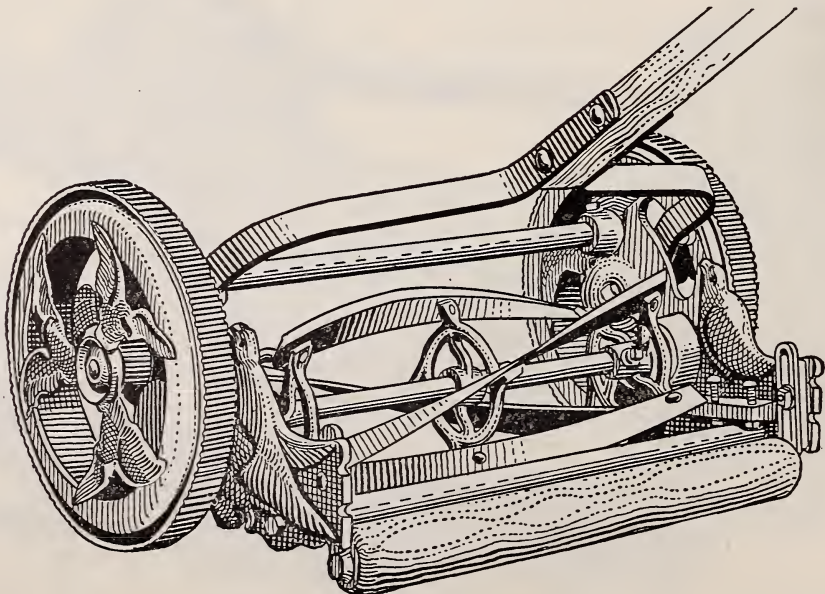
CLEAN CUTTER BALL BEARING

#### THE CLOVER LEAF

There is a great demand for a good, low-priced lawn mower. This machine is specially designed for this popular trade. 12-in., \$3; 14-in., \$3.50; 16-in., \$4.

#### THE HENLEY HIGH WHEEL BALL-BEARING

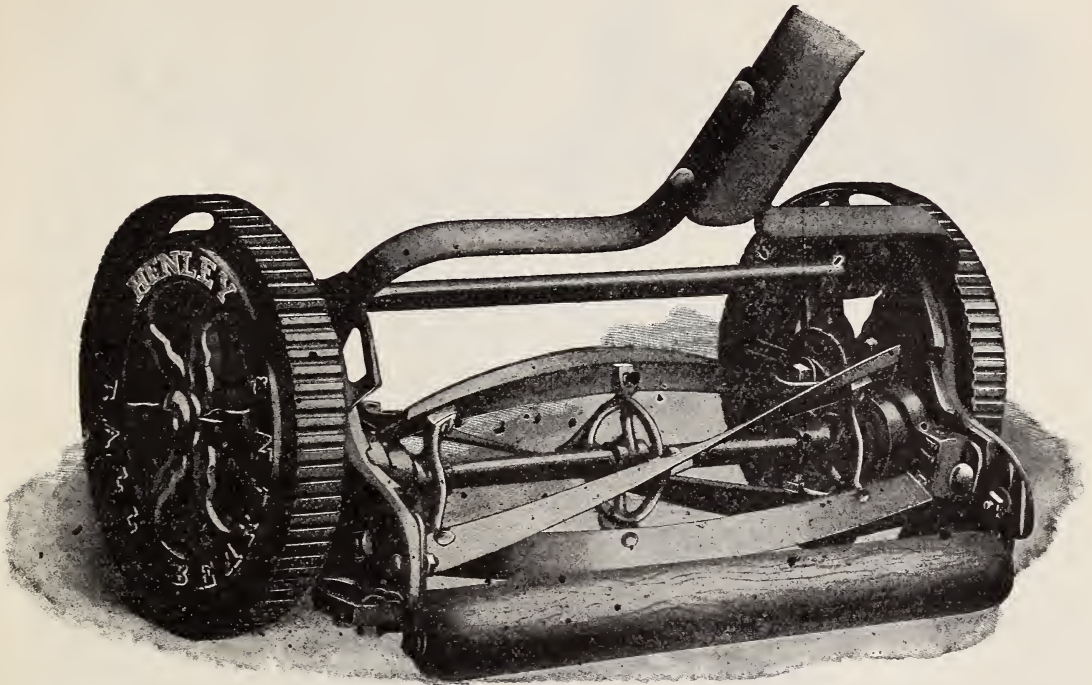
The axles of the revolving cutter, like axles of a bicycle, work in ball-bearing cups. 14-in., \$7.50; 16-in., \$8.50; 18-in., \$9.50; 20-in., \$10.50.



LIBERTY BALL BEARING



LAWN MOWERS, Continued



HENLEY HIGH WHEEL BALL BEARING

Liberty Ball-bearing

A strictly new and attractive design for 1907. Highest grade ball-bearing parts made of solid cone steel, thoroughly hardened and ground; dust-proof. Drive wheels 10 inches in diameter with open decorative effect, the rim of wheels being supported by the tips of eagle wings. Four blades highest grade, self-sharpening crucible steel; screw adjustments; noiseless in operation. Finished in aluminum and gold; decorations red and blue. 14-in., \$7; 16-in., \$8.

HUNN'S AUTOMATIC CANVAS GRASS CATCHER

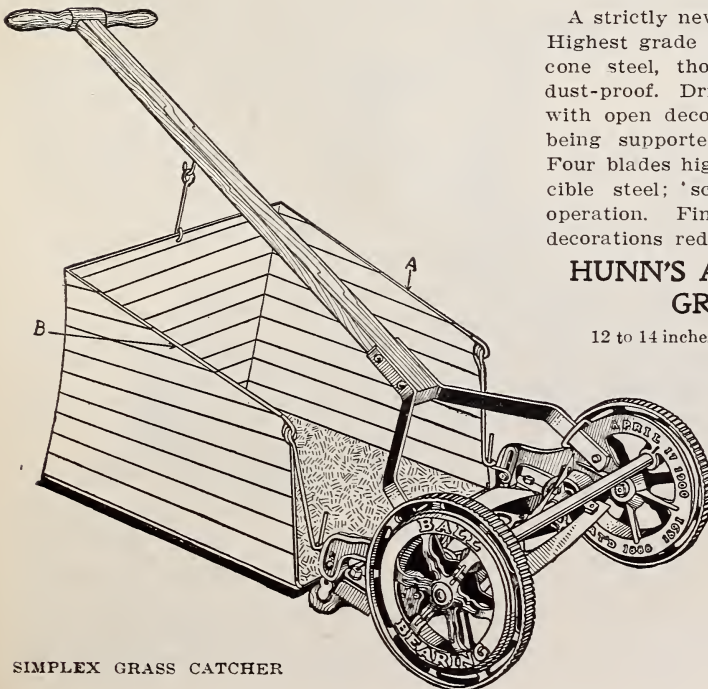
12 to 14 inches, 60 cts. 16 to 18 inches, 75 cts.

GRASS CATCHER, HENLEY SIMPLEX

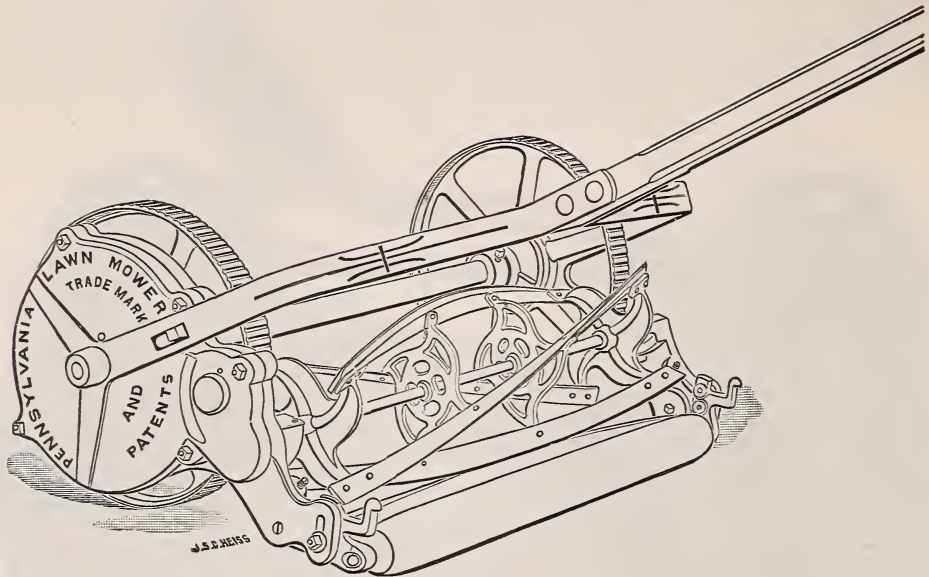
This grass catcher is light and substantial. Steel bottom. \$1.

GRASS CATCHER, EASY EMPTYING

One of the best catchers. No. 1, 16-in. to 20-in., \$1.35; No. 2, 12-in. to 16-in., \$1.25.



SIMPLEX GRASS CATCHER



## Pennsylvania Lawn Mowers

### Reasons Why They Are Best

The use of high grade crucible steel and the tempering of each blade is only done by the manufacturers of this mower.

Having originated the Open Cylinder, the Open Wheel, the train of gears, the Self-Sharpener mower and the first ball-bearing mowers, the manufacturers have proved the superiority of their mechanical equipment.

### COST

These machines cost the user less than any other for repairs and resharpening; and their long life reduces the original price to a merely nominal yearly amount.

### PENNSYLVANIA HIGH WHEEL

Ten-inch wheels, four blade cylinder—especially adapted for lawns that cannot be mowed very often or where the grass is coarse. The driving wheels may drop into a rut, but before the knives reach it the wheels are out again and the grass is cut smoothly because the wheels and roller span the rut.

Price: 15-in. cut, \$13; 17-in. cut, \$14; 19-in. cut, \$15.00.

### JUNIOR BALL-BEARING

Pennsylvania Mowers have stood the test for thirty years, and while the patterns have been imitated and the claim put forth that this and the other machine was just as good as the Pennsylvania, the quality has not been approached by any other make. The Pennsylvania Junior is the best known mower for all class of work—will last longer and do more

work with less labor than any machine in existence. 8-in. wheels, 5½-in. five blade cylinder.

Price: 15-in. cut, \$14.50; 17-in. cut, \$16.00; 19-in. cut, \$17.00.

The construction of the Dead Knife makes it self-sharpening until the knife is entirely worn out. Double train of gears.

Mowers using a train of gears run more easily and steadily by reason of their greater length of wheel base. The driving wheels may drop into a rut, but before the knives reach it the wheels are out again and the grass is cut smooth because the wheels and roller span the rut. There is additional advantage of a better distribution of wear and tear and increased power and speed.

For thirty years unrivalled for service, strength and light running.

### LOW WHEEL

This mower is the "old standby" of the professional gardener—it is generally called the low wheel Pennsylvania.

Price: 12-in. cut, \$8; 14-in. cut, \$9; 16-in. cut, \$9.50; 18-in. cut, \$10.50.

### BRAUN GRASS CATCHER

Canvas sides, galvanized bottom that will not sag. Supported by truss rods not attached to handle.

Instantly detached or can be emptied by dumping forward.

These catchers fit all Pennsylvania Lawn Mowers. They can also be attached to Keen Kutter Mowers and Great American Ballbearing. Each \$2 to \$2.25.

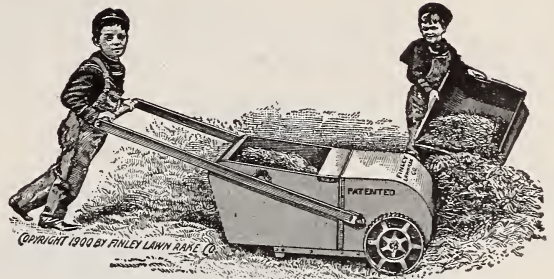
## GRASS CATCHER, KEEN KLIPPER

Made of canvas with extra wire rod in bottom which prevents the canvas from creasing; adjustable to 12-, 14- and 16-in. mowers. 85 cts.

## THE FINLEY ROTARY LAWN RAKE

(We are sole agents for California, Arizona and New and Old Mexico.)

Everyone who has ever raked a lawn knows what a slow, hard, tedious job it is, and how unsatisfactory it is when done; for the rake will always miss some grass, leaves or other rubbish. The machine is constructed throughout of the best material and is so easy to push that a child can operate it. Simple and strong in construction, durable, with no intricate parts, it is the very acme of perfection as a rake, and will, when once generally introduced, be as indispensable as the lawn mower has become. In two sizes, 14-in., \$12.50; 20-in., \$15; delivered free anywhere in California.



THE FINLEY ROTARY LAWN RAKE

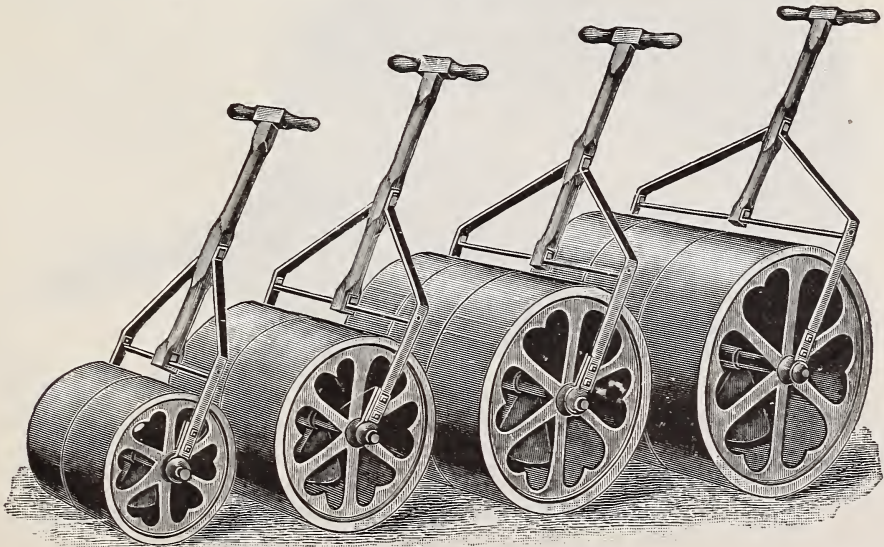
## THE BOSS ROLLER HEART DESIGN

Patented February 12 and 19, 1901

The only high-grade lawn roller on the market having a perfectly smooth face and a silver finish. The cylinders revolve on steel axles and fit neatly. The outer edges are beveled, thus greatly facilitating the operation of the roller. The cylinders are so geared that, when turning, one of the rollers remains in place while the other revolves, enabling the operator to work in small spaces and turn without danger of tearing up lawn or soil.

These rollers are balanced with a heavy weight attached to the axle, which not only keeps them perfectly level, but holds the handles in an erect position when not in use. The handles are of a new design and well braced, which makes them rigid, durable and extremely neat in appearance. We do not hesitate to say that the **Boss Roller, Heart Design**, as illustrated here, is not only the handsomest roller in the world, but the most durable and best-made roller on the market.

Nothing enhances the value and appearance of a house, whether it be a cottage or a mansion, more than a well-kept lawn, and next in importance to preparing and seeding the soil, is rolling. All lawns should be mown often and and rolled frequently, if a good, even sward is desired. The benefit derived from the use of a roller on the lawn, especially in the spring, is not fully understood. The action of cold weather and rains causes the soil to heave, and if not firmly pressed back with a roller before the hot weather begins, the grass is liable to be killed or injured, leaving the lawn full of bare spots.

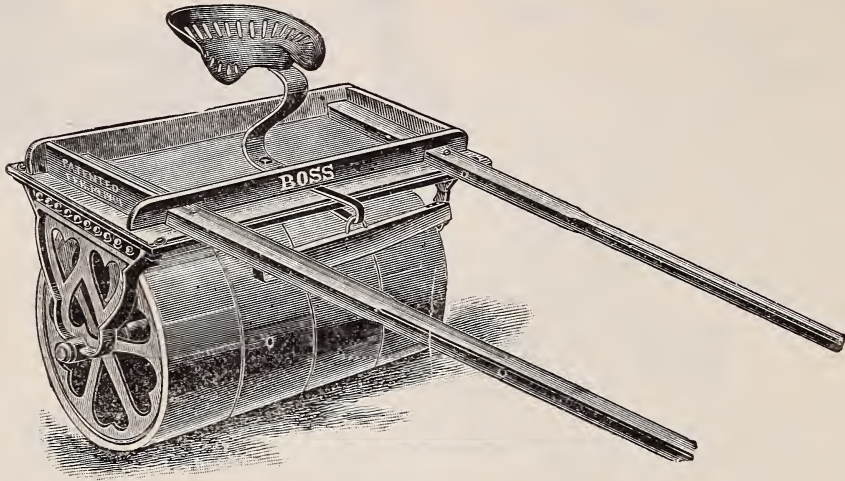


- No. 1.—15 inches in diameter, 15 inches long, in two sections, 7½-inch face, 150 lbs. weight, \$14
- No. 4.—20 inches in diameter, 20 inches long, in two sections, 10-inch face, 250 lbs. weight, \$20
- No. 9.—24 inches in diameter, 20 inches long, in two sections, 10-inch face, 400 lbs. weight, \$30
- \*No. 20.—20 inches in diameter, 20 inches long, in two sections, 10-inch face, 300 lbs. weight, \$28
- No. 15.—28 inches in diameter, 30 inches long, in three sections, 10-inch face, 600 lbs. weight, \$40

Horse Lawn Rollers from \$75 to \$95.  
 \*No. 20 is fitted with a weight box which can be loaded up to 500 pounds if necessary. These weight boxes can be furnished for other sizes, if wanted, at an additional cost.

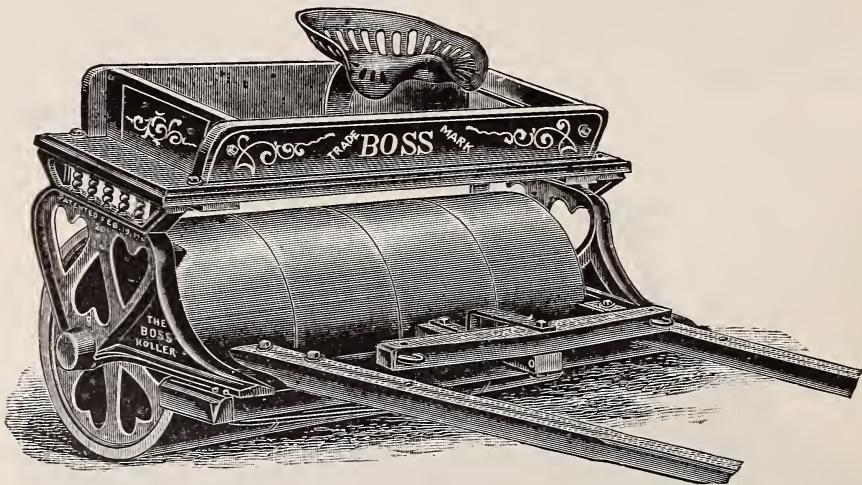
### BOSS ROLLERS, *Continued*

If your lawn is not large enough and you do not feel you can afford to buy a roller, just get one or two of your neighbors interested and purchase one between you. Your lawn needs it.



No. 41.—24 inches in diameter, 40 inches long, in four sections, 10-inch face, 800 lbs. weight, \$70

This style roller is especially adapted for use on extensive lawns, where a heavy roller is wanted; also for golf links. Outer edges beveled, face silver-finished. Woodwork handsomely painted and striped. The platform box can be loaded with stones to increase weight as desired.



No. 65.—28 inches in diameter, 4 feet long, in four sections, 12-inch face, 1,350 lbs. weight, \$95

Extra-large two-horse rollers for heavy work can be supplied. Prices on application.

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*Sole agents for California*

## GERMAIN SEED COMPANY

326-330 South Main Street, LOS ANGELES, CAL.

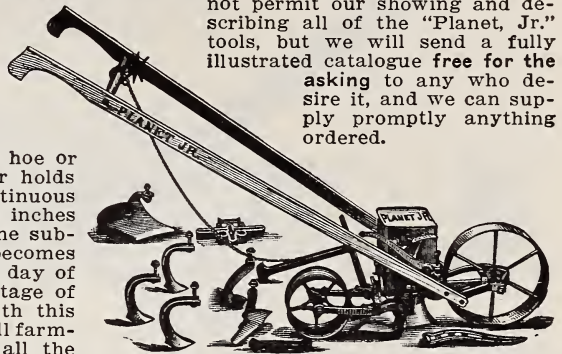
 *The Trade Supplied*

## "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 the most practical and labor-saving in the garden that have yet been invented. Space will not permit our showing and describing all of the "Planet, Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered.

### "Planet Jr." No. 4 Combined Seed Drill, Single Wheel Hoe, Cultivator and Plow

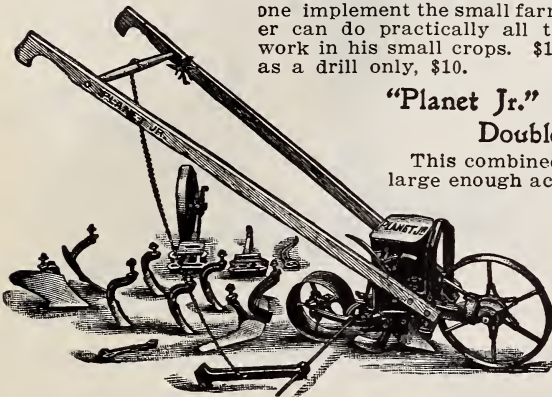
This is the most popular combined tool made. It combines, in a single implement, a first-class hill-dropping seeder, a single wheel hoe or weeder, a cultivator and a plow. The hopper holds two quarts of seed, which can be sown in continuous rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe. It is useful almost every day of the season, at every stage of the garden work. With this one implement the small farmer can do practically all the work in his small crops. \$12; as a drill only, \$10.



NO. 4 COMBINED SEED DRILL

### "Planet Jr." No. 25 Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

This combined machine is intended for gardeners who have a large enough acreage in crops for a double wheel hoe to be used to good advantage, and prefer not to buy separate machines. As a drill it is almost identical with the "Planet Jr." No. 4 Drill, and is thoroughly substantial and accurate in sowing all kinds of garden seeds in hills or drills. As a wheel hoe it is identical with the "Planet Jr." No. 12, Double Wheel Hoe, the very best machine on the market. The change from wheel to drill hoe takes but a moment, and the whole combination is one that we can heartily recommend and guarantee satisfactory. Price, \$14.50.



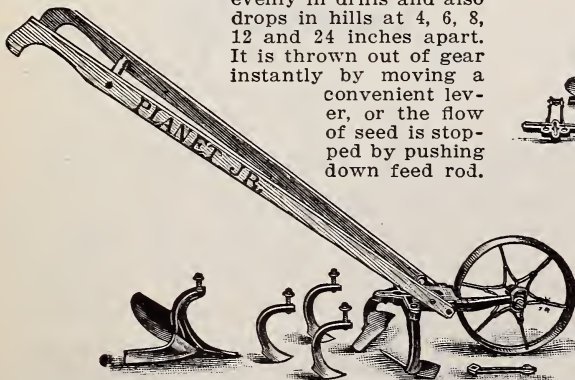
NO. 25 COMBINED HILL AND DRILL SEEDER

### "Planet Jr." No. 17 Single Wheel Hoe, Cultivator and Plow

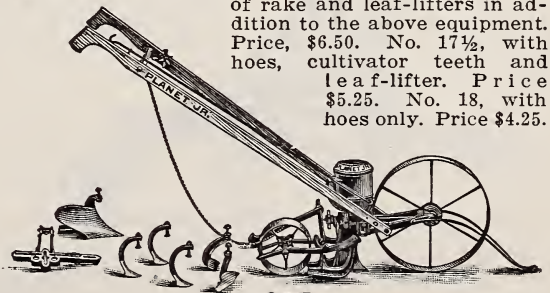
For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of this No. 17 Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow, and a set of cultivator teeth, an outfit sufficient for most garden work. Price, \$5.75.

### "Planet Jr." No. 6, Hill and Drill Seeder and Single Wheel Hoe

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills and also drops in hills at 4, 6, 8, 12 and 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down feed rod.



NO. 17 SINGLE WHEEL HOE



NO. 6 COMBINED HILL AND DRILL SEEDER

No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seeds, in the exact thickness required. The accurate hill-dropping drill, which gives a regular stand of plants with the least seed, saves its cost over and over again in seed alone. As a wheel hoe it is like No. 17, but has a higher wheel. Price, complete, \$14.50; as a drill only, \$12; as a wheel hoe, \$7.

**"Planet Jr." No. 12 Double Wheel Hoe, Cultivator and Plow**



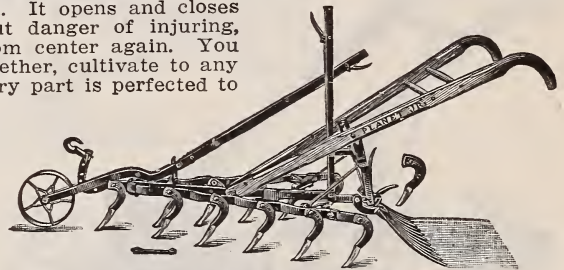
NO. 12 DOUBLE-WHEEL HOE

Two acres a day can easily be worked with this implement, and when it is done it will be a better job than three men could have done in the same time with hand hoes. The No. 12 runs either astride or between the rows; kills all the weeds and leaves the earth in fine shape. Then, too, it's so easy to work; 12-year-old girls work gardens with them with ease and success. The No. 12 has a pair of 6-inch hoes, a pair of plows for opening or covering, and a set of four all-steel cultivator teeth. Price, \$7.85.

**"Planet Jr." Farm and Garden Tools**

**"Planet Jr." No. 8 Horse Hoe and Cultivator**

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle. You can do almost anything you want with it in the garden or field. It opens and closes furrows, hoes right up to the plants without danger of injuring, throws dirt to or from the row and back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width. Every part is perfected to make the tool acceptable to the intelligent farmer, who knows the best is always the cheapest. Price, \$10.50. Without depth regulator (order as No. 7), \$10.



12-TOOTH HARROW, CULTIVATOR AND PULVERIZER

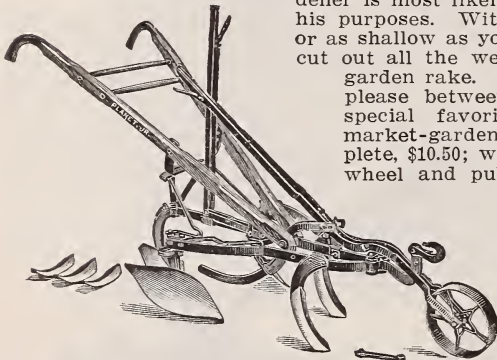
preferred in most sections. For very narrow rows, the outside teeth and standards may be removed from the frame. Price, \$6.65.

**"Planet Jr." No. 4 Plain Cultivator**

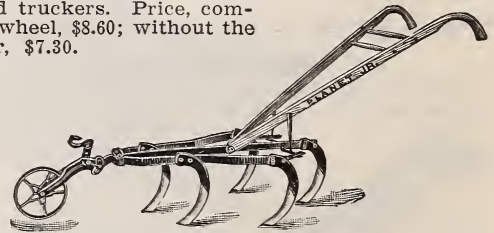
It is a light and very strong tool, having our improved patent hollow steel standards, our parallel and extra-high steel frame and new patent handle braces. It is used either with or without a wheel, the wheel being

**"Planet Jr." 12-Tooth Harrow, Cultivator and Pulverizer**

Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adapted to his purposes. With the 12-tooth harrow here shown, you go as deep or as shallow as you like, come up close to row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It is a special favorite with strawberry-growers, market-gardeners and truckers. Price, complete, \$10.50; without wheel, \$8.60; without the wheel and pulverizer, \$7.30.



NO. 8 HORSE HOE AND CULTIVATOR



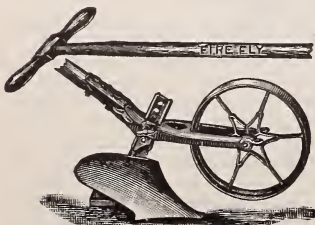
NO. 4 PLAIN CULTIVATOR

**THE FIRE-FLY GARDEN PLOW**

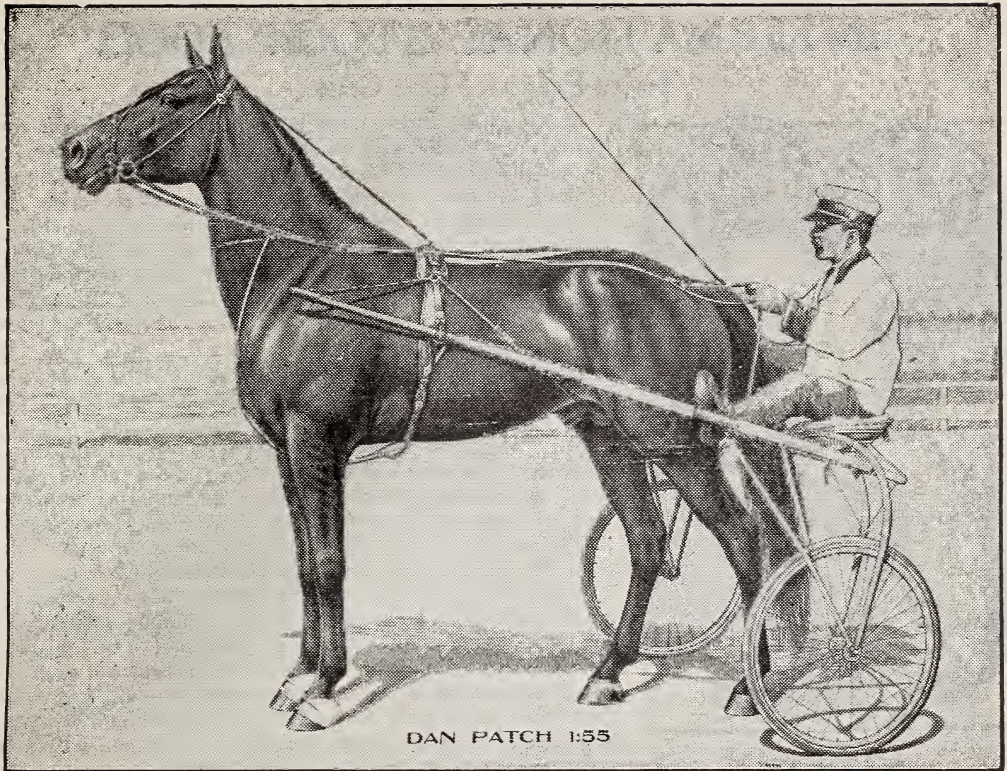
This tool is most useful to owners of small gardens. It will throw a furrow 4 to 6 inches wide, and 1 to 3 inches deep. The furrows for manure or seeds can be opened and covered. In cultivating, plow away weed, and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden.

Chicken-raisers find it of great advantage in plowing up their scratching-yards. Price, \$3.

We wish to impress upon our readers, especially market-gardeners and those having small farms, the fact that "Planet Jr." tools are great labor-savers and pay for themselves many times over in a single season.



FIRE-FLY GARDEN PLOW



DAN PATCH 1:55. Champion Harness Horse of the World

OWNED BY  
**INTERNATIONAL STOCK FOOD CO.**

And fed every day on International Stock Food

It is with great pleasure that we are able to announce to our customers this season that we have secured the agency for California and Arizona, for the world-famed International Poultry and Stock Foods and Remedies.

To give our customers some idea of the vast amount of business transacted by the International Stock Food Co., we can inform them that they employ an office force of nearly 250 people, and have a corps of 150 typewriters on one floor.

In addition, the International Stock Food Co. owns an immense stock farm of 750 acres, known as the International Stock Food Farm, where can be seen some of the finest horses in the world, including Dan Patch 1:55, Cresceus 2:02¼, Directum 2:05¼, Roy Wilkes 2:06½, Arion 2:07¾, and many others, all world champions and owned by the International Stock Food Co. These horses are all fed International Stock Food every day.

International Stock Foods and Remedies are goods that have proven their value, and are endorsed by many of the leading chemists and veterinary doctors of the world. Reason it out yourself. If the International Stock Foods and Remedies were not the very best manufactured, it would be the height of folly to use them in connection with such valuable horses as mentioned.

Mr. M. W. Savage, proprietor of the International Stock Food Co., was offered and refused, the enormous sum of \$180,000 for Dan Patch alone.

Remember, that all goods manufactured by the International Stock Food Co. are sold on a **Spot Cash Guarantee**. Money refunded by the factory if they do not do all that is claimed for them. Read their guarantee printed on every package.

**HOW INTERNATIONAL FOOD HELPED DAN**

Dan Patch has established nine world's records since his purchase by Mr. Savage, which speaks volumes for the merits of International Stock Food. Mr. Savage purchased Dan Patch December 8, 1902, for \$60,000, his best record up to that time being 1:59¼. Following are his performances up to date, demonstrating, beyond the shadow of a doubt, the value of International Stock Food when fed to racing stock: Memphis, Tenn., Oct. 29, 1903, paced a mile in 1:56¼; Memphis, Oct. 26, paced a mile in 1:56; Lexington, Ky., Oct. 7, 1905, paced a mile in 1:55¼; Hamline, Minn., Sept. 8, 1906, paced a mile in 1:55. The first quarter of last mile at Hamline was paced in .28½; the half in .57; the three-quarters in 1.26¼. His quarters were paced in this trial as follows: First quarter, 28½; second quarter, 28½; third quarter, 29¼; fourth quarter, 28¾.

# INTERNATIONAL STOCK FOOD

## Three Feeds for One Cent



International Stock Food is prepared by a regular manufacturing chemist and stock-breeder, and is guaranteed to be equally good for all kinds of live stock, and to contain nothing harmful, even if taken into the human system. It is prepared from roots, herbs, barks and seeds. It cures and prevents diseases, saves pain by aiding digestion and assimilation, purifies the blood and gives renewed life, greater strength and makes stock fat, sleek and glossy. It has the largest sale in the world for horses, cattle, sheep, colts, calves, lambs and pigs.

The usual medicated "Foods" will cost you from 1 to 3 cts. per feed, while the International Stock Food has 3 feeds for 1 ct.

Owing to a very superior vegetable medication, our small-feed will give just as good results and, in many cases, much better results than the large feed of other kinds. In view of these facts, International Stock Food is cheaper for you to use at \$14 per 100 lbs. than some other kinds would be at \$5 to \$7 per 100 lbs. Any intelligent man knows that it is the medicine in an article of this kind that gives the good results. A large package for a small amount must contain a very small amount of medicine. Pure medicine ingredients cost money, and anyone putting out standard goods cannot afford to use adulterated ingredients, which they must do if they make very low-priced goods. When you compare cost per pound, number of feeds per pound, and

results, International Stock Food is by far the cheapest and best. Put up in 25-cent, 50-cent and \$1 packages; also in 25-pound water-tight pails, which retail at \$3.50 each.

In ordering a 25c Pkg. of International Stock Food by mail add 30c for postage

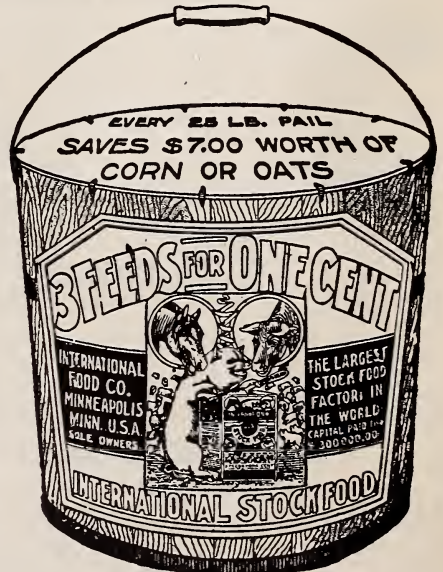
IT IS NOT WHAT AN ANIMAL EATS, BUT WHAT IS THOROUGHLY DIGESTED THAT RESULTS IN VIGOROUS LIFE and INCREASED FLESH

### FARM HORSES

Many farmers lose a good deal of money by allowing their horses to run down or by not keeping them strong and vigorous. Any farm team will do more work and on less feed if International Stock Food is fed regularly. It purifies the blood, gives good digestion and perfect assimilation, keeps them healthy, strong and vigorous. Saves more than enough grain to pay cost of using. Four quarts of grain per feed, and the regular feed of International Stock Food will keep your horse in better condition than five quarts of grain without International Stock Food.

### DAIRYMEN

International Stock Food is the safest and best condiment you can use for your cows. It will increase the supply of milk in proportion to the condition of the cow. If she is run down, it often doubles the supply of milk in a short time. No dairyman can afford not to feed his cows International Stock Food, especially at some seasons of the year. It will keep his cows healthy and increase his profits by largely increasing the supply.



### \$1000 CASH GUARANTEE

\$1000 will be paid to anyone proving that we use poisonous or injurious ingredients. INTERNATIONAL STOCK FOOD CO., Minneapolis, Minn.



# INTERNATIONAL POULTRY FOOD

A Medicated Poultry Food which gives the most remarkable results ever known and is the largest seller. It prevents disease; it cures the Chicken Cholera; it greatly increases the egg production, and it makes the chickens grow very rapidly.

## REMARKABLE CASH GUARANTEE

(Printed on every label.)

Buy, pay for and use one 25-cent box, or one 50-cent box, or one \$1-size box of International Poultry Food, as directed; and if it fails to fulfill our claims, write to our office and we will refund your money. We will pay any one \$100 in cash if we ever refuse to live up to this agreement.

INTERNATIONAL FOOD COMPANY,  
Minneapolis, Minnesota.

## THE WONDERFUL EGG PRODUCER

The great production of eggs has given International Poultry Food a wonderful reputation throughout every state. We guarantee that it cannot be fed to hens at any time, winter or summer, without showing a large increase in eggs. You do not have to use the food at an extra expense, because it will make you more money after deducting its cost. One extra egg per month will pay the entire cost of feeding it and often more than doubles the supply. It contains no poisonous or injurious ingredients and has very superior merits.

In ordering a 25c Package of International Poultry Food by mail, add 30c for postage.

## GIVES A GLOSSY PLUMAGE

It prevents sickness, promotes good health, causes young chicks to grow very rapidly, invigorates the digestive organs, supplies material for bone, muscle and feathers, and is very beneficial during moulting season. It invigorates the egg-producing organs and hens will lay more and longer. It will prepare your chickens for market more rapidly than any other preparation and has been used for years by prominent chicken-breeders.

## THE CHEAPEST TO USE

Costs only 8 cts. per month to feed it to 12 fowls

Our 25-cent box contains 100 feeds for 12 fowls. Our \$1-size box contains 400 feeds for 12 fowls. You cannot afford to pay 25 cts. per box for some other kinds that contain only 25 feeds. 100 feeds for 25 cts. is certainly very much cheaper than 25 feeds for 25 cts. We save you 75 feeds over other kinds.

Do not wait until your live-stock is sick to purchase International remedies. Begin now. "An ounce of prevention is worth a pound of cure."

# International Poultry and Stock Remedies

## INTERNATIONAL LOUSE-KILLER.

Is guaranteed to quickly kill lice, fleas, etc., and it will not hurt the hens. It is a dry powder and put up in a regular sifting box with tin cover, which makes it very easy to use. The box is extra large, but retails for 25 cts., and is the cheapest and most reliable. Refuse imitations and inferior substitutes.

## INTERNATIONAL PHENO CHLORA

Is a very reliable disinfectant and germicide. One 50-cent can makes 25 gallons ready for use. This makes one of the cheapest and best disinfectants. It is demanded in many household uses, as well as around horses, cattle, sheep, hogs and poultry. It is also put up in \$1-size cans.

## INTERNATIONAL WORM POWDER

It is prepared from the purest vegetable vermifuge known to medical science. It is not only a sure cure but also absolutely harmless in any after-effects. If your horse has worms, this remedy will cause them to be expelled, and keep them out of the stomach and bowels. Retails for 50 cts. per box.

## INTERNATIONAL ROUP CURE

Guaranteed to cure Roup if taken in time, and as a preventative is a great success. Don't wait until your chickens are all afflicted with Roup, but have a box of "International Roup Cure" on hand and use it occasionally in their drinking water, according to directions. Price, postpaid, 50 cts.

## INTERNATIONAL CHOLERA CURE

A preventative and cure for Chicken Cholera. Price, 25 cts. per bottle; by mail, 5 cts. extra.

## INTERNATIONAL GALL CURE

Is an article of remarkable merit, and its immense sale is rapidly increasing. As in all other preparations, we use the best grade of ingredients we can buy. International Gall Cure is guaranteed to cure your horses while they are working. It is put up in 25-cent and 50-cent boxes.

## INTERNATIONAL LOUSE PAINT

A guaranteed Louse Killer that positively does the work. An undiluted preparation for the destruction and eradication of all insect life injurious to poultry, and far superior in its work to many so-called louse paints and killers which flood the market. Complete directions for use on every can. Put up in 1 quart cans, 35 cts.; ½ gal. cans, 60 cts.; 1 gal. cans, \$1.

## SILVER PINE HEALING OIL

This is the greatest healer ever known to the medical world. As a cure for barb wire cuts it has never been equaled. It is soothing, purifies the wound, prevents taking cold and heals rapidly. It is equally good for human use. Put up in 25-cent and 50-cent bottles.

## INTERNATIONAL HEAVE CURE

A positively guaranteed remedy for Heaves, Asthma, Broken Wind, Coughs, etc. The International Stock Food Co. will refund your money if your horse is not cured or benefited by the use of one box as directed. The formula for this Heave Cure was bought from a prominent Veterinary Surgeon who, after eighteen years of test found it to be the only reliable remedy for Heaves, Asthma, Broken Wind, etc. Complete directions for use on every package. Price, 50 cts.; sent by mail, 22 cts. extra.

**INTERNATIONAL COLIC CURE**

Guaranteed to cure colic in 10 minutes. International Colic Cure has won a great reputation as a quick colic cure. If it ever fails the use will not cost you a cent, because the manufacturers will refund your money direct from their office. Put up in a large drenching bottle and retails for \$1 per bottle.

**INTERNATIONAL HOOF OINTMENT**

Especially recommended for the treatment of horses' hoofs. Will grow an entire new hoof in a short time. Keeps the hoof soft, tough and elastic. A hard, brittle, contracted hoof will soon ruin your horse. **Guaranteed free from all injurious ingredients.** Price, 1½ lb. tin paid, \$1.

# Kow-Kure For Cows Only

This Famous Remedy has Been Used by Over 500,000 Cow Owners, who Swear by it and call it the Dairyman's Insurance.

We wish to call our customers' special attention to the fact that we are the agents for California and Arizona for Kow-Kure, an article of world-wide reputation.



**PREVENTS ABORTION**

FOR COWS ONLY  
**KOW-KURE**  
PRICE 50 CENTS

In most cases abortion results from a weak system and a run-down condition. This disease affects the cow's fetal membranes, and the fact that the disease germ spreads from one animal to another accounts for the contagious abortion so common in herds where this disease develops, entailing severe loss. It can be stopped with

**KOW-KURE**

a specific remedy for this specific trouble—it positively prevents and cures abortion. It goes directly to the root of the disease, destroys the germ, strengthens the womb, invigorates the system and makes the cow healthy, strong, and able to produce a vigorous calf. A dollar's worth of KOW-KURE has saved many a good cow from the block and made her profitable to her owner. It will do the same for you. If your dealer can not supply you write to us direct. Our booklet, "The Cost of a Lost Cow," is a mine of helpful information for every cow owner. It's free—write for it.

**DAIRY ASSOCIATION CO., Mfrs., LYNDONVILLE, VT., U. S. A.**

## BAG BALM

We recommend Bag Balm for all diseases of udder and teats: Caked Bag, Sore Teats, Bunches, Chapping, Cuts, Inflammation, etc. It makes easy milkers of hard ones, keeps all the parts in a sanitary, healthy condition. Price, 50 cts. By mail 12 cts. extra.

## GRANGE GARGET CURE

We recommend Grange Garget Cure for that disorder so peculiar to cows, the hardening of the udder or garget. Inexperienced people often mistake it for caked bag, bunches in bag, etc. Remember it is a separate disease with its own peculiarities, causes, etc. Twenty-three years' use by dairymen and farmers proves its economy and value. Price, can, enough for 15 cases, 50 cts. By mail, 28 cts. extra.

# Sole Agents for Darling's Animal and Poultry Foods, Chamberlain's and Coulson's Celebrated Egg and Chick Foods

THE PEERS IN THEIR CLASS



## DARLING'S HIGH PROTEIN BEEF SCRAPS

We handle Darling's Scraps exclusively, as we know they are the best by actual test, analyzing 60 to 65 per cent protein, unequaled as a food for ducks and chickens. Our sales the past season were enough to prove that Beef Scraps have come to stay. Every poultryman uses them; he cannot afford to be without them. Better than butcher meat and at one-fourth the cost. Feed at the rate of one pound to every 25 fowls once a day mixed in cornmeal and note the increase in eggs. Lb. 5 cts., 50 lbs. \$2, 100 lbs. \$3.75.

## CHAMBERLAIN'S PERFECT CHICK FOOD

For little chicks as soon as they break through the shell. Being a dry chick food, its advantages are obvious to the poultry-raiser, as it reduces the death rate to a minimum. It is the combination of the best in grains and cereals, etc., blended in the proper ratio and comes nearer to raising 100 per cent of all chicks hatched than any other food on the market. Lb. 5 cts., 50 lb. sack \$2, 100-lb. sack \$3.50.

## SCHILD'S LIGHTNING LICE-KILLING MACHINE

Breeders will appreciate this little contrivance for the eradication of lice and mites from their poultry, as it is economical, effective, easy to operate, does the work quickly and is low in cost. Indeed, it is warranted to do effective work. Sold in three sizes, including ½-pound can of lice powder with each machine. No. 1, \$3; No. 2, \$4; No. 3, \$5.

## COULSON'S EGG FOOD

This is a balanced ration for laying hens and is composed of different ground grains, beef blood and bone meal, other meals and condiments, all thoroughly mixed in the right proportions, and all you have to do is to stir it up with a little water or skim-milk and feed it to the hens the same as any other food. Largely used in Southern California, both by the poultry-raiser and small farmer, because a well-balanced ration calculated to promote health and strong egg production in your laying hens. 90-lb. sack \$2.20.

## GERMAIN'S PURE BLOOD MEAL

Pure Blood Meal, or dried blood, is a great protein-carrier and as an egg-producer it stands high on the list. The grade we offer is especially prepared by a process which eliminates disease germs and other undesirable elements. Our pure blood meal is the best on the market and received special mention from the United States Experiment Station at Berkeley, Cal., on account of the high per cent of protein it contained (76.17) and the small per cent of fat (1.03). When you feed blood meal, be sure it is Germain's. Lb. 5 cts., 50 lbs. \$2, 100 lbs. \$3.50.

## CONKEY'S ROUP CURE

Conkey's Roup Cure is guaranteed by the manufacturers to positively cure roup in all its forms. It is put in the drinking water, and the fowls take their own medicine. It also prevents cold, and is unexcelled for canker in pigeons. One 50-cent package makes 25 gallons of medicine. \$1 package makes 75 gallons of medicine. Prices postpaid: Small package 50 cts., large package \$1.

Write for Special Quotations on Large Quantities.

## DARLING'S CHICK FEED

Darling's Chick Feed is composed of such grains, seeds, meat products, etc., as the experience of thousands of successful poultry-raisers have found necessary for the proper development, etc., of chicks.

A great many of the articles used in the manufacture of Darling's Chick Feed are made by them. Their freshness and purity are guaranteed by Darling & Company. The balance which are the best the market affords are carefully examined before mixing.

No screenings used in Darling's Chick Feed. Only the highest quality of goods used. The terrible death rate with young chicks is due to improper feeding; unused stomachs require special food.

Darling's Chick Feed starts them right. Supplies just what nature requires. Gives you more and better chicks for the same money. Lb. 5 cts., 50 lbs. \$2, 100 lbs. \$3.25.

**Directions:** Throw the chick feed into the cut alfalfa, straw, hay and litter that you may have in the pens, so that the young chicks will be compelled to work for their feed. This forced exercise is beneficial, causing the chicks to grow rapidly.



## California Calfalfa Meal

Green food is to be had every day of the year for your fowls by using Calfalfa Meal, made from pure California alfalfa, finely ground.

Green food is absolutely necessary for poultry. No class of fowls demand it more. Calfalfa Meal is both a green and a protein-food, to be had at all seasons of the year, which insures a continuous production of eggs. Calfalfa Meal when fed to chickens is the great egg-food, promoting vitality, increase in fertility and egg production. In little chicks it furnishes the elements of growth, making bone, blood, muscle and feather; it also prevents disease.

One-half of a bucket of Calfalfa Meal steeped in water makes a pail full of green alfalfa, upon which chicks right out of the shell may be fed. For broilers, mix with grain or grain products. It gives a firm, white meat. In brief, Calfalfa Meal is just what is needed to furnish a variety of feed and to supply muscle-building material. 100-lb. sack, \$1.60. In ton lots, prices on application.

## Granulated Bone for Poultry

Coarse Green or Granulated Bone has long been recognized as an essential in egg production by experienced poultry breeders. Though not so rich in protein as the animal foods, it is nevertheless advisable to use it; it is not only valuable as a shell-maker, but it promotes a strong, and healthy growth of the bones in the growing chicks. The bone we are offering is especially prepared as a poultry food, and is strictly first-class. 100-lb. sack \$2.50.

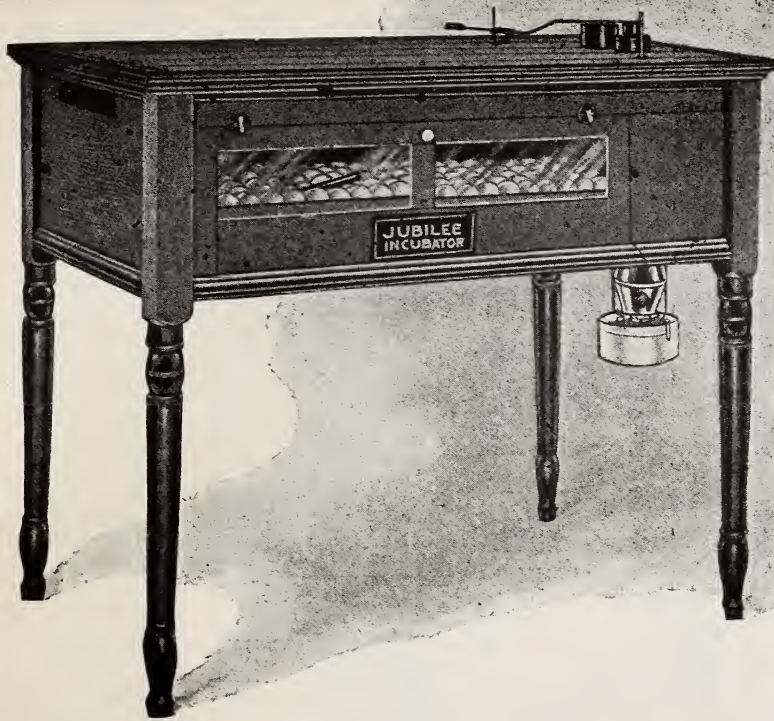
Fine Bone Meal, made from the same stock, only crushed finer, is used mixed in the mash feeds. 100-lb. sack \$2.50.

## Ground Shells and Grits

**Germain's White Crystal Grit.** This grit not only retains its hardness and sharpness to the very last degree, but its composition is such that it acts both as a digester and shell-maker. Three sizes, viz., fine, medium and coarse. 100 lbs. \$1.25.

**Mica Crystal Grit.** This is the oldest and best known grit on the Coast, and is recognized as the standard. It is of Mica formation, and in place of wearing smooth like other grits, it breaks off in flakes, thereby retaining its sharp edges. We carry three sizes, namely, fine for chicks, medium for grown fowl, and coarse for turkeys and ducks. 100-lb. sack \$1.00.

**Clam Shell.** Also made from clean, fresh shells and crushed to suitable size for feeding laying hens. 100 lbs. \$1.



## Jubilee Incubators and Brooders

### The Up-to-date Business Machine of the World

It is made from the best material obtainable by skilled mechanics versed in artificial incubation. It is the product of 25 years' experience. It has replaced machines of every known make. It is most simple and easy to operate. It is adapted to all conditions and climates. It is used on the large poultry ranches. It brings out the strongest and healthiest chicks. It hatches the highest per cent of fertile eggs. No getting up o' nights to regulate and no danger to your property from fire. Write for Jubilee Catalogue. It is free.

#### PRICES OF INCUBATORS

108-egg Jubilee Incubator, 120 lbs.....\$22	324-egg Jubilee Incubator, 200 lbs.....\$40
216-egg Jubilee Incubator, 140 lbs..... 32	504-egg Jubilee Incubator, 260 lbs..... 50

#### PRICES OF SECTIONAL BROODERS

Sectional Outdoor Brooders		Sectional Indoor Brooders	
1-section, 75 chicks, 75 lbs.....\$16		2-section, 100 chicks, 100 lbs.....\$14	
2-section, 150 chicks, 130 lbs..... 20		3-section, 150 chicks, 135 lbs..... 17	
2-section, 225 chicks, 185 lbs..... 25		4-section, 200 chicks, 170 lbs..... 20	

#### USES SEVEN 504-EGG JUBILEES

GERMAIN SEED CO., Los Angeles, Cal.

Gentlemen: I have bought seven 504-egg Jubilee Incubators of you this season, and have used one of the same size and make for the past three years, and can say that the last ones are up to the mark. I have used about a dozen other makes of machines but for convenience, ease of operation and reliability, have never found anything to equal the Jubilee.

Yours respectfully,  
WM. A. GREEN.

#### A HATCH OF 96 STRONG CHICKS.

Gents: In reply to your inquiry as to how I like the Jubilee Incubator, will say that I think it the best. I never saw an incubator before I bought the Jubilee, and out of 100 good eggs in machine, I hatched out 96 strong, healthy chicks, and no cripples.

I believe if a man wants to make a success of the poultry business, he should buy a Jubilee.  
Yours truly,  
WM. TITUS.

2270 Alamo Street.

Los Angeles, Cal.

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