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1910

**Germain**

SEED & PLANT CO.
LOS ANGELES, CAL.

UNSET COLLECTION OF NEW ORCHID FLOWERING SWEET PEAS

See Page 2.
The Germain Seed Co.,
Los Angeles, Calif.

Gentlemen:

The very liberal cash prizes offered by your enterprising firm were duly awarded to the prize garden winners at the commencement exercises held in the school building on the evening of June 23, and we are greatly appreciative.

That the "Venice School Garden" are a grand success—the pride of our citizens, and the point of interest most greatly admired by the thousands of tourists who visit this progressive and beautiful beach city, I attribute in a great measure to the splendid selection, and most of all to the good growing quality of both the flower and garden seed furnished exclusively by your firm.

Sincerely and gratefully,

(Signed) Nellie D. Tyler, Principal.

Venice, Calif., July 6, 1909.

In order to further encourage the School Garden idea we offer the following special SCHOOL GARDEN COLLECTIONS: All orders under this head MUST BE SIGNED BY THE PRINCIPAL or they will not be filled. These seeds are the same quality and varieties as supplied to our regular trade.

6 pkts. Vegetable Seeds "Germain's School Garden Collection" our selection..........................10
12 pkts Vegetable Seeds "Germain's School Garden Collection" our selection.......................25
6 pkts Flower Seeds "Germain's School Garden Collection" our selection..........................15
12 pkts Flower Seeds "Germain's School Garden Collection" our selection.......................25

OUR COVER ILLUSTRATIONS

SWEET PEA:—We particularly draw the attention of all lovers of flowers to our magnificent strain of Sweet Peas as shown on the front cover of this Catalog. They are the Giant Orchid Flowering type grown and harvested with the greatest care, specially for us. To be appreciated they must be seen, as neither the pen nor the Artists' brush can do them full justice.

Ask for our "Sunset Collection" of seven varieties Orchid Flowering Sweet Peas, mailed free, 50c.

CHILIAN WATER-MELON:—We have been making a specialty of this grand melon and by a course of selection have succeeded in obtaining the finest stock ever grown, the fruit weighing 30 to 40 pounds, with thin skin and deep red, crisp and luscious flesh. For either market or home garden our CHILIAN is preeminently THE MELON to grow. It has become so popular as a market melon that hardly any other variety is raised for the Los Angeles market.

Pkt. 5c.
Oz. 10c.
1 lb. $1.00.

AZTEC CORN:—From a few seeds found in an old Aztec urn in Mexico our stock of seed of this new and entirely distinct variety of Corn was raised. The ripe Kernels are a glossy black, eobs seven to eight inches long and well filled. It is one of the earliest corns grown, beating Extra Early Adam by three weeks. As a green corn for table use it has no equal. As our supply is limited would advise ordering early. Per pkt. 25c

YORKSHIRE HERO PEAS:—Although there has been a world wide shortage in the pea crop this year we have been able to secure a good supply of first-class seed of this well known favorite which is the great market Pea for Los Angeles.

1 lb. 20c; 10 lbs. $1.75; 100 lbs. $14.00.

Yorkshire Hero is a robust grower about 2½ feet in height and a most prolific bearer of pods well filled with peas of a delicious flavor.

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TO OUR CUSTOMERS

In presenting our 39th Annual Catalogue, we take the opportunity to thank our many thousands of customers for the very liberal support they have given us in the past years. Our business increases wonderfully as the years go by, and in anticipation of the coming season’s increase, we have made such modifications in our methods of handling orders as we believe will enable us to get them out with the greatest possible dispatch. It should be borne in mind, however, that in the rush of the season, in order to give the same treatment to all, we must fill orders strictly in rotation as received, we would therefore impress on Customers the desirability of Ordering Early. Our prices are as low as we can consistently make them and give Seeds of High Grade, the cost of the seed is so trifling, compared with the returns from a good crop, that the intending planter should not hesitate about getting the best. “Cheap Seeds,” are not cheap when it comes harvest time, and a poor and inferior crop is the only reward for time and labor expended. We have received so many unsolicited testimonials as to the superiority of the products of our seeds, that we feel warranted in using the motto “Germain’s Tested Seeds are the Best by Every Test.”

We wish to draw attention to our list of Specialties, and they are specialties rather than novelties, the practical farmer and gardener has not the time to give to novelties. In this list, we have noted Standard Varieties, well and favorably known, but our general list includes many others of high merit. We have also added somewhat to the information given in the tables on planting, etc., and in a general way endeavored to make this a better catalogue than any we have issued before.

We will consider it a favor if our customers will give us the name of a friend who has use for a catalogue, or send us a postal card request for one. Assuring you of our best attention to all orders, we are,

Yours very truly,

GERMAIN SEED & PLANT CO.

HOW TO ORDER AND TERMS OF BUSINESS

WHEN ORDERING write your FULL NAME very plainly giving POST OFFICE, EXPRESS OFFICE or FREIGHT DEPOT as case may be, to which you wish the goods sent. If an order wherein we have been given the full and correct address is lost in the mails, we will replace same, but if lost through faulty directions given us, we cannot duplicate it free. When shipments are made by express or freight, our responsibility ceases after we have obtained a clear receipt from the transportation companies. When ordered by packets and ounces, we prepay postage on all seeds, except Peas, Beans, Corn, Grass Seed, Clover and Forage plants. When ordering these latter by mail, please add 10c per lb. to cover mailing. Mail orders for Mexico or other foreign points should be REGISTERED. When ordering add 10c for every 11 pounds or part of 11 pounds in weight on Mexican Orders and 10c for every 4 pounds or part of 4 pounds to other foreign points.

CASH WITH ORDER. Please make remittance with order, thus saving us much extra work during busy season. Express or postal money orders are preferable, 2 cent stamps will answer for amounts up to $1.00.

MARKET GARDENERS AND LARGE PLANTERS. Please write for special prices, stating variety and quantity required.

C. O. D. ORDERS must be accompanied by a remittance equal to one-fourth the amount of the order. We cannot send C. O. D. orders for amounts of $1.00 or less.

Every possible care is taken in the selection of the seeds we offer, but no warranty, expressed or implied is given, either as to name, description, or other matter. If the purchaser does not accept the seeds on these terms, and conditions, they must be at once returned.

PLANT DEPARTMENT. 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.
ASPARAGUS

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.

BEANS

DWARF OR BUSH

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. $1.25, 100 lb. $10.00.

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. 20 cts., 10 lbs. $1.25, 100 lbs. $10.00.

POLE OR RUNNING BEANS

Asparagus, or Yard Long. A pole bean producing great clusters of enormously long thin pods (from 20 to 30 inches in length) very tender and delicate in flavor. No trouble to pick a cooking of these excellent pods. Well worth trying either for home or market use. See cut. Pkt. 25 cts.

Kentucky Wonder, or Old Homestead. A vigorous grower, 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. $1.25; 100 lbs. $10.00.

White Kentucky Wonder. A novelty of recent introduction, possessing all the qualities of its green-pod namesake, which needs no further explanation. Pkt. 10 cts., lb. 30 cts. 100 lbs. $15.00.

BEETS

Crosby's Egyptian. Extra-early, round, dark red, with small top. Pkt. 5 cts., oz. 10 cts., lb. $1.00.


CABBAGE

Early Winnigstadt. One of the best varieties for growing and shipping to home and eastern 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. 20 cts., lb. $1.75.

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.
CAULIFLOWER

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, lb. $30.00.

CUCUMBERS

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. 15 cts., lb. $1.50.

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. $1.25.

April 13, 1909.

Germain Seed Co.
Los Angeles,

Dear Sirs:—The Grape and Logan Vines received O. K. Very many thanks.

Yours faithfully,

L. E. M. KELLY.

Hoihow Is. of Hainan, China.

CARROTS

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. 75 cts.

Early Chantenay. This is the best early carrot grown, one which market gardeners should plant. The carrots grow about six inches long, stump rooted, smooth, deep red, fine grained and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Pkt. 5 cts., oz. 10 cts., lb. 75 cts.

CELEY

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 demand; in fact it has superseded all other varieties, which should be sufficient to recommend it to the most skeptical. Owing to unfavorable conditions the French Crop of Golden Self Blanching Celery seed is extremely scarce this season consequently prices are higher than formerly. Our prices for this season are Pkt. 25 cts., oz. 75 cts., lb. $7.50.

CORN--Sweet or Sugar

Early Golden Bantam. The earliest and hardiest sweet corn grown and of delicious flavor. Being of dwarf habit it can be grown closer together than the large stalked varieties. It averages 4 feet in height and produces 2 to 3 cobs well covered with a strong close husk. The cobs are a rich cream color when fit for cooking and the seed when ripe a golden yellow. We can highly recommend this variety. Pkt. 5 cts., lb. 20 cts.

Oregon Evergreen. A large, early corn, covered thickly with a tough husk which prevents the ravages of worms so fatal to corn in Southern California; also keeps the ear fresh for a long time. Market gardeners will scarcely grow anything else. The ears are well filled to the tip with choice deep grains of delicious flavor. Lb. 20 cts., 10 lb. $1.50, 100 lbs. $12.00.

San Antonio, Texas, Mar. 4, 1909.

Germain Seed Co.,
Los Angeles, Cal.

Dear Sirs:—I got my Palm Seeds O. K. and am very much pleased with them, got them Mar. 1st. I got a pound of Palm Seed from you last year and it looks like every seed came up. Thanking you.

Yours truly,

HARRY ADAMS,
Landscape Gardener
**EGGPLANT**

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 for gathering about two weeks earlier than other larger sorts. Pkt. 10 cts., oz. 50 cts., lb. $4.00.

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. 35 cts., lb. $3.50.

**LETTUCE**

New York. The favorite for the Los Angeles market. Produces large, early heads of excellent 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. $1.25.

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. 50 cts.

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. 15 cts., lb. $1.25.

**MELONS**

**MUSKMELONS**

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 by what the originator claims is the embodiment of an ideal melon. Pkt. 5 cts., oz. 15 cts., lb. $1.50.

**WATERMELONS**

Halbert Honey. An excellent melon for home garden or market; oblong in shape, dark green skin, crimson flesh of excellent quality. Pkt. 10 cts., oz. 35 cts., lb. $3.50.

**NEW YORK LETTUCE**

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. $1.00.

Germain’s Improved Chilián. See back cover.

**ONIONS**

Early Barletta or Adriatic Barletta. A very early variety with clear silver skin, bulbs small, pure white, firm, delicate in flavor; best kind for young onions and for pickling. Pkt. 5 cts., oz. 25 cts., lb. $2.25.

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. $1.75.

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. $2.75.

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. 35 cts., lb. $3.50.
**VEGETABLE GERMAIN'S SEEDS**

**PUMPKINS**

Small Sweet or Sugar. This is the small, sweet pumpkin that has made the New England States famous for their pumpkin pies. It is a very fine-grained, most deliciously sweet-flavored pumpkin, also a splendid keeper. They average about ten inches in diameter, of a round, flattened shape; deep orange-yellow color; extremely attractive while growing. Being also most prolific, succeeding splendidly in almost any location. 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. $1.00.

Long 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.

**PEPPERS**

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 Mngoés. The flesh is thick, tender, mild and sweet. Pkt. 10 cts., oz. 50 cts., lb. $6.00.

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-meatéd, 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.

**PEAS**

American Wonder. 10 to 12 inches high; extra-early; of dwarf, compact growth, wrinkled; of the finest quality. Lb. 20 cts., 10 lbs. $1.75, 100 lbs. $15.00.

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. 25 cts., 10 lbs. $2.00, 100 lbs. $17.50.

Yorkshire Hero. See back cover and page 2.

Telephone. Handsome, well-filled, pods; peas large size, good quality; 4 to 5 feet. Lb. 25 cts., 10 lbs. $2.00.

**RHUBARB OR PIE PLANT**

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 a clear crimson color and of the best quality.

**SPINACH**

Prickly or Fall. Very hardy; used for fall planting; long, thin leaves. Pkt. 5 cts., oz. 10 cts., lb. 30 cts.

Long-standing. Remains a long time before running to seed. Pkt. 5 cts., oz. 10 cts., lb. 30 cts.

**SQUASH**

Bugless Squash. This is a fine variety. Shell dark green and warty, flesh fine and solid. The vina is very resistant to the attacks of bugs. Pkt. 10 cts., oz. 20 cts., lb. $1.75.


Long White Vegetable Marrow. An English squash of very superior flavor. Pkt. 5 cts., oz. 15 cts.; lb. $1.25. See cut.

**TO Garrond**

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. 30 cts., lb. $4.

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. 20 cts., lb. $2.75.

Beefsteak. The favorite late tomato for the home garden in Southern California. Pkt. 5 cts., oz. 35 cts., lb. $3.50.
For the convenience of many of our customers we have put up the following "Collections," containing well known useful varieties. From the great number of these Collections sold last season we feel assured that this way of ordering appeals to many and we have decided to continue putting them up. On these Collections no premium can be allowed but we will mail or express them (according to weight) free to any Post or Express Office in the United States or Mexico.

<table>
<thead>
<tr>
<th>COLLECTION A 75c</th>
<th>COLLECTION B $1.00</th>
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<tr>
<td>2 pkts. Peas, Early and Late</td>
<td>1 lb. Peas, Early</td>
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<tr>
<td>1 pkt. Beans</td>
<td>1 lb. Peas, Late</td>
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<tr>
<td>1 pkt. Beet</td>
<td>1 lb. Beans, String</td>
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<tr>
<td>1 pkt. Cabbage</td>
<td>1 lb. Beans, Wax</td>
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<tr>
<td>1 pkt. Cauliflower</td>
<td>1 pkt. Beet</td>
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<tr>
<td>1 pkt. Carrot</td>
<td>1 pkt. Cabbage</td>
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<td>1 pkt. Cucumber</td>
<td>1 pkt. Cauliflower</td>
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<td>1 pkt. Lettuce</td>
<td>1 pkt. Carrot</td>
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<td>1 pkt. Turnip</td>
<td>1 pkt. Celery</td>
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<td>1 oz. Celery</td>
<td>1 pkt. Kohl Rabi</td>
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<tr>
<td>1 oz. Carrot, Danvers</td>
<td>1 oz. Kohl Rabi</td>
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<td>1 oz. Carrot, Long</td>
<td>1 oz. Leek</td>
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<td>1 oz. Carrot, Round</td>
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<td>1 oz. Lettuce, Curled</td>
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<td>1 oz. Cucumber, Long Green</td>
<td>2 oz. Carrot, Turnip</td>
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<td>1 oz. Egg Plant, New York</td>
<td>1 oz. Kohl Rabi</td>
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<td>1 oz. Endive, Green Curled</td>
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<td>1 oz. Kale, Dwarf Curled</td>
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<td>1 oz. Muskmelon, Hackensack</td>
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<td>1 oz. Parsnip, Hollow Crown</td>
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<td>1 oz. Pepper, Sweet Mountain</td>
<td>1 oz. Kohl Rabi</td>
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<th>COLLECTION C $2.50</th>
<th>COLLECTION D $5.00</th>
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<tbody>
<tr>
<td>1 lb. Peas, Early</td>
<td>1 oz. Cucumber, White Spine</td>
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<tr>
<td>½ lb. Peas, Late</td>
<td>1 oz. Cucumber, Long Green</td>
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<tr>
<td>1 lb. Beans, String</td>
<td>1 oz. Egg Plant, New York</td>
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</tr>
<tr>
<td>1 pkt. Cauliflower</td>
<td>1 oz. Muskmelon, Hackensack</td>
</tr>
<tr>
<td>1 oz. Carrot, Long</td>
<td>1 oz. Watermelon, Germain’s Chiclian</td>
</tr>
<tr>
<td>1 oz. Carrot, Long Orange</td>
<td>1 oz. Okra, White Velvet</td>
</tr>
<tr>
<td>1 oz. Carrot, Danvers</td>
<td>1 oz. Onion, New Queen</td>
</tr>
<tr>
<td>1 pkt. Cauliflower, Snowball</td>
<td>1 oz. Onion, Red Wethersfield</td>
</tr>
<tr>
<td>1 pkt. Celery, Golden Self-blanching</td>
<td>1 oz. Parsley, Moss Curled</td>
</tr>
<tr>
<td>1 lb. Sweet Corn, Stowells</td>
<td>1 oz. Parsnip, Hollow Crown</td>
</tr>
<tr>
<td>1 lb. Sweet Corn, Early Mammoth</td>
<td>1 oz. Pepper, Mexican Chili</td>
</tr>
<tr>
<td>1 pkt. Corn Salad</td>
<td>1 oz. Pepper, Sweet Mountain</td>
</tr>
</tbody>
</table>

Germain Seed Co.
Los Angeles, Cal.

Gentlemen:—Your shipment by Express arrived in such good shape that I feel it my duty to express my appreciation of your careful packing.
I also received by mail the seed of sweet corn.

Yours truly,
(Doctor) REINHOLD FINDERSSEN.

Aguascalientes, Mexico, Feb. 19, 1909.
The foundation for a good crop is laid by the planting of good seed, without which the time and labor of the planter is lost. Growers should remember this when ordering seeds and bear in mind that the difference in cost between good seed and that which is not so good, is trifling when compared with the results expected. The raising and harvesting of seed of First Quality involves a vast amount of experience and labor and we feel that our FORTY YEARS of experience in this line warrants us in saying that the seeds we here offer are second to none of any sold the world over and the numerous unsolicited testimonials we have received prove it.

**ARTICHOKE**

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

<table>
<thead>
<tr>
<th>PRICE</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0.10</td>
<td>$0.35</td>
<td>$3.50</td>
<td></td>
</tr>
</tbody>
</table>

Large Green Globe. The favorite garden variety.  
Plants of Large Green Globe Artichoke. See page 27.  
Jerusalem Artichoke Roots. See page 30.

**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.  

NOTE—By planting 2-year-old roots a great deal of time and labor will be saved. See prices of roots at page 27.  

Palmetto. See Specialties.  

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.  

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.  

Columbia, Mammoth, Barr’s Mammoth and Conover’s Colossal.  

<table>
<thead>
<tr>
<th>PRICE</th>
<th>1 Pkt.</th>
<th>1 Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.05</td>
<td>.10</td>
<td>.75</td>
<td></td>
</tr>
<tr>
<td>.05</td>
<td>.15</td>
<td>1.25</td>
<td></td>
</tr>
<tr>
<td>.05</td>
<td>.25</td>
<td>2.50</td>
<td></td>
</tr>
<tr>
<td>.05</td>
<td>.10</td>
<td>.75</td>
<td></td>
</tr>
</tbody>
</table>

Yoakum, Texas, June 15, 1909.

Germain Seed Co.  
Los Angeles, Cal.  

Gentlemen:—Last winter I was in Los Angeles. I walked into your store on Main St., and bought several dollars worth of different garden seeds, and took them home as I came back to Texas, and planted them, and they did better than any Eastern Seeds. I have been dealing with several different seed firms in the east, but the seed from you did the best.  

I have a large truck farm here at Yoakum, turning out several carloads of truck annually, shipping to eastern markets, for early market.  

Yours truly,

JOS. WYSATA.
### BEANS

#### DWARF OR BUSH

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frijoles</td>
<td>10.00</td>
</tr>
<tr>
<td>Bohne</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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.

#### GREEN POD

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extra Early Refugee</td>
<td>1.10</td>
</tr>
<tr>
<td>Long Yellow Six Weeks</td>
<td>1.25</td>
</tr>
<tr>
<td>Burpee's Stringless Green Pod</td>
<td>1.00</td>
</tr>
<tr>
<td>Canadian Wonder</td>
<td>1.10</td>
</tr>
<tr>
<td>Early Mohawk</td>
<td>1.10</td>
</tr>
<tr>
<td>Extra-Early Round Pod Red Valentine</td>
<td>1.00</td>
</tr>
<tr>
<td>French Mohawk</td>
<td>1.25</td>
</tr>
</tbody>
</table>

#### WAX OR YELLOW-PODDED

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refugee Wax</td>
<td>1.10</td>
</tr>
<tr>
<td>Improved Golden Wax</td>
<td>1.25</td>
</tr>
<tr>
<td>Improved Prolific Black Wax</td>
<td>1.10</td>
</tr>
<tr>
<td>Davis Kidney Wax</td>
<td>1.25</td>
</tr>
<tr>
<td>Wardwell's Kidney Wax</td>
<td>1.25</td>
</tr>
<tr>
<td>Ventura Wonder Wax</td>
<td>1.25</td>
</tr>
</tbody>
</table>

#### BROAD BEANS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>English, or Broad Windsor</td>
<td>1.00</td>
</tr>
</tbody>
</table>

#### POLE OR RUNNING BEANS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frijole de Bejueco</td>
<td>10.00</td>
</tr>
<tr>
<td>Stangenbohnne</td>
<td>1.00</td>
</tr>
<tr>
<td>Haricots Nains</td>
<td>9.00</td>
</tr>
</tbody>
</table>

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

These varieties require a rich soil. Plant in well manured 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.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asparagus, or Yard Long</td>
<td>1.25</td>
</tr>
<tr>
<td>Kentucky Wonder Wax</td>
<td>1.25</td>
</tr>
<tr>
<td>Kentucky Wonder or Old Homestead</td>
<td>1.25</td>
</tr>
<tr>
<td>Greaseback</td>
<td>1.00</td>
</tr>
<tr>
<td>Scarlet Runner</td>
<td>1.25</td>
</tr>
<tr>
<td>Lazy Wife's</td>
<td>1.25</td>
</tr>
<tr>
<td>Cut Short</td>
<td>1.00</td>
</tr>
</tbody>
</table>
BEANS (Continued.)

London Horticultural, or Speckled Cranberry. Vines moderately vigorous, with large, light-colored leaves; pods short, broad, pale green, but becoming streaked with brown as they mature; good either green or dry...........................$1.15  $1.00  $0.90

Dutch Case Knife. A very good pole Bean; it is early; pods broad and long; somewhat turned toward the end, used as snap and shell..........................$1.00  $0.50  $0.20

LIMA BEANS

Burpee's Bush Lima. Splendid dwarf Lima; large and of excellent quality..........................$1.15  $1.25  $1.00

Henderson's Bush Lima. A dwarf variety of the Sieva or Southern Lima; produces enormous crops..........................$1.15  $1.25  $1.00

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..........................$1.15  $1.00  $0.90

Large Lima. A standard variety, unsurpassed in quality as a green or dried shell bean. Matures later than King of the Garden..........................$1.15  $1.00  $0.90

BEETS

TABLE

Remolacha  Rothe Reuben  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...

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germain's Long Blood</td>
<td>See Specialties</td>
<td>$0.05  $0.10  $0.75</td>
</tr>
<tr>
<td>Extra-Early Eclipse</td>
<td>See Specialties</td>
<td>$0.05  $0.10  $1.00</td>
</tr>
<tr>
<td>Crosby's Egyptian</td>
<td>See Specialties</td>
<td>$0.05  $0.10  $1.00</td>
</tr>
<tr>
<td>Extra Early Egyptian</td>
<td>Very early of dark blood-color rather flat shape</td>
<td>$0.05  $0.10  $1.00</td>
</tr>
<tr>
<td>Edmund's Blood Turnip</td>
<td>A market-gardener's strain, of great regularity in shape, deep blood skin and very dark flesh of best quality</td>
<td>$0.05  $0.10  $1.00</td>
</tr>
<tr>
<td>Bassano</td>
<td>Early, flat, light color, fine quality</td>
<td>$0.05  $0.10  $1.00</td>
</tr>
<tr>
<td>Bastian's Early Red</td>
<td>Early, large, fine turnip form and bright red color, zoned with lighter rings. Profitable for market, or home garden. An old favorite</td>
<td>$0.05  $0.10  $1.00</td>
</tr>
<tr>
<td>Swiss Chard, or Silver</td>
<td>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 stalks will be produced</td>
<td>$0.05  $0.10  $0.75</td>
</tr>
</tbody>
</table>

STOCK

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 milk cows or for stock. Select a deep, rich loam and manure well. Sow any time from the middle of November until April, in drills 21/2 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 still soil. Sow 8 pounds to the acre.

<table>
<thead>
<tr>
<th>1 lb.</th>
<th>10 lb.</th>
<th>100 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Germain's Champion Yellow Globe</td>
<td>Its shape and yield make it one of the best varieties that can be grown; easily harvested 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 milk cows. This is the heaviest cropping beet known and the most profitable to grow, all points considered, that we ever tried</td>
<td>$0.25  $2.00  $15.00</td>
</tr>
<tr>
<td>Golden Tankard</td>
<td>Rich yellow color, sweet flavor, and yields heavy crops of fine-shaped roots. One of the best milk-producing sorts</td>
<td>$0.25  $2.00  $15.00</td>
</tr>
<tr>
<td>Improved Mammoth Long Red</td>
<td>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</td>
<td>$0.25  $2.00  $15.00</td>
</tr>
</tbody>
</table>
BEETS (Continued) SUGAR, FOR STOCK FEEDING

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

Price List

<table>
<thead>
<tr>
<th>PRICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 lb.</td>
</tr>
<tr>
<td>$2.25</td>
</tr>
</tbody>
</table>

Vilmorin's Improved White. A much improved variety of the White German, extensively cultivated as a sugar-producing beet; very valuable. 

Klein Wanzleben's. This splendid sugar beet is one of the greatest milk producing roots known; in shape it is conical, straight and even, quite large at the head and rapidly tapering. Every stock raiser should plant this fine sort.

BROCCOLI

Brocoli  Spargelkohl  Broccoli

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.05</td>
<td>.30</td>
<td>3.00</td>
</tr>
</tbody>
</table>

White Cape. Heads medium size, compact; of a creamy white color. 

Purple Cape. Produces fine heads of purplish-brown color.

BRUSSELS SPROUTS

Berza de Bruselas  Rosenkohl  Chou de Bruxelles

Culture for Brussels Sprouts same as for Cauliflower.


CABBAGE

Repollo  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.

POINTED OR OBLONG VARIETIES

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.05</td>
<td>.20</td>
<td>1.75</td>
</tr>
</tbody>
</table>

Early Winnigstadt. See Specialties.

Selected Early Jersey Wakefield. A favorite sort. Heads very compact, solid and conical shape, few outside leaves.

Early York. An old favorite, with solid, pointed heads, Standard English Sort.

FLAT OR ROUND HEAD VARIETIES

Allhead Early. This is the earliest cabbage of all the large early sorts, and cannot be recommended too highly. It is larger than any other variety of its class and grows remarkably uniform.

Eureka. A flat-headed cabbage maturing as early as Jersey Wakefield. The heads are solid and of fine texture.

Fotters Brunswick. This is a good second early variety, short stemmed, heads solid and compact weighing from 10 to 15 pounds each and is sure to head.

Selected All-Seasons. One of the finest for second-early or late, growing to a large size quickly.

Improved Early Summer. A superior second-early sort, produces large and solid heads of fine quality.

Henderson's Succession. An excellent second-early sort on style of All-Seasons.

Danish Ball Head, or Holland. See Specialties.

Marlbehead Mammoth Drumhead. The largest Cabbage grown. It is a uncommon occurrence to find a head weighing from 50 to 60 pounds.

Sure Head. One of the best main crop Cabbages.
CABBAGE—Continued.

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. .................. $0.05               $0.15         $1.50

Large Late Drumhead. A standard winter cabbage for main crop .05 .15 1.50

Drumhead Savoy. Fine quality .............................................. .05 .15 1.50

Chinese Cabbage. A loose leaf variety grown by Chinese gardeners and highly esteemed by them. Of fine flavor and well worth trying ...................................................... .25 .75 6.00

RED CABBAGE

Red Drumhead. Used for pickling. Large, very solid, color deep red ........................................................................ .05 .15 1.50

Red Dutch, or Pickling. Fine, solid, dark red heads .............. .05 .15 1.50

Mammoth Rock Red. This is by far the largest and surest heading red cabbage ever introduced. The plants are large, with numerous spreading leaves. The head is large, round, very solid, and of a deep red color ............................... .05 .15 1.50

Cabbage Plants. See page 27.

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, it 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. Four pounds to the acre.

Oxheart, or Guerande. See Specialties.................................. $0.05 $0.10 $0.75

Early Chantenay. See Specialties........................................ .05 .10 .75

Early French Forcing. The earliest variety, largely grown for forcing purposes; globular-shaped root of an orange-red color ................................. .05 .10 .85

Early Scarlet, or Short Horn. One of the most popular varieties grown; color deep orange; one of the best for table use .................. .05 .10 .75

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 .............................. .05 .10 .75

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 market crop .................. .05 .10 .75

Improved Large White Belgian. Very productive; grown for stock feeding exclusively; grows one-third out of ground. Roots white; green above ground .................. .05 .10 .60

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. See Specialties ............ $0.25 $3.00 $30.00

Half Early Paris, or Nonpareil. One of the best and good for either early or late .05 .60 6.00

Henderson’s Early Snowball. A variety held in great estimation by market gardeners for its earliness and reliability as a sure header .................. .10 2.50 30.00

Large Algers. 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. Plant in this vicinity in May .05 1.00 12.00

Veitch’s Autumn Giant. A large, late sort of robust habit; heads compact, large outer leaves. Succeeds well in southern latitudes .05 .75 9.00

Lenormand’s Short Stemmed. A compact grower, very hardy, heading late, and producing many leaves which protect it .05 .75 9.00

Cauliflower Plants. See page 27.
# VEGETABLES’ SEEDS

## CELERY

<table>
<thead>
<tr>
<th>Variety</th>
<th>Apio</th>
<th>Sellerie</th>
<th>Celeri</th>
<th>PRICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sow seed in frame or open ground.</td>
<td></td>
<td></td>
<td></td>
<td>Pkt. Oz. 1 lb.</td>
</tr>
</tbody>
</table>

- Seed of a tribe of plants related to chicory.
- When 3 inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows 3 or 4 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 6,000 plants.

- **Golden Self Blanching, French Stock.** See Specialties...
- **Golden Self Blanching, California Stock.** Similar to the foregoing, seed raised in California from selected plants...
- **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.
- **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.
- **Boston Market.** One of the best of the white varieties; early and hardy.
- **Giant Pascal.** Stalks very large, thick, solid, crisp and of a rich, nutty flavor; blanches easily and quickly.
- **Chinese Green Top.** The best “Green Top” variety grown, largely grown by Chinese gardeners.
- **Celeriac, Large Smooth Prague.** Forms turnip-shaped bulbs having celery-like flavor.
- **Soup Celery.** For flavoring.

## CHERVIL

<table>
<thead>
<tr>
<th>Variety</th>
<th>Perifolli</th>
<th>Kerbel</th>
<th>Cerfeuil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Curled. Used for flavoring soups and stews; also for salads and garnishing.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
</tbody>
</table>

## CHICORY

<table>
<thead>
<tr>
<th>Variety</th>
<th>Achioreia</th>
<th>Cichorie</th>
<th>Chicoree</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>.05</td>
<td>.15</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Common, or Wild.</strong> Used in Barbe de Capucin, a salad much used in France.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Large-rooted Magdeburg.</strong> The prepared roots are used as a substitute for end to mix with coffee. Cultivate same as Carrots.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Large-leaved French.</strong> A splendid variety for salads.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Witloof.</strong> Sow in drills, thin out to six inches apart, treat as Endive until end of summer, when it should be banked up like celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable dressed in the same way as cauliflower.</td>
<td>.05</td>
<td>.15</td>
<td>1.00</td>
</tr>
</tbody>
</table>

## CORN

### SWEET OR SUGAR

<table>
<thead>
<tr>
<th>Variety</th>
<th>Mais</th>
<th>Maiz</th>
<th>Mais</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 4 feet between the drills and 1 foot between the stalks; use some rich manure in the drills, working it in singly about the roots.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PRICES</th>
<th>1 lb.</th>
<th>10 lb.</th>
<th>100 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>.20</td>
<td>.15</td>
<td>.12</td>
</tr>
<tr>
<td>Aztec. See page 2 of cover.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Golden Bantam. See page 2 of cover.</td>
<td>.20</td>
<td>1.50</td>
<td>12.00</td>
</tr>
<tr>
<td>Oregon Evergreen. See Specialties.</td>
<td>.20</td>
<td>1.25</td>
<td>10.00</td>
</tr>
<tr>
<td>Adams Extra-Early. One of the earliest varieties; small cob and quite dwarf in growth.</td>
<td>.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Black Mexican. The sweetest, richest and tenderest of all sweet corn.</td>
<td>.20</td>
<td>1.50</td>
<td>12.00</td>
</tr>
<tr>
<td>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.</td>
<td>.20</td>
<td>1.25</td>
<td>10.00</td>
</tr>
<tr>
<td>Crosby’s Early Sweet. Second-early, sweet and productive.</td>
<td>.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
</tbody>
</table>
CORN, SWEET—Continued.

<table>
<thead>
<tr>
<th><strong>PRICES</strong></th>
<th>1 lb</th>
<th>10 lb</th>
<th>100 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Evergreen. This variety produces the largest ears of any variety of early sweet corn.</td>
<td>$0.20</td>
<td>$1.50</td>
<td>$12.00</td>
</tr>
<tr>
<td>Early Minnesota Sweet. One of the earliest, with ears of suitable size for market purposes.</td>
<td>$0.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Extra Early Cory. One of the earliest varieties.</td>
<td>$0.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
<tr>
<td>Late Mammoth. Produces larger ears than any other sweet corn, yet is rich and sweet. Productive late than Evergreen.</td>
<td>$0.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
<tr>
<td>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.</td>
<td>$0.20</td>
<td>1.25</td>
<td>10.00</td>
</tr>
<tr>
<td>Potter’s Excelsior, or Squantum. A fine seed-early variety, having large, 12-rowed ears.</td>
<td>$0.15</td>
<td>1.25</td>
<td>10.00</td>
</tr>
<tr>
<td>Preemo 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.</td>
<td>$0.20</td>
<td>1.50</td>
<td>12.00</td>
</tr>
<tr>
<td>Stowell’s Evergreen. The standard sort for main crops everywhere. Ears large, deep-grained, exceptionally tender and sugary; remains tender and edible longer than any other variety. A general favorite with canners and market gardeners for late use.</td>
<td>$0.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
</tbody>
</table>

CORN—Field

<table>
<thead>
<tr>
<th>PRICES</th>
<th>1 lb</th>
<th>10 lb</th>
<th>100 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>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.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>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.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>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.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>Learning. 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.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>Pride of the North. One of the best sorts. Ears have from 14 to 16 rows, color light orange.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>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.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>Champion White Pearl. This stock is short and thick. The ears grow low on the stock, from 7 to 12 inches in length, almost parallel throughout, medium size, averaging 16 rows of grain.</td>
<td>$0.05</td>
<td>.40</td>
<td>3.50</td>
</tr>
<tr>
<td>Mexican June Corn. The genuine variety has a medium-sized grain, and is grown in only one part of Mexico. It grows from 6 to 8 feet high and matures very early. The stock we offer is true to name and first class in every particular.</td>
<td>$0.15</td>
<td>1.00</td>
<td>8.00</td>
</tr>
</tbody>
</table>

CORN—Ensilage

Sow 14 to 15 bushels per acre.

Red Cob Ensilage. A pure white corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; will produce very large crops.

Write for prices on California-grown Corn.
WHITE SPINE CUCUMBER

CUCUMBERS

Pepino Gérard 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.

Improved Arlington White Spine. See Specialties  

Klondike. See Specialties

Nichol's Improved Evergreen. One of the best general-purpose, crisp and tender cucumbers. The young fruit being very symmetrical in shape, deep in color, very crisp; for slicing there is none better

Long Green. Long and crisp; a well-known and popular variety.

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 spots, flesh tender and of excellent flavor.

Evergreen. This cucumber differs from Early White Spine in retaining a deep green color at all stages of its growth. It is long, very productive, and matures early. A general favorite, either for table use, for market, or for pickling.

Cumberland. 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, 3 inches in diameter, with full rounded ends, of excellent quality for slicing.

Extra Long White Spine. A selected strain of the White Spine. It is very uniform in size and exceedingly early, at the same time making long growth—10 to 12 inches. The variety for forcing and early market.

Goliath. A large, straight, crisp, and tender cucumber, of good quality, crisp and fine for slicing.

Giant Pera. Early, and one of the most productive long cucumbers. The fruit is straight and cylindrical; with a smooth skin. The flesh is white, clear, crisp and tender, of excellent flavor, with no trace of bitterness. The seed cavity is small; the seeds grow in two rows, thickly set. One of the best cucumbers, hardy, rich, and productive.

Early Russian. One of the earliest in cultivation, resembles the Early Frame, but is smaller and shorter, being only 4 inches long.

Early Frame. Popular for both table and pickling purposes. Growth vigorous, vines very productive, fruit medium size.

Boston Pickling, or Green Prolific. One of the best pickling varieties; dark green; also excellent for slicing.

Early Green Cluster. A very popular early cucumber, producing its fruit in small clusters near the root of the plant. Its usual length is about 5 inches; skin prickly; flesh white, seedy, tender and well flavored.

Japanese Climbing. While all cucumbers are running vines this variety is much more running in its habit. It quickly climbs on poles or trellises. It is entirely distinct. Quality is splendid. Well adapted for pickling as well as slicing for salads.

West India Gherkin. Oval-shaped; prickly; for pickling only.

ENGLISH FORCING, OR FRAME VARIETIES

Superior in every way to the American varieties. Single specimens average 24 inches and over in length. Fruit is crisp and tender, with very few seeds, which makes the price high. They are grown in Europe in the greenhouse, but can be successfully raised out of doors in Southern California.

Improved Telegraph. Unquestionably one of the best winter cucumbers; indispensable for forcing.

Locke's Perfection. A remarkably productive variety, bearing fruits 15 inches in length, perfect models in shape, and of high quality.
<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Variety</th>
<th>Seed Price</th>
<th>Pkt Price</th>
<th>Oz Price</th>
<th>Lb Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DANDELION</strong></td>
<td>Common Variety</td>
<td>$0.05</td>
<td>$0.20</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Improved, Large-leaved</td>
<td>$0.10</td>
<td>$0.50</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>EGG PLANT</strong></td>
<td>Black Beauty</td>
<td>$0.10</td>
<td>$0.50</td>
<td>$4.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>New Jersey Improved Large Purple</td>
<td>$0.10</td>
<td>$0.35</td>
<td>$3.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>New York Improved Spineless Large Purple</td>
<td>$0.10</td>
<td>$0.35</td>
<td>$3.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Early Long Purple</td>
<td>$0.05</td>
<td>$0.35</td>
<td>$2.50</td>
<td></td>
</tr>
<tr>
<td><strong>ENDIVE</strong></td>
<td>Escarola o Endivia</td>
<td>$0.05</td>
<td>$0.15</td>
<td>$1.25</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Endivein</td>
<td>$0.05</td>
<td>$0.15</td>
<td>$1.25</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chicoree</td>
<td>$0.05</td>
<td>$0.15</td>
<td>$1.25</td>
<td></td>
</tr>
<tr>
<td><strong>GARLIC</strong></td>
<td>Ajo</td>
<td>$0.15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Knoblauch</td>
<td>$0.15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ail</td>
<td>$0.15</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>KALE, OR BORECOLE</strong></td>
<td>Col</td>
<td>$0.05</td>
<td>$0.10</td>
<td>$1.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Blatterkohl</td>
<td>$0.05</td>
<td>$0.10</td>
<td>$1.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chou Vert</td>
<td>$0.05</td>
<td>$0.10</td>
<td>$1.00</td>
<td></td>
</tr>
<tr>
<td><strong>KOHLRABI</strong></td>
<td>Colinabo</td>
<td>$0.05</td>
<td>$0.15</td>
<td>$1.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kohlrabi</td>
<td>$0.05</td>
<td>$0.15</td>
<td>$1.50</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chou-rave</td>
<td>$0.05</td>
<td>$0.15</td>
<td>$1.50</td>
<td></td>
</tr>
</tbody>
</table>

**EGG PLANT**
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 too chilled in the earlier stages of their growth they seldom recover. Repeated sowings are sometimes necessary. One ounce of seed will produce 2000 plants.

**ENDIVE**
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.

**GARLIC**
Garlic Sets. 100 lbs., market price...

**KALE, OR BORECOLE**
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 2000 plants.

**KOHLRABI**
Sow in rows 2 feet apart; thin the plants to 1 foot apart. One ounce of seed will produce about 2000 plants.
**LEEK**

<table>
<thead>
<tr>
<th>Puerro</th>
<th>Lauch</th>
<th>Poriceau</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>London Flag. A large and strong plant; hardy.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Large Musselburg. A standard Scotch variety.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monstrous Carentan. A superior variety, with distinct, dark-colored leaves.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PRICES**

<table>
<thead>
<tr>
<th>Pkt.</th>
<th>Oz.</th>
<th>lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>$.05</td>
<td>$.15</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

**LETTUCE**

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 3000 plants.

**CABBAGE OR HEADING VARIETIES**

<table>
<thead>
<tr>
<th>New York. See Specialties</th>
<th>$0.05</th>
<th>$0.15</th>
<th>$1.25</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Cream Butter. See Specialties</td>
<td>$.05</td>
<td>.10</td>
<td>.50</td>
</tr>
<tr>
<td>Improved Hanson. See Specialties</td>
<td>.05</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>Iceberg. A beautiful lettuce, worthy of universal cultivation; leaves curly, bright green; heads unusually solid.</td>
<td>.05</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>May King. Extra large, round solid heads, light green outside, with clear yellow heart; splendid flavor.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Big Boston. A most desirable large variety. For outdoor planting it is unsurpassed, as it does very well under great variations of temperature; leaves broad, smooth, thin of a light green color. Heads solid.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Deacon. Has few outside leaves, grows very solid, and of a delicious buttery flavor. The center of heads blanches to a bright yellow shade; is very crisp and tender and one of the finest heading summer varieties.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>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.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Wonderful. A splendid variety for market or home use and the best sort adapted for fall sowing. A strong grower, making fine heads.</td>
<td>.05</td>
<td>.15</td>
<td>1.25</td>
</tr>
<tr>
<td>White Summer Cabbage. Compact globular head, medium size; of decided butter flavor and sweet.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Denver Market. A Cabbage heading variety medium large, slow to run to seed.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Drumhead. Quality excellent; of buttery flavor, medium large, slow to seed, good substance.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Black Seeded Butter. Medium size of splendid quality; head firm and globular, sweet and buttery.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Boston Market. A small globular head of good quality, sweet and buttery in flavor, very early.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Black Seeded Tennisball. A splendid and delicately flavored variety of butter type, firm, round heads.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Paris White Cos. An excellent variety; large, crisp, tender and of fine flavor; resists warm weather and is the best Cos lettuce yet introduced. Known also as Romaine Cos.</td>
<td>.05</td>
<td>.15</td>
<td>1.25</td>
</tr>
</tbody>
</table>

**CURLED OR LOOSE LEAVED VARIETIES**

| Black-seeded Simpson. One of the best; leaves are large, thin and exceedingly tender | .05 | .10 | 1.00 |
| Early Curled Simpson. A popular early sort; forms large, loose heads. | .05 | .10 | 1.00 |
| Grand Rapids. The most popular variety for greenhouse planting; quick growth. | .05 | .10 | 1.00 |
| Prizehead. Large, loose-headed sort; leaves tinged with brown; very heavy. | .05 | .10 | 1.00 |
**MUSKMELONS**

Melon Almizelden | Cantaloupe | 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 1/2 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.

**GREEN FLESHED VARIETIES**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>PRICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rocky Ford</td>
<td>The melons are regular and even in size, weighing about 1/4 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.</td>
<td>$0.10 $0.20 $1.00</td>
</tr>
<tr>
<td>Burrell’s Thoroughbred Rockyford Cantaloupe</td>
<td>See specialties.</td>
<td>$0.05 $0.15 $1.50</td>
</tr>
<tr>
<td>Eden Gem Cantaloupe</td>
<td>This is one of the finest melons to grow, either for market or home use. It is immensely productive, 20 to 30 perfect melons to a vine belonging. The skin is heavily netted; flesh light green and of excellent quality.</td>
<td>$0.05 $0.15 $1.75</td>
</tr>
<tr>
<td>Improved Watter’s Solid Net</td>
<td>A splendid early variety largely grown by successful market growers, medium sized fruit, heavily laced netting, slightly ribbed; flesh light-green, sweet and fine flavor.</td>
<td>$0.10 $0.20 $2.00</td>
</tr>
<tr>
<td>Jenny Lind</td>
<td>Small, fleshy, flat fruits, round ribbed, flesh, light-green and of unsurpassed flavor very productive.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Long Island Beauty</td>
<td>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.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Extra-Early Hackensack</td>
<td>Very popular sort, producing large, handsome, extra-early melons of the very best quality. It is some two weeks earlier and almost as large as the famous New Jersey Hackensack; fruit nearly round, deeply ribbed and very coarsely netted. The flesh is green and of a most delicious flavor.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Large Hackensack</td>
<td>Large fruit covered with coarse netting; thick flesh, coarse netted; very productive.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Montreal Market</td>
<td>A very large, green nutmeg type, almost round, heavily netted; thick, luscious flesh, late and especially adapted to cool climates.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Champion Market</td>
<td>This is a most prolific variety, flesh green and deep. Fine flavor; the new round, ribbed and heavily netted.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Chicago Market</td>
<td>Large green fleshed nutmeg good quality; ends flattened, rind heavily netted; flesh thick and sweet.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Green Flesh Osage</td>
<td>Osage quality, light green flesh.</td>
<td>$0.05 $0.10 $1.25</td>
</tr>
<tr>
<td>Prolific Nutmeg</td>
<td>Thick green flesh, fine flavor.</td>
<td>$0.05 $0.10 $1.25</td>
</tr>
<tr>
<td>The Model</td>
<td>Early and very prolific; flesh green in color, thick and fine flavor; oblong in shape, ribbed and finely netted. Splendid market variety.</td>
<td>$0.05 $0.15 $1.50</td>
</tr>
<tr>
<td>Large Yellow Cantaloupe</td>
<td>Large oblong shaped fruit, coarsely netted, ribbed slightly; flesh yellowish green, sweet and delicious.</td>
<td>$0.05 $0.10 $1.25</td>
</tr>
<tr>
<td>Pineapple Cantaloupe</td>
<td>Medium size, early, flesh green and rich flavor.</td>
<td>$0.05 $0.10 $1.25</td>
</tr>
<tr>
<td>Early Green Citron</td>
<td>One of the earliest of Cantaloupes, large and of fine flavor; good for market or home garden, flesh light green.</td>
<td>$0.05 $0.10 $1.25</td>
</tr>
</tbody>
</table>

**SALMON FLESHED VARIETIES**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>PRICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burrell’s Gem</td>
<td>A splendid new variety. Superior to Rocky Ford. Flesh thick and salmon in color and fine flavor; rind heavily netted, grows to about 21 lbs. each.</td>
<td>$0.10 $0.20 $2.00</td>
</tr>
<tr>
<td>Hoodoo</td>
<td>This is a new variety of muskemeon, and is very highly commended for its superior qualities. It is similar in shape to the Rocky Ford, but slightly flattened from stem to blossom end. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. We recommend a trial of this variety. Order early, as the seed is scarce.</td>
<td>$0.10 $0.25 $2.50</td>
</tr>
<tr>
<td>Nutmeg Tip Top</td>
<td>An improved strain; very sweet.</td>
<td>$0.05 $0.15 $1.50</td>
</tr>
<tr>
<td>Paul Rose</td>
<td>Handsome; oval, new variety; rich orange, flesh very sweet.</td>
<td>$0.05 $0.15 $1.25</td>
</tr>
<tr>
<td>Emerald Gem</td>
<td>A small, very early melon; form globular, flesh salmon-colored, exceptionally fine flavor.</td>
<td>$0.05 $0.15 $1.50</td>
</tr>
</tbody>
</table>
MUSK MELONS (Continued)

Miller's Cream, or Orange. The fruit is large and round, with light green netted skin and thick, sweet, salmon-colored flesh.

Banana. Grows 1½ to 2 ft. in length and 3 or 4 inches in diameter; flesh salmon, and exquisitely flavored, resembling banana.

Brings a high price in Eastern markets.

CASSABAS

Eastern Cassaba. Long oval-shaped, skin very thin and delicate; flesh extremely tender, rich and sweet.

Genoa Cassaba. This is a late variety of oblong shape; skin dark green with whitish marking or mottling; flesh pale green, or nearly white, of excellent flavor, and fine aroma. As its name implies, it is an Italian melon, in which country it is very largely grown and highly esteemed for its fine qualities.

Cassaba, or Winter Pineapple. A large, late melon with form, corrugated skin, green flesh of pronounced pine-apple flavor. Melons do not ripen on the vines, and the flavor is greatly improved after being stored in a cool place.

Santa Claus. The latest melon grown. Thin, hard skin with yellowish brown markings, flesh light green and good flavor. Can be picked in September or October and will keep for several months.

Gautier Pineapple. A well known market favorite of splendid quality.

Golden Beauty. A variety of Winter Pineapple which it resembles in every way except color.

Improved Hybrid Cassaba. A variety that ripens late and is a good keeper. Thick flesh of excellent quality.

Casad's Special. A fine variety of salmon fleshed Cassaba, very sweet with none of the cucumber flavor found in some of the Cassabas. For the local market it is unsurpassed. Large fruit and very prolific.

IMPORTED VARIETIES FOR FORCING

Blenheim Orange. A favorite variety; scarlet flesh, good flavor.

Windor Castle. Green flesh, oval shape, finely netted, delicious flavor.

LEMON AND ORANGE

Peach or Garden Lemon. The fruit is about the size of a large peach, oval-shaped and of a bright orange yellow color, somewhat russeted. When it first ripens it is quite hard, and has very little flavor, but they soon become mellow, not sweet, and have a rich flavor. For sweet pickles, pies, or preserving, they are superb.

Mango Melon, or "Vine Orange." Size, shape and color of an orange, fine for preserving or pickling.

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.

Germain's Improved Chilian. See back cover and page 2.

Halbert Honey. See Specialties.

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

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.

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.

Sweet Heart. Large fruits of oval or round form; flesh is a deep rich red, crisp and melting.
**WATERMELONS (Continued)**

<table>
<thead>
<tr>
<th>PRICES</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>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.</td>
<td>$0.05</td>
<td>$0.10</td>
<td>$1.00</td>
</tr>
<tr>
<td>Georgia Rattlesnake, or Gypsy. Standard southern variety, which possesses remarkable shipping qualities; oblong, scarlet flesh, crisp and juicy.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.75</td>
</tr>
<tr>
<td>Duke Jones. Large, nearly round, dark green melon; a fine shipper; flesh bright red, sweet and juicy.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.75</td>
</tr>
<tr>
<td>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.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.75</td>
</tr>
<tr>
<td>Brown Seeded Chillian. Equal in all respects to the White Seeded variety.</td>
<td>0.05</td>
<td>0.10</td>
<td>1.00</td>
</tr>
<tr>
<td>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.</td>
<td>0.05</td>
<td>0.10</td>
<td>1.25</td>
</tr>
<tr>
<td>Ironclad Mammoth. Grows to a very large size, striped like Gypsy, of great substance.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Mountain Sweet. Thick dark rind, fine flavor, grows to a large size.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Dixie. Combines the splendid qualities of Kolb’s Gem and Mountain Sweet. Color dark green with lighter stripes, rind thin, flesh rich scarlet and splendid flavor.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Black Spanish. Round, dark green thin rind, flavor rich and sugary.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Kentucky Wonder. Oblong, dark green marbled stripes, flesh beautiful scarlet, rich and crisp. Will average 30 to 40 lbs. in weight.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.75</td>
</tr>
<tr>
<td>Kolb’s Gem. A strong grower, a large round or oval shaped melon. Striped irregularly with dark and light green mottlings, flesh firm and rich, a good keeper.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Coles Early. A medium sized melon, oblong with mottled stripes, flesh bright red and solid, sweet and delicious flavor. Adapted to a variety of climates.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Lodi. A long shaped green melon. Flesh bright red and sweet. Its thin but tough rind makes it a fine shipper, well known all over California, where it originated.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.75</td>
</tr>
<tr>
<td>Seminole. Extra early, large and productive, very rich flavor. A peculiarity is that melons of a grayish color and a light green are produced sometimes on same vine.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Light-Icing. Flesh solid of good flavor, splendid quality, rind thin. 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.</td>
<td>0.05</td>
<td>0.10</td>
<td>1.50</td>
</tr>
<tr>
<td>McIver’s Wonder Sugar. One of the sweetest melons grown, medium size, striped, flesh red, stringless and excellent quality.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.75</td>
</tr>
<tr>
<td>Peerless. Medium size, rind thin, flesh bright scarlet and a flavor of honey sweetness.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Phinney’s Early. Very light of medium size, very dark mottled, flesh pink, sweet and delicious.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Triumph. A cross between Kolb’s Gem and Duke Jones but much finer than either, a good shipping melon of fine flavor.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.50</td>
</tr>
<tr>
<td>Red Seeded Citron. A round fruit of small size, used in making preserves.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.60</td>
</tr>
<tr>
<td>Colorado Preserving Citron. Excellent for making preserves.</td>
<td>0.05</td>
<td>0.10</td>
<td>0.60</td>
</tr>
</tbody>
</table>

**STOCK MELON**

**Melon Pumpkin.** Good for feeding cattle, or for pies; flesh very firm and solid, with small proportion of seeds. 0.05 | 0.10 | 0.30
MUSHROOM SPAWN

Seta Schwamm Champignon

Write for pamphlet of instructions, mailed free.

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

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

MUSTARD

Mostaza Cenf Moutarde

If ordered by mail, add 10 cts. per pound for postage.
Ostrich Plume. So called for its feathery appearance; very ornamental as well as useful.......................................................... $0.05 $0.10 $1.00
Southern Curled. 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 .................................................. $0.05 $0.10 $0.75
White London. Best for salads or medicinal purposes.......................... $0.05 $0.10 $0.40
Brown or Black. More pungent than white. ......................................... $0.05 $0.10 $0.40
White, Chinese. Bak Toi ........................................................................ $0.10 $0.25 $3.00
Green, Chinese. Gui Toi ........................................................................ $0.10 $0.25 $3.00

NASTURTIUM

Capucina Capucine Kapuzinerkresse

The seeds while young and succulent, are picked and used as capers. The plants are also highly ornamental; the tall variety makes an excellent screen or covering for unsightly places in the garden. Do not sow until the ground is warm.
Tall Nasturtium.................. .......................................................... $0.05 $.15
Dwarf Nasturtium.................. .......................................................... $0.05 $.18

OKRA

Quinbomo Oher 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.......................................................... $0.05 $.10 $.80
Early Dwarf. Productive; pods white, round, smooth......................... $0.05 $.10 $.60
Long Green. Later and more productive; ribbed pods........................ $0.05 $.10 $.60
White Velvet. Pods round, smooth, free from seams; exceedingly tender, well flavored and very prolific .......................................................... $0.05 $.10 $.60

ONIONS

Cebolla Swiebel Ognon

Select fine, light soil and manure heavily with the oldest and strongest compost that can be procured. Plow 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.

Pkt. Oz. 1 lb.
Ailsa Craig. See Specialties.......................................................... $0.10 $0.35 $3.50
Early Barletta or Adriatic Barletta. See Specialties...................... $0.05 $.25 $2.25
Bermuda, White. See Specialties .................................................. $0.05 $.25 $2.77
Germain’s Yellow Flat Danvers. See Specialties ......................... $0.05 $.20 $1.55
ONIONS (Continued)

Red Bermuda. An early variety resembling the White Bermuda except in color, which is a pale red, flesh crisp and mild in flavor. A fine market onion. (Tenerife-grown seed.)

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.

Australian Ex-Early Yellow Globe. The earliest of the Globe Onions and an extra long keeper. The onions weigh four to six ounces each of splendid flavor; small top equal to the Australian brown in every way excepting the onions average slightly smaller in size.

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. Its long-keeping qualities. Also an excellent variety for pulling green or pickling.

White Portuguese, 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.

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.

Yellow Globe Danvers. A well known early onion of fine quality. Flesh white and firm. Color a bright orange; grows to a good size, hardy, a sure cropper and excellent keeper.

Crystal White Wax. A very early onion of the Bermuda type, pale white in color and of mild flavor, especially adapted for Early planting for the early markets.

Australian Brown. A variety introduced from Australia. The bulbs grow to a good marketable size, are very hardy and solid and of uniform shape. Amber-brown color and mild flavor. Splendid keeper.

Large Red Waterfield. A very large, and of very fine flavor.

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.

Southport Yellow Globe. The Southport Onions are handsome globe-shaped bulbs of excellent quality, uniform in size and fine keepers. The yellow is one of the earliest.

Southport Red Globe. Grows to a good size, rich red color with small neck. A fine keeper.

Southport White Globe. A great yielder, fine grounded and firm, flavor mild.

White Spanish or Reading. A large flat shaped onion of very mild flavor.

Ohio Yellow Globe. Bulbs very uniform, skin bright yellow or orange, flesh fine ground and hard. A good keeper.

Mammoth Silver King. A very large growing white onion, uniform in shape.

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

Price per 100 pounds on application. Yellow Bottom, lb. 20c., White Bottom, lb. 20c., Australian Brown, lb. 20 cts.

PEAS

Chièharos o Guisantes Erbsen Pois

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.
PEAS (Continued) FIRST EARLY VARIETIES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>1 lb.</th>
<th>10 lb.</th>
<th>100 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Wonder</td>
<td>1 ft.</td>
<td>$.20</td>
<td>$1.75</td>
<td>$15.00</td>
</tr>
<tr>
<td>McLean's Little Gem</td>
<td>1 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>Premium Gem</td>
<td>1/2 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>Gradus</td>
<td>2 1/2 ft.</td>
<td>.25</td>
<td>2.00</td>
<td>17.50</td>
</tr>
<tr>
<td>Alaska</td>
<td>2 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>First and Best</td>
<td>2 1/2 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
</tbody>
</table>

SECOND EARLY VARIETIES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>1 lb.</th>
<th>10 lb.</th>
<th>100 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abundance</td>
<td>1 1/2 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>Dwarf Sugar</td>
<td>3 ft.</td>
<td>.20</td>
<td>1.75</td>
<td></td>
</tr>
<tr>
<td>Stratagem</td>
<td>2 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>Yorkshire Hero</td>
<td>2 1/2 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>14.00</td>
</tr>
<tr>
<td>Autocrat</td>
<td>3 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
</tbody>
</table>

LATE VARIETIES

<table>
<thead>
<tr>
<th>Variety</th>
<th>Height</th>
<th>1 lb.</th>
<th>10 lb.</th>
<th>100 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Champion of England</td>
<td>4 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>Ever-bearing</td>
<td>3 ft.</td>
<td>.20</td>
<td>1.75</td>
<td>15.00</td>
</tr>
<tr>
<td>Telephone</td>
<td>5 ft.</td>
<td>.25</td>
<td>2.00</td>
<td>17.50</td>
</tr>
</tbody>
</table>

PARSLEY

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perijil</td>
<td>.05</td>
<td>.10</td>
<td>.75</td>
</tr>
<tr>
<td>Petersilie</td>
<td>.05</td>
<td>.10</td>
<td>.75</td>
</tr>
<tr>
<td>Parsil</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
</tbody>
</table>

PARSNIP

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chirivia</td>
<td>.05</td>
<td>.10</td>
<td>.75</td>
</tr>
<tr>
<td>Pastinake</td>
<td>.05</td>
<td>.10</td>
<td>.75</td>
</tr>
<tr>
<td>Panais</td>
<td>.05</td>
<td>.10</td>
<td>.75</td>
</tr>
</tbody>
</table>

PEPPERS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
<th>Oz.</th>
<th>1 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pimiento</td>
<td>.10</td>
<td>.40</td>
<td>$4.00</td>
</tr>
<tr>
<td>Pfeffer</td>
<td>.05</td>
<td>.25</td>
<td>2.25</td>
</tr>
<tr>
<td>Pimenl</td>
<td>.05</td>
<td>.25</td>
<td>2.50</td>
</tr>
</tbody>
</table>
PEPPERS (Continued)

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Large Sweet Mountain</td>
<td>Very large and excellent for mangoes</td>
<td>Pkt. $0.05, Oz. $0.25, 1 lb. $2.50</td>
</tr>
<tr>
<td>Chinese Giant</td>
<td>See Specialties</td>
<td>$0.10, .50, 6.00</td>
</tr>
<tr>
<td>Large Bell, or Bull Nose</td>
<td>Early, sweet and of good flavor</td>
<td>.05, .25, 2.50</td>
</tr>
<tr>
<td>Chili, Small, or Bird’s Eye</td>
<td>Pods pendent, shapely, conical, about 1½ inches in length very piquant; excellent for pickles.</td>
<td>.05, .25, 2.50</td>
</tr>
<tr>
<td>Mexican Chili</td>
<td>Beautiful and productive; 3 to 4 inches in length, pungent</td>
<td>.05, .10, 1.00</td>
</tr>
<tr>
<td>Golden Dawn</td>
<td>Resembles the well known Bell in shape but the fruit is of a beautiful golden yellow.</td>
<td>.05, .25, 2.50</td>
</tr>
<tr>
<td>Chili Piquin</td>
<td>Fruit small and round, fiery hot, fine for seasoning or pepper sauce</td>
<td>.05, .25, 2.50</td>
</tr>
<tr>
<td>Monstrosity</td>
<td>A very large growing variety of fine quality and the best for making mangoes.</td>
<td>.10, .40, 4.00</td>
</tr>
<tr>
<td>Ruby King</td>
<td>A large growing sweet pepper of the Neapolitan type</td>
<td>.05, .25, 2.50</td>
</tr>
<tr>
<td>Anaheim Chili</td>
<td>The well known variety of hot pepper used so much in local Spanish cooking</td>
<td>.05, .25, 2.50</td>
</tr>
<tr>
<td>Red Cluster</td>
<td>As the name implies the fruit grows in clusters. It is very prolific and of dwarf habit.</td>
<td>.10, .25, 2.50</td>
</tr>
</tbody>
</table>

POTATOES

CULTURE.—The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The Potato, being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of the phosphates so manifest as on the Potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wire worms. The best fertilizers are super-phosphate of lime and bone-dust. Plant in rows 3 feet apart and 1 foot in the rows; covering about 4 inches; draw the earth to the plants as they advance in growth.

Early Harvest King is the greatest yielder of any early potato known, the best two crop potato grown. Large, white tubers, very rich and delicate in flavor, splendid mealy potato when cooked. 10 lbs., 35 cts.; 100 lbs., $3.00

Red Triumph. Very prolific and earlier than Early Rose. The color of skin is light red, size medium, nearly round and uniform in growth, flesh white and mealy. 10 lbs., 30 cts.; 100 lbs., $2.50.

White Rose. A well known variety early, hardy and productive. 10 lbs., 30 cts.; 100 lbs., $2.50.

Pink Rose. Similar to White Rose except in color of skin. 10 lbs., 30 cts.; 100 lbs., $2.50.

New Snow. This variety originated in Maine and has proved to be a great yielder producing very few small tubers. Will thrive on poorer soil than other varieties; 10 lbs., 35 cts.; 100 lbs., $3.00.

Early Ohio. A popular well-known variety, stands dry weather well and is a good producer. 10 lbs., 30 cts.; 100 lbs., $2.50.

Burbank. The best late variety grown and so well known as to need no description. 10 lbs., 30 cts.; 100 lbs., $2.50.

Prices subject to change, write for prices on large quantities.

POTATOES—SWEET

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 1st. For plants see page 27.

PUMPKINS

<table>
<thead>
<tr>
<th>Variety</th>
<th>Description</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calabasa</td>
<td>Kurbis, Courge</td>
<td>Pkt. $0.05, Oz. $0.10, 1 lb. $1.50</td>
</tr>
<tr>
<td>Large Yellow Mammoth Potiron</td>
<td>See Specialties</td>
<td>$0.05, .10, .75</td>
</tr>
<tr>
<td>Cushaw (Crook-necked)</td>
<td>Solid flesh, fine and sweet; keeps well</td>
<td>.05, .10, .50</td>
</tr>
<tr>
<td>Cheese</td>
<td>Size large; skin reddish orange; flesh thick, fine and sweet; keeps well</td>
<td>.05, .10, .35</td>
</tr>
<tr>
<td>Connecticut Field</td>
<td>Seed grown lettuce; very strong, sprouts early</td>
<td>.05, .10, .75</td>
</tr>
<tr>
<td>Quaker Pie</td>
<td>Nearly oval; color creamy white inside and out; flesh sweet and rich; good keeper</td>
<td>.05, .10, .75</td>
</tr>
</tbody>
</table>
PUMPKINS (Continued)

**PRICES**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
<th>Oz</th>
<th>1 lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Sugar</td>
<td>.05</td>
<td>.10</td>
<td>$ .75</td>
</tr>
<tr>
<td>Winter Luxury</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Tennessee Sweet Potato</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Japanese Pie</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Mammoth, or Jumbo King of Mammoths. See Specialties.</td>
<td>.05</td>
<td>.10</td>
<td>1.00</td>
</tr>
<tr>
<td>Small Sweet or Sugar. See Specialties.</td>
<td>.05</td>
<td>.10</td>
<td>.75</td>
</tr>
</tbody>
</table>

FIELD
If ordered by mail, add 10 cts. per pound for postage.
California Field. Selected; very large.................................25
Large Sweet Field. Very popular among the local growers; size very large; hardy and productive.................................25

RADISHES
Rabano Radish 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 not withstanding its large size it does not get hollow or pithy; the flesh is white, sweet, crisp and of mild flavor. Excellent for forcing on open ground..................................................$ .10 $ .20 $1.00
Early Scarlet Globe. This superb variety is undoubtedly the best-known radish in cultivation. Very solid, bright red color and of excellent quality; is highly recommended for market use...
Scarlet Turnip. An excellent early variety; crisp and tender.......
Scarlet Turnip, White-tipped. An early variety of excellent quality
Scarlet, Olive-shaped. Oval; very early and handsome; flesh rose-colored, tender and brittle ..................$
French Breakfast. A fine early variety; olive-shaped; scarlet body with white tips..................................................$
Early Long Scarlet Short Top. Roots long; pinkish color; flesh white and crisp............................................$
White Strasbourg. One of the most valuable summer radishes...$
Long White Icicle. In form half-long, pure white and very crisp.

Black Spanish Winter, Long. Grows to a large size, olbong shape, quite solid..........................$
Chartier. A long, smooth radish, red above and shading to clear white at the tip.................................$
Rosy Gem. One of the earliest varieties in cultivation. It is of perfectly globular shape, deep scarlet on top, blending to pure white at the bottom. The radishes are exceedingly tender, crisp and delicious..........................$
Modell White Box. A very early round white radish, crisp and sweet..................................................$
Black Spanish Winter, Round. Similar to the long except in form 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..........................$
China Rose Winter. Medium size, oblong, of a bright rose color; one of the best varieties for winter use..................$
Mixed Radishes. Supply a nice assortment for the table; of all colors and sizes..........................$

Horse-radish Roots. See page 27.
**RHUBARB, OR PIE PLANT**
Rhubarbo  
Saw 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.

**PRICES**
- New Crimson Winter. See Specialties. ........................................ $0.10  
- Monarch, or Giant. Superior variety of large size .................................. 0.15  
- Rhubarb Roots. See page 27.

**ROSELE**
Hibiscus Rossella Subdorafa
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 currant. ........................................ $0.10

**SALSIFY, OR VEGETABLE OYSTER**
Ostion Vegetal  
Cultivate the same as parsnips.
- Long White ........................................ $0.05  
- Sandwich Island. Of enormous size, very tender and delicious. .................... 0.05

**SORREL**
Acedera  
Large-leaved French. Used for salads. ........................................ 0.05

**SPINACH**
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 60 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. Oz. 1 lb.  
- Round, or Summer. For early spring planting; leaves large. ........................................ Pkt. Oz. 1 lb.  
- Long-standing. Remains a long time before running to seed. ........................................ Pkt. Oz. 1 lb.
- New Zealand. Abundant producer throughout the summer; transplant 3 feet apart each way. ........................................ Pkt. Oz. 1 lb.

**SQUASHES**
Calabacera  
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.

**SUMMER VARIETIES**
- Early White Bush Scaloped. An early variety, well-flavored and productive; excellent for the market. ........................................ $0.05  
- Mammoth White Bush Scaloped. Is much larger in size than the preceding, flesh clear, waxy white, tender and delicate. ........................................ $0.05  
- Long Island White Bush. See Specialties. ........................................ $0.05  
- Early Golden Bush Scaloped. Similar in shape to the white. ........................................ $0.05  
- Summer Crook-Neck. This is the richest summer Squash; very early and productive. ........................................ $0.05
- Delicata. The earliest and most prolific of the vine Squashes, and although of small size, the flesh is wonderfully solid, with a small seed cavity. It cooks dry and is rich flavored. ........................................ $0.05
- Long White Vegetable Marrow. See Specialties. ........................................ $0.05

**MAMMOTH CHILI SQUASH**
SQUASHES (Continued) WINTER VARIETIES

| VARIETY             | DESCRIPTION                                                                 | PRICE  
|---------------------|-----------------------------------------------------------------------------|--------
| Hubbard             | The best of all winter varieties; grows to a large size.                   | $0.65  
| Red or Golden Hubbard | Similar to the Green Hubbard, except in color, which is a bright, deep orange. Flesh deep golden yellow, fine grained, cooks very dry, and is of excellent flavor. | $0.10  
| Winter Crook Neck   | A good fall variety; flesh close-grained and sweet.                        | $0.85  
| Fordhook            | One of the best winter squashes; fine quality.                             | $0.50  
| Pike’s Peak, or Sibley | Entirely original and distinct; considerable improvement on the Hubbard. | $0.15  
| Boston Marrow       | A standard fall Squash of rich orange color; very productive; keeps well.  | $0.85  
| Essex Hybrid        | An early and rapid growing variety, with thick, rich colored solid flesh of richest flavor; it is also one of the best keepers. | $0.10  
| Mammoth Chili       | See Specialties.                                                           | $0.75  
| Bugless             | See Specialties.                                                           | $1.25  
| California Large Field | A very large Squash, often called pumpkin; grows to an immense size, frequencies weighing over 100 lbs. | $1.75  

TOMATOES

Gitone Tomate

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 3000 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.

June Pink | A smooth purple-fruited tomato, maturing very early, resembling the Earlana 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. Oz. 1 lb. | $0.10  
Spark's Earlana | See Specialties. | $0.35  
Chalk's Early Jewel | Nearly as early as the celebrated Earlana. Fruits are large and of fine flavor. | $3.50  
Germain's Winter Queen | See Specialties. | $0.25  
Beefsteak | See Specialties. | $4.00  
New Stone | A splendid variety for shipping; bright scarlet, large, smooth and firm; excellent quality and one of the best for general use. | $3.50  
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. | $3.50  
Ponderosa | Grows to enormous size, sometimes weighing from two to three pounds each; very smooth and solid. | $3.50  
Trophy | A vigorous grower; fruit smooth, deep red. | $3.50  
Dwarf Stone | Vine resembles Dwarf Champion, but of stronger growth. The fruits are same color and size as the regular Stone. | $3.50  
Atlantic Prize | (Early Ruby) A favorite early variety. Color rich crimson. | $3.50  
Acme | One of the earliest and handsomest varieties. The fruit is of a medium size, perfectly smooth and regular in shape; a great bearer; color dark red with a purplish tint. | $3.50  
Beauty | Livingston's. A very fine variety of large size; grows in clusters and has a peculiarly glossy crimson with a purplish tinge. | $3.50  
Dwarf Champion | An early and distinct variety, medium in size; plant of dwarf and compact growth. | $3.50  
Strawberry, or Ground Cherry | A distinct species; grows enclosed in a husk; excellent for preserves. | $3.50  
Livingston’s Favorite | Beautiful shape, smooth, ripens evenly. | $3.50  
Matchless | An old variety of splendid qualities, rich red in color and a fine keeper. | $3.50  
Early Richmond | Of good size and fine flavor. | $3.50  
Golden Queen | The best yellow. Has a fine appearance and a distinct flavor. | $3.50  

[80]
**TOMATOES (Continued)**

- **Perfection.** A fine variety of good quality and very prolific... $0.05 10c 25c
- **Yellow Pear.** A small early variety good for preserves... $0.05 10c 25c
- **Yellow Plum.** Fruit plum-shaped, of clear, deep yellow color... $0.05 10c 25c
- **Yellow Peach.** Beautiful clear yellow color... $0.05 10c 25c

**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 on the quality of the seed.

- **Germain's Red-Top White Globe.** A very fine variety, globe-shaped, flattened white and of excellent quality.
- **Early White Egg.** An egg-shaped variety for spring and fall sowing; flesh firm, fine-grained, mild and sweet.
- **Early White Flat Dutch.** White flesh, medium size, quick growth
- **Golden Ball.** Round, smooth English Turnip of fine quality, skin bright yellow; good keeper.
- **Early Purple-Top Milan.** One of the earliest varieties
- **Purple-Top Strap-Leaf.** Very productive, matures quickly; flesh white and sweet.
- **Early Snowball.** A medium globe-shaped variety of pure white. Very solid and of the best quality.

**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...
- **Large White.** A very superior white-fleshed variety of large size and fine quality...

**POT, SWEET AND MEDICINAL HERBS**

<table>
<thead>
<tr>
<th>Name</th>
<th>5c per pkt.</th>
<th>50c per doz.</th>
<th>1doz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fennel, Sweet</td>
<td>$0.05</td>
<td>$10.00</td>
<td>$60.00</td>
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<tr>
<td>Horehound</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Hyssop</td>
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<tr>
<td>Lavender</td>
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<tr>
<td>Marjoram, Sweet</td>
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<tr>
<td>Rosemary</td>
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<tr>
<td>Rue</td>
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<tr>
<td>Sage</td>
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</tr>
<tr>
<td>Savory, Summer</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Savory, Winter</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Thyme, Broad-leaved</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Wormwood</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CULINARY ROOTS AND PLANTS**

- **Hop Vine Roots.** 5cts. each, 60cts. per doz., $3.50 per 100.
- **Horseradish Sets.** Thrive best in low, damp land. Plant in rows 2 feet apart, and in the rows 18 inches apart. 15 cts. per doz., $1.00 per 100.
- **Pepper Plants.** Chili, Large Bell or Bull Nose, Sweet Mountain, etc., 25 cts. per doz., $1.25 per 100.
- **Rhubarb Roots.** Monarch and Victoria, strong roots. 15 cts. each, $1.50 per doz., $7.50 per 100.
- **Rhubarb Roots—New Crimson Winter.** First size, extra large, 25 cts. each, $2.50 doz., smaller 15 cts. each, $1.50 doz.
- **Sweet Potato Plants.** Yellow Nansendom and Large White, 50 cts. per 100, $4 per 1000.
- **Tomato Plants.** Acme, Beauty, Favorite, New Stone, Perfection, Ponderosa, Trophy, 15 cts. per doz., $1 per 100, 87c per 1000.

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

Artichoke. Green Globe, French Stock. 3.00 doz.

Asparagus. One-year-old roots, 25 cts. doz.; $1 per 100; $7.50 per 1000.

Cabbage Plants. Early Winnigstadt, Henderson's Early Summer and Premium Flat Dutch 10 cts. doz., 50 cts. per 100, $4.00 per 1000.

Cauliflower Plants. Early Erfurt, Snowball and large Algiers, 15 cts. doz., $1 per 100, $6 per 1000.

Chives, or Schnittlauch. For flavoring soups, salads, etc. 10 cts. per clump, 50c per doz.

Eggplants. New York Improved large round purple; grown in pots, 75 cts. per doz.
SEEDS FOR COVER CROPS

The importance of a Cover Crop as a cheap and beneficial way of getting humus and Nitrogen into the soil is yearly becoming more impressed upon the fruit growers of California. We can supply any of the following legumes and will be pleased to quote prices on large quantities.

Double your crops of the above legumes by inoculating before planting with Nitrogen Culture, 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.

VETCHES

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 as 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 50 pounds to the acre. $1.10 .80

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 3 to 5 feet, the rye will afford support for them. Sow from 25 to 30 lbs. to the acre. .15 .25

FIELD PEAS

60 to 90 pounds per acre.

Field Peas, White Canadian. Highly valued for plowing under in orchards as a soil-improver. .10 .75

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. .10 .75

COW PEAS

40 to 50 pounds per acre.

Whippoorwill. A bunch-growing variety; great favorite; brown speckled seed. .10 .90

Black Eye. Used in some sections as food. .10 .75

Clay. A favorite variety in some sections of the South. Is prolific, both in yield of peas and growth of vine. .10 .90

New Era. An early maturing variety, which has proved very popular and satisfactory. It is upright-growth, quick to mature, and remarkably prolific of peas. The vines cure easily, making splendid dry forage. .10 .90

CLOVER

Burr Clover. Somewhat resembling alfalfa in the shape and color of the seed, also in its habit of growth. It is a great nitrogen-gatherer. 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. Hullled, solid seed, free from burr. Sow 15 pounds per acre. .30 .25

Melilotus Clover. A strong growing plant of the clover family yielding a large amount of humus and nitrogen and having a great root system. Recommended by the Agricultural Experiment Station of Arizona for sowing in Citrus groves. Sow 10 lbs. per acre. .25 .20

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. .15 .25

NITROGEN CULTURE

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
NITROGEN CULTURE (Continued)

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.

**CLOVERS AND GRASSES**

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>PRICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa, or Lucerne. (Medicago Sativa).</td>
<td>$2.50 $2.00</td>
</tr>
<tr>
<td>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.</td>
<td>30 2.50</td>
</tr>
<tr>
<td>Alsike, (Trifolium hybridum). Very hardy, resisting cold and drought and is also well adapted for sowing on cold wet land. It yields a large amount of hay or pasture and makes a good bed plant.</td>
<td>30 2.50</td>
</tr>
<tr>
<td>Berseem, or Egyptian. (Trifolium alexandrinum). This Clover is said to be especially suited for irrigated lands. It yields heavily in Egypt, growing a little taller than alfalfa. It is very succulent and much relished by stock.</td>
<td>50 4.50</td>
</tr>
<tr>
<td>Italian Crimson, or Scarlet. (Trifolium incarnatum.) Used chiefly as a soil improver.</td>
<td>30 2.75</td>
</tr>
<tr>
<td>Japanese, (Lespedeza Striata.) Makes a fine pasture plant for poor barren land where it will grow 18 inches high; on good soil it grows 30 inches; it will also thrive on shaded, or on wet soils. Stock of all kinds relish it, poor or worn out soil is improved by it.</td>
<td>40 3.50</td>
</tr>
<tr>
<td>Mammoth Red, or Cow Grass. (Trifolium pratense perenne.) More vigorous grower than the common red.</td>
<td>30 2.50</td>
</tr>
<tr>
<td>Red (Trifolium pratense). Should be in all pasture mixtures.</td>
<td>30 2.50</td>
</tr>
<tr>
<td>White. (Trifolium repens.) Excellent for lawns; can be sown alone or mixed with Blue Grass. Strictly fancy seed.</td>
<td>40 3.50</td>
</tr>
</tbody>
</table>

### GRASS SEEDS

<table>
<thead>
<tr>
<th>Variety</th>
<th>PRICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Awnless Brome Grass. (Bromus inermis.) Hardy; stands heat and cold well. Adapted for dry regions.</td>
<td>20 1.75</td>
</tr>
<tr>
<td>Bermuda (Cynodon dactylon). Of great value as a pasture grass in hot countries; also suitable for lawns where Blue Grass fails.</td>
<td>1.00 8.00</td>
</tr>
<tr>
<td>Crested Dog's-Tail (Cynosurus cristatus). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems.</td>
<td>35 3.00</td>
</tr>
</tbody>
</table>

(Continued)
GRASS SEED (Continued)

**Prices**

<table>
<thead>
<tr>
<th>1 lb. 10 lb. 100 lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>.35 3.00 30.00</td>
</tr>
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Kentucky Blue, Fancy, Clean (Poa pratensis). Our seed is direct from Kentucky and is absolutely pure and free from weeds. Mesquite, (Holeus lepatus). Will grow on poor peaty soils or dry sandy soil. Known also as “Velvet grass”...

**Orchard Grass** (Dactylis glomerata). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, the luxuriance of its aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, where the subsoil is favorable, it withstands droughts better than most species on dry sandy soils. It is very valuable to be used in a mixture.

**Red Top** (Agrostis vulgaris). Permanent grass for pasture or lawn...

**Rye Grass, Italian** (Lolium italicum). A valuable grass for hay and pasture, especially under irrigation...

**Rye Grass, Perennial, or Australian** (Lolium perenne) is superior to the Italian in habit of growth, but more permanent; good for lawns. Yields abundantly under irrigation...

**Sand Grass** (Trichesps purpureus). Grows on dry sandy soils along the coast; from 6 inches to 1 foot high...

Subject to Market Fluctuations. Write for prices on large quantities.

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**MISCELLANEOUS FODDER PLANTS**

Alfalfa. (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. 1 lb. $1.50. Sow 20 lbs. to the acre.

Australian Salt Bush (Atriplex semi-bacateum). Much relished by stock, supplying the salt necessary to their well-being. 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. 15c, lb. $1.25.

Australian Salt Bush, “Old Man.” A distinct species different from the Atriplex semi-bacateum. It succeeds on all all 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. 10c, oz. 30c, lb. $3.00.

Beans Bayou. As an article of food they are fully equal to the pink or Mexican “trifóle;” 3 lbs. 25 cts.

Beans Soja. Used as a substitute for coffee, also as a forage plant. They are highly recommended as a soil improver. 1 lb. 15 cts.

Beans Caster. Used for planting in chicken yards to afford temporary shade. 1 lb. 25 cts.

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, straight, and always green; it brings the highest market price; grows about 7 feet high. 1 lb. 10c.

Broom Corn, Large California Golden. Very popular for making brooms. 1 lb. 10c.

Broom Corn, Dwarf. Grows about 4 feet high; extra fine for making brushes or whisks. Sow 12 lbs. of Broom Corn seed to the acre. 1 lb. 10c.

Buckwheat, Common. Buckwheat should be sown broadcast, at the rate of 45 lbs. to the acre. 1 lb. 10c.

Buckwheat, Silver Hull. Excellent for bees. 1 lb. 10c.

Buckwheat, Japanese. A distinct variety, with leaves 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. 1 lb. 15c.


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. 1 lb. 10c.

Egyptian Corn. White, similar to above. 1 lb. 10c.

Flax, or Linseed. Best Riggs. 1 lb. 10c.

Garbanzos. These peas are largely used throughout Mexico as an article of food. 1 lb. 10c.

Jerusalem Artichoke Roots. An excellent hog food, said to prevent cholera; produces enormous crops. Cultivate same as potatoes. 1 lb. 10c.

Jerusalem Corn. Fine for fodder. 1 lb. 15c.

Kaffir Corn, White. Grain is fine for chicken feed; stalks good for fodder. 1 lb. 10c.

Kaffir Corn, Red. Similar to the white. 1 lb. 10c.

Lentils. Used as an article of food. 1 lb. 10c.

Millet, Common. Very early; abundant foliage. 1 lb. 10c.

Millet, Egyptian Pearl. (Pennisilariia spinosa). Is an excellent fodder plant, attaining a height of 5 feet and over. Highly relished by cattle. 1 lb. 20c.

Millet, French Imported. Used to feed valuable birds. 1 lb. 10c.

Millet, German. A valuable fodder plant. Makes excellent hay. Sow 25 lbs. to the acre. 1 lb. 10c.

Millet, Hungarian. Will stand drought and grow on ordinary soil. 1 lb. 10c.

Millet, Italian. Grows larger than Hungarian. 1 lb. 10c.

Millet, Japanese. Great claims are made for it as to productiveness and value as a forage plant. Superior to corn fodder in feeding for milk. Grows 6 to 8 ft. high. Sow 40 lbs. per acre. 1 lb. 10c.

Millet, Siberian or Russian. Claimed to be the most wonderfully productive and satisfactory forage plant, possessing in a superior degree all of the essential merits of the older sorts. 1 lb. 10c.

Pyrusserum Cineraeafolium. The plant from which is made the Persian insect powder in Europe, or “Buhaeh” as made in California. Pkt. 15c, lb. $1.00.

Rape, Dwarf Essex. Cultivated for the tops—no roots; excellent cattle food, good for green manuring. Sow 8 to 10 lbs. to the acre. 1 lb. 15c.

Sorghum, Early Amber. Rich in fattening matter. 1 lb. 10c.

Sorghum, Early Orange. Similar to above. 1 lb. 10c.

Sorghum Halepense. Johnson Grass. Prefers a hot, dry climate. (Its sale is prohibited in this state). Sow 30 lbs. to the acre. 1 lb. 50c.

Please write for price on 100 lb. lots of any above.
MISCELLANEOUS FODDER PLANTS (Continued)

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. 10c.

Sunflower Mammoth Russian. Lb. 10c.

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. 10c, oz. 25c, lb. $2.50.

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

Virginia Peanuts. Plant when weather is warm. A warm, porous, sandy soil, put into a good friable condition and freed from weeds, is most suitable. Remove the pods without injuring the kernel, and place 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 kernels. It requires 35 pounds of peanuts in the hull to 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 soil at the base and form the peanut. First quality, lb. 15c.

Wild Rice (Zizania Aquatica). Grows in shallow water with mud bottom. The plant makes an excellent shelter for wild fowl, lb. 30c.

Wood Pea (Lathyrus sylvester Wagner). As nutritious as alfalfa, and of equal value with oil cake for feeding. Perennial, lasting over 50 years, the roots penetrating into the subsoil from 10 to 18 feet. Oz. 20c, lb. $2.00.

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 frequently during the season, and a dressing of lawn fertilizer once a year is necessary to the maintenance of a good lawn.

LAWN GRASS SEED

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. 40 cts., 5 lbs. $1.75.

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

Lippia Repens. The new lawn plant 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.

LAWN FERTILIZERS

Nothing will give a lawn the rich deep green velvety appearance, so much admired, like a liberal dressing of a good fertilizer. Our fertilizers are specially prepared with that end in view and we can strongly recommend them. Should be used at the rate of 11 or 2 pounds to 100 square feet.

Commercial Lawn Fertilizer. Our own brand, acts quickly and gives excellent results, per lb. 5c, 25 lbs. $1.00, 50 lbs. $1.50, 100 lbs. $2.50.

Pulverized Sheep Manure. Specially prepared, and possesses all the elements of a high class fertilizer; per pound 5c, 30 lbs. $1.00, 50 lbs. $1.30, 100 lbs. $2.25.

Fine Ground Bone Meal. Good for top dressing and general fertilizing purposes, per pound, 5c, 25 lbs. $1.00, 50 lbs. $1.50, 100 lbs. $2.50.
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 half-hardy annuals in pots. Soak 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 acacia 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 hardy treecroppers.

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 root crops 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 gladiolus 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, tuber-roses, tigridias, tuberous begonias and all summer-flowering bulbs. Continue sowing hardy and half-hardy annuals. Watch rose-bushes, and if troubled with green aphids, 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, squashes, etc., as soon as they commence flowering. Sow vegetable seeds for succession (see reference table), and keep surface of soil well broken.

FEBRUARY

Flower Garden.—Trim edgings of borders and hedges, and carefully attend to watering. Dahlias and geraniums may still be planted. Sow celery 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.

JUNE

Flower Garden.—Continue to dig up and store bulbs as they ripen. Trim edging 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.

JULY

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.

August

Flower Garden.—Commence planting hyacinths, tulips, anemones and other Dutch bulbs toward the end of the month. Prick off calceolarias, cinerarias and primulas sown last month, into small pots, and continue sowing some 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.

SEPTEMBER

Flower Garden.—Commence planting hyacinths, tulips, anemones and other Dutch bulbs toward the end of the month. Prick off calceolarias, cinerarias and primulas sown last month, into small pots, and continue sowing some 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.—Sow largely peas, onions and spinach for main crop; also other seeds for succession, (see reference table), especially winter melon seeds.

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 large peas, onions and spinach for main crop; also other seeds for succession, (see reference table), especially winter melon seeds.

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 uncertified 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 as last month.

Vegetable Garden.—Operations as last month.
USABLE REFERENCE TABLE

SHOWING A GLANCE THE BEST TIME TO PLANT THE DIFFERENT KINDS OF SEEDS AND PLANTS, AVERAGE TIME TO MATURE, AND DISTANCE APART

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<td>Tomato (seed)</td>
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<tr>
<td>Tomato (plants)</td>
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<tr>
<td>Turnip, Swede, or Rutabaga</td>
<td></td>
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<td></td>
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<td>Herbs</td>
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</table>

SOWING TABLE FOR THE GARDEN

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

<table>
<thead>
<tr>
<th>VARIETY</th>
<th>Quantity of Seed Required</th>
<th>Planting Distance</th>
</tr>
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<tbody>
<tr>
<td>Artichoke, Globe</td>
<td>1 oz. to 60 ft. of drill</td>
<td>60 ft. of drill</td>
</tr>
<tr>
<td>Asparagus (seed)</td>
<td>1 oz. to 60 ft. of drill</td>
<td>60 ft. of drill</td>
</tr>
<tr>
<td>Asparagus (roots)</td>
<td>1 lb. to 60 ft. of drill</td>
<td>60 ft. of drill</td>
</tr>
<tr>
<td>Beet, Red Vates</td>
<td>1 lb. to 60 ft. of drill</td>
<td>60 ft. of drill</td>
</tr>
<tr>
<td>Beet, Broad or English</td>
<td>1 lb. to 50 ft. of drill</td>
<td>50 ft. of drill</td>
</tr>
<tr>
<td>Brussel Sprouts</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Cabbage, Early (seeds)</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Cabbage, Early (plants)</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Cabbage, Late (seeds)</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Cabbage, Late (plants)</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Carrot</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Cauliflower (seeds)</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Cauliflower (plants)</td>
<td>1 oz. to 2,000 plants</td>
<td>1 oz. to 2,000 plants</td>
</tr>
<tr>
<td>Celery</td>
<td>1 oz. to 5,000 plants</td>
<td>1 oz. to 5,000 plants</td>
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<tr>
<td>Chicory</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Corn, Savd</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Cress</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Cucumber</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Eggplant (seeds)</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Eggplant (plants)</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Endive</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Kale</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Kohlrabi</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Leek</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
<tr>
<td>Lettuce</td>
<td>1 oz. to 100 ft. of drill</td>
<td>100 ft. of drill</td>
</tr>
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</table>

[33]
### Useful Tables for the Farmer and Planter

#### Number of Trees or Plants to an Acre

<table>
<thead>
<tr>
<th>Distance apart</th>
<th>No. of Plants</th>
<th>Distance apart</th>
<th>No. of Plants</th>
<th>Distance apart</th>
<th>No. of Plants</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 inches by 4 inches</td>
<td>322,720</td>
<td>4 inches by 1 foot</td>
<td>392,040</td>
<td>6 inches by 6 inches</td>
<td>174,240</td>
</tr>
<tr>
<td>1 foot by 1 foot</td>
<td>43,560</td>
<td>1 ½ feet by 1 ½ feet</td>
<td>19,360</td>
<td>2 feet by 2 feet</td>
<td>21,750</td>
</tr>
<tr>
<td>2 feet by 2 feet</td>
<td>10,890</td>
<td>2 ½ feet by 2 ½ feet</td>
<td>6,960</td>
<td>3 feet by 1 foot</td>
<td>14,520</td>
</tr>
<tr>
<td>3 feet by 2 feet</td>
<td>7,260</td>
<td>3 feet by 3 feet</td>
<td>4,810</td>
<td>3 ½ feet by 3 ½ feet</td>
<td>3,555</td>
</tr>
<tr>
<td>4 feet by 1 foot</td>
<td>10,890</td>
<td>5 feet by 2 feet</td>
<td>1,470</td>
<td>6 feet by 6 feet</td>
<td>1,200</td>
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<tr>
<td>4 feet by 3 feet</td>
<td>6,360</td>
<td>6 feet by 6 feet</td>
<td>1,200</td>
<td>6 ½ feet by 6 ½ feet</td>
<td>1,031</td>
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#### Quantity of Seed Usually Sown per Acre

<table>
<thead>
<tr>
<th>Seed</th>
<th>oz. lbs.</th>
<th>Seed</th>
<th>oz. lbs.</th>
<th>Seed</th>
<th>oz. lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>25</td>
<td>Corn, Jerusalem</td>
<td>6</td>
<td>Millet, Pearl broadcast</td>
<td>30</td>
</tr>
<tr>
<td>Artichoke, Jerusalem</td>
<td>1</td>
<td>&quot; Kaffir&quot;</td>
<td>10</td>
<td>&quot; Milo Maid&quot;</td>
<td>10</td>
</tr>
<tr>
<td>&quot; Jerusalem (tubers)&quot;</td>
<td>300</td>
<td>&quot; Okra&quot;</td>
<td>8</td>
<td>&quot; Oats&quot;</td>
<td>80</td>
</tr>
<tr>
<td>Asparagus</td>
<td>5</td>
<td>&quot; Cress&quot;</td>
<td>4</td>
<td>&quot; Okra&quot;</td>
<td>10</td>
</tr>
<tr>
<td>Barley</td>
<td>100</td>
<td>&quot; Cucumber&quot;</td>
<td>2</td>
<td>&quot; Onion, seed for dry bulbs&quot;</td>
<td>5</td>
</tr>
<tr>
<td>Beans, Bush drills</td>
<td>80</td>
<td>&quot; Egg Plant&quot;</td>
<td>4</td>
<td>&quot; &quot;</td>
<td>&quot; sets&quot;</td>
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<tr>
<td>&quot; Lima&quot;</td>
<td>40</td>
<td>&quot; Endive&quot;</td>
<td>3</td>
<td>&quot; Onion Sets&quot;</td>
<td>250</td>
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<tr>
<td>&quot; Pole, Hills&quot;</td>
<td>30</td>
<td>&quot; Flax for seed&quot;</td>
<td>25</td>
<td>&quot; Parsley&quot;</td>
<td>8</td>
</tr>
<tr>
<td>&quot; Lima&quot;</td>
<td>30</td>
<td>&quot; Grass, Bermuda&quot;</td>
<td>8</td>
<td>&quot; Parsnip&quot;</td>
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<td>Beet, Table</td>
<td>6</td>
<td>&quot; Brome&quot;</td>
<td>40</td>
<td>&quot; Peanuts&quot;</td>
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<tr>
<td>&quot; Stock&quot;</td>
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<td>&quot; Crested Dogstail&quot;</td>
<td>25</td>
<td>&quot; Peas, beans&quot;</td>
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<td>&quot; Sugar&quot;</td>
<td>15</td>
<td>&quot; Ky, Blue for pasture&quot;</td>
<td>50</td>
<td>&quot; &quot;</td>
<td>&quot; broadcast&quot;</td>
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<tr>
<td>Broom Corn drills</td>
<td>12</td>
<td>&quot; &quot;</td>
<td>&quot; for lawns&quot;</td>
<td>150</td>
<td>&quot; Pepper&quot;</td>
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<tr>
<td>Broccoli</td>
<td>6</td>
<td>&quot; Orach&quot;</td>
<td>40</td>
<td>&quot; Potatoes, cut tubers&quot;</td>
<td>600</td>
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<tr>
<td>Brussels sprouts</td>
<td>8</td>
<td>&quot; Rye grass Perennial for Pasture&quot;</td>
<td>40</td>
<td>&quot; &quot;</td>
<td>&quot; sweet, plants&quot;</td>
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<tr>
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<td>48</td>
<td>&quot; Rye, Perennial for lawns&quot;</td>
<td>75</td>
<td>Pumpkin</td>
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<td>Cabbage, early</td>
<td>8</td>
<td>&quot; Italian&quot;</td>
<td>30</td>
<td>&quot; Radish&quot;</td>
<td>10</td>
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<tr>
<td>&quot; late&quot;</td>
<td>4</td>
<td>&quot; Red Top&quot;</td>
<td>30</td>
<td>&quot; Rhubarb&quot;</td>
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<td>&quot; Timothy&quot;</td>
<td>20</td>
<td>&quot; Rye&quot;</td>
<td>100</td>
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<tr>
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<td>&quot; Hungarian&quot;</td>
<td>40</td>
<td>&quot; Salsify&quot;</td>
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<tr>
<td>Cauliflower</td>
<td>6</td>
<td>&quot; Mesquite&quot;</td>
<td>30</td>
<td>&quot; Sorghum, for fodder&quot;</td>
<td>150</td>
</tr>
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<td>Celery</td>
<td>4</td>
<td>&quot; Hemp&quot;</td>
<td>12</td>
<td>&quot; &quot;</td>
<td>&quot; for Syrup&quot;</td>
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<td>20</td>
<td>&quot; Kohl Rabi&quot;</td>
<td>50</td>
<td>Spinach</td>
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<td>&quot; White&quot;</td>
<td>15</td>
<td>&quot; Leek&quot;</td>
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<td>&quot; Running&quot;</td>
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<td>&quot; Egyptian&quot;</td>
<td>12</td>
<td>&quot; Melon, musk&quot;</td>
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<td>Tobacco</td>
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<td>&quot; Alsike&quot;</td>
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<td>&quot; water&quot;</td>
<td>4</td>
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<td>&quot; Turnip broadcast&quot;</td>
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</tr>
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<td>6</td>
<td>&quot; &quot;</td>
<td>&quot; drills&quot;</td>
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<td>&quot; field&quot;</td>
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<td>&quot; Vetches, broadcast&quot;</td>
<td>100</td>
<td>&quot; Rutabaga&quot;</td>
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<tr>
<td>&quot; for fodder&quot;</td>
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<td>&quot; Wheat&quot;</td>
<td>100</td>
<td>&quot; &quot;</td>
<td>&quot; &quot;</td>
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#### Weights per Buishel

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<th>Seed</th>
<th>lbs.</th>
<th>Seed</th>
<th>lbs.</th>
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</thead>
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<tr>
<td>Alfalfa</td>
<td>60</td>
<td>Corn, Kaffir</td>
<td>50</td>
<td>Hemp</td>
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<td>&quot; Shelled&quot;</td>
<td>50</td>
<td>Millet</td>
<td>50</td>
</tr>
<tr>
<td>Barley</td>
<td>48</td>
<td>&quot; Pop&quot;</td>
<td>70</td>
<td>&quot; Milo Maid&quot;</td>
<td>50</td>
</tr>
<tr>
<td>Beans, bush and pole</td>
<td>60</td>
<td>Flax Seed</td>
<td>50</td>
<td>Onions</td>
<td>57</td>
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<tr>
<td>&quot; Castor&quot;</td>
<td>46</td>
<td>&quot; Brome&quot;</td>
<td>14</td>
<td>&quot; Peanuts&quot;</td>
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<td>Broom Corn Seed</td>
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<td>&quot; Crested Dogstail&quot;</td>
<td>20</td>
<td>&quot; Peas, round seeded&quot;</td>
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<td>&quot; &quot;</td>
<td>&quot; sweet&quot;</td>
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<td>14</td>
<td>&quot; Rye&quot;</td>
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<td>&quot; Japanese&quot;</td>
<td>25</td>
<td>&quot; Rye Grass Italian&quot;</td>
<td>20</td>
<td>&quot; Vetches&quot;</td>
<td>60</td>
</tr>
<tr>
<td>Corn, Egyptian</td>
<td>50</td>
<td>&quot; Turkish&quot;</td>
<td>45</td>
<td>&quot; Wheat&quot;</td>
<td>60</td>
</tr>
<tr>
<td>&quot; Jerusalem&quot;</td>
<td>50</td>
<td>&quot; &quot;</td>
<td>&quot; &quot;</td>
<td>&quot; &quot;</td>
<td>&quot; &quot;</td>
</tr>
</tbody>
</table>

[34]
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 horticulture 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 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 Perennials are those that flower in 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 half-way thin with moist soil, placed on 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 day up the plants. When the first flowers 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 to 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, 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.

GERMAIN’S COLLECTION OF FLOWER SEEDS

SPECIAL OFFER

These are put up in separate packets, each labeled with the name, and all enclosed in an envelope labeled with the number of varieties contained therein.

Collection No. 1.
25 fine vars. of Annual and Perennial flower seeds. $1.00

Collection No. 2.
12 vars. Annual and Perennial flower seeds........ 50

Collection No. 3.
12 beautiful vars. Climbing and Trailing plants.. 50

Collection No. 4.
6 beautiful vars. Climbing and Trailing plants.. 25

Collection No. 5.
6 fine vars. of Everlasting flowers.................. 25

Collection No. 6.
6 choice vars. of Tom Thumb Nasturtiums......... 25

Collection No. 7.
6 choice vars. of Tall or Climbing Nasturtiums... 25

Collection No. 8.
6 beautiful vars. of Ornamental Gourds........... 25

Collection No. 9.
4 grand vars. of Passion Flowers.................. 50

Collection No. 10.
6 fine vars. of Ornamental Grasses................ 25

[35]
## SEEDS OF ANNUALS

All 5c. packets at 50 cts. per doz.; 10c. pkts. at $1 doz.; 15c. pkts. $1.50 doz.; 25c. pkts. $2.50 doz.

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Height</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABRONIA unibellata</td>
<td>(Sand Verbena). Delicate rose. Beautiful native trailer.</td>
<td>Height ¾ ft.</td>
<td>$0.05</td>
</tr>
<tr>
<td>ADONIS Flos</td>
<td>(Pheasant's Eye). Crimson, with black eye. A beautiful showy, free-flowering plant.</td>
<td>Height 1 ft.</td>
<td>$0.05</td>
</tr>
<tr>
<td>AGERATUM Mexicanum</td>
<td>Fine for bedding or mixed borders.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imperial Dwarf Blue</td>
<td>Height ¾ ft.</td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Imperial Dwarf White</td>
<td>Height ¾ ft.</td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>ALYSSUM, B.</td>
<td>Well-known fragrant annuals. Sweet. White. Height ¾ ft.</td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Sweet Compact Dwarf, White, Height one-third ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>AMARANTHUS, Hh.</td>
<td>The Amaranthuses are splendid plants to give a tropical effect in mixed borders and shrubbery. Plant in sunny places and poor soil.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melancholicus (Ruber). Blood-red. Height 1 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Salmonfluores (Poul's) Tulip pink, purple, crimson and gold. Height 3 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Telegar (Joseph's Coat). Red, green and yellow.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AGERATUM MEXICANUM, IMP. DWARF BLUE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>ANAGALLIS (Pimpernel). Mixed various colors. Free-blooming, attractive plant for borders. Height ¼ ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>ARCTOTIS grandis</td>
<td>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.</td>
<td></td>
<td>$0.10</td>
</tr>
<tr>
<td>ARGEMONE (Mexican Poppy). Mixed, white and yellow. Very showy. Height 2 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>ARNHEIMIA coronaria (Arabian Primrose). B. Yellow, spotted with black or maroon. Height 1½ ft.</td>
<td></td>
<td>$0.15</td>
<td></td>
</tr>
<tr>
<td>ASTER, American Branching. Crimson Flesh-pink. Rose-pink, Lavender, White, Purple and Mixed. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Betteridge's Quilled</td>
<td>Mixed. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
</tr>
<tr>
<td>Coeruleum, or Crown. White centers mixed. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Dwarf Pyramidal Bouquet</td>
<td>Mixed. Height ¾ ft.</td>
<td></td>
<td>$0.10</td>
</tr>
<tr>
<td>Dwarf Chrysanthemum flowered. Mixed. 1 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Giant Comet. Azure-blue. Height 2 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Giant Branching Comet, Carmine. Height 2 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Giant Branching Comet, White. Height 2 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Giant Branching Comet, Mixed. Height 2 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Lady, Mixed. Height 1 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Trufnut's Peony-flowered Perfection. Mixed. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>TRIPHYLLUM, IMP.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>BROWALLIA Elata. Hh. Mixed. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>CACALIA coccula (Flora's Paint Brush). B. Scarlet. Height ¾ ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>CALANDRINA unibellata</td>
<td>Portulaca-like plants, fond of sunshine, well-suited for rock-work. Vivid crimson. Height ½ ft.</td>
<td></td>
<td>$0.05</td>
</tr>
<tr>
<td>CALCIFOLIA hybrid superba. T. The need 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.</td>
<td></td>
<td>$0.50</td>
<td></td>
</tr>
<tr>
<td>CALIENDULA officinalis (Pot Marigold). Of easy culture. Meteor. Yellow striped and bordered orange. Height 1½ ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Prince of Orange. Height ¾ ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>CALLIPSIS. Also called Coreopsis. B. See Perennials. Bicolor. Yellow and brown. Height 2 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Coronata. Yellow, large-flowered. Height 2 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Fine Mixed. All colors. Height 2 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>CANDYTUFT. B. Good for bedding in masses. Carter's Carniolan. Height 1 ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Empress. White. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Little Prince. White. Height 1½ ft.</td>
<td></td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>Purple. Height 1 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>White. Height ½ ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>White, Fragrant. Height 1 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>Fine Mixed. All colors. Height 1 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
<tr>
<td>CATCHFLY. Fine mixed. Height 1 ft.</td>
<td></td>
<td>$0.05</td>
<td></td>
</tr>
</tbody>
</table>

### ARCTOTIS GRANDIS

- **BROWALLIA Elata.** Hh. Mixed. Height 1½ ft...
- **CACALIA coccula (Flora's Paint Brush).** B. Scarlet. Height ¾ ft. ...
- **CALANDRINA unibellata.** Portulaca-like plants, fond of sunshine, well-suited for rock-work. Vivid crimson. Height ½ ft. ...
- **CALCIFOLIA hybrid superba. T.** The need 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. ...
SEEDS OF ANNUALS (Continued)

**CELOSIA.** Hh. Celosia cristata is the Cock's-comb; Celosia pyramidalis is the feathered variety.

- Cristata, Finest Mixed. Height ¾ to 1 ft. ...
- Cristata, Empress. Dwarf, crimson, splendid. Height ¾ ft. ...
- Cristata, Glasgow Prize. Crimson. Height 1 ft. ...
- Pyramidalis. Mixed. Height 2 ft. ...

**CENTAUREA.** B. The Cyamus 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 2 ft.
- Chameleon. Flowers similar in shape to C. Margaretae, but varying in color, from light yellow or straw-color to pink and yellow, or light rose. Height 1½ ft.
- Cyamus, White. Height 2 ft.

**CENTRANTHUS.** B. Mixed, various colors. Showy annuals, with valerian-like flowers. Height 1 ft.

**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.
- Tricolor burridgeanum. White, with crimson ring. Height 2 ft.
- Cornarium, Double White. Height 2 ft.
- Coronarium, Double Yellow. Height 2 ft.
- Morning Star. New beautiful pale yellow flowers, fine for cutting.

**CINERARIA hybrid.** T. (See also Perennials.) Valuable winter and spring flowering pot plants for window or greenhouse culture. Choice mixed. Height 1 ft.

**CLARKIA elegans.** Double rose. Height 1½ ft.

**CLINTONIA pulchella.** Pretty for rock work. Blue, white and yellow. Height ½ ft.

**COLLINSIA bicolor.** Purple and white. Height 1 ft.

**CONVOLVULUS minor.** (Dwarf Morning-glory). Mixed colors. Height 1 ft.

**CORN FLOWER.** (See Centaurea.)

**COSMOS.** B. Showy flowers of easy cultivation.

- Lady Lennox. A delightful shell-pink, 4 to 5 inches in diameter. Height 1½ ft.
- Pink. Height 4 ft.
- Fine Mixed. Height 4 ft.
- Mammoth Perfection, White. Height 4 ft.
- Mammoth Perfection, Crimson. Height 4 ft.
- Mammoth Perfection, Pink. Height 4 ft.
- Mammoth Perfection Yellow. Height 4 ft.

**COSMIDIUM Burridgeanum.** B. Resembles Callicarpa. Maroon and yellow. Height 2 ft.

**DATURA Huberiana.** Hh. Double Mixed. Height 3 ft.

**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 biotch at the base of each petal, forming a maltese cross in the center of the flower.

- California. Yellow. Height 1 ft.
- Crimson Flowering. (Hurbanks').
- White and Carnation. Height 1 ft.
- Orange. Height 1 ft.
- Orange, Double. Height 1 ft.
- White. Height 1 ft.
- White, Double. Height 1 ft.
- Rose Cardinal. Height 1½ ft.
- Mandarin. Orange and mandarin red. Height 1½ ft.
- Fine Mixed. All sorts. Height 1 ft.
- EUTOCA, Mixed. B. Various colors. Height ½ ft.
- PENZIA diasthila. Pink and white. Height ½ ft.

**GAURA Lindheimeri.** Rosy white. Fine for masses or mixed borders. Height 3 ft.

**GILIA tricolor.** Violet, yellow and white. Height 1 ft.

**Dunef Sorts.** Mixed. Height ½ ft.

**GODETTIA.** Splendid, profuse blooming annuals for borders and groups.

- Duchess of Albany. Large white. Height 1½ ft.
- Gloriosa. Dark blood-red with satin luster. Height ¾ ft.
- Lady Abercrombie. Dark Crimson. Height 1½ ft.
- Rubicunda splendens. Red. Height 1½ ft.
<table>
<thead>
<tr>
<th>Seed Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GODETIA—Continued</td>
<td></td>
</tr>
<tr>
<td><strong>Annuals</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Amaranthus</strong></td>
<td>Ornamental double varieties of the well-known Sunflower. Good for backgrounds.</td>
</tr>
<tr>
<td><strong>Calendula</strong></td>
<td>Double, Height 6 ft.</td>
</tr>
<tr>
<td><strong>Cucumis</strong></td>
<td>&quot;Helianthus&quot; single. Golden yellow. Height 3½ ft.</td>
</tr>
<tr>
<td><strong>Globularis</strong></td>
<td>Double-quilled. Height 6 ft.</td>
</tr>
<tr>
<td><strong>Hibiscus</strong></td>
<td>Yellow, with dark center. Height 2 ft. See, also Perennials.</td>
</tr>
<tr>
<td><strong>ICE PLANT (Mesembryanthemun cristallinum)</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Kaufmania</strong></td>
<td>(Cape Marguerite). B. Mixed. Height 1 ft</td>
</tr>
<tr>
<td><strong>Larkspur</strong></td>
<td>Dwarf Rocket. Mixed. Height 2 ft.</td>
</tr>
<tr>
<td><strong>Emperor</strong></td>
<td>Azure Blue. Height 2½ ft.</td>
</tr>
<tr>
<td><strong>Emperor Rose</strong></td>
<td>Height 5½ ft.</td>
</tr>
<tr>
<td><strong>Lavatera</strong></td>
<td>Trisemis. Red. Height 2½ ft.</td>
</tr>
<tr>
<td><strong>Leptosiphon</strong></td>
<td>Hybrids. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Limnanthes</strong></td>
<td>Dog Dahlia. Sometimes yellow or white. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Love-lies-bleeding (Amaranthus caudatus)</strong></td>
<td>Crimson. Height 2½ ft.</td>
</tr>
<tr>
<td><strong>Lobelia</strong></td>
<td>Pretty plants for edging or hanging baskets. See, also Perennials.</td>
</tr>
<tr>
<td><strong>Mirabilis</strong></td>
<td>Erecta. Blue. Height ½ ft.</td>
</tr>
<tr>
<td><strong>Erlis cerea</strong></td>
<td>Crystal Palace Compacta. Dark blue. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>M. Mixed</strong></td>
<td>Willy Wonka. Height ½ ft.</td>
</tr>
<tr>
<td><strong>Love laces</strong></td>
<td>Mixed. Height 2½ ft.</td>
</tr>
<tr>
<td><strong>Lavatera</strong></td>
<td>Trisemis. Red. Height 2½ ft.</td>
</tr>
<tr>
<td><strong>Matisia laevis</strong></td>
<td>Dwarf Orange. Height 1 ft.</td>
</tr>
<tr>
<td><strong>French Dwarf</strong></td>
<td>Orange. Height 1 ft.</td>
</tr>
<tr>
<td><strong>French Dwarf Striped</strong></td>
<td>Height 1½ ft.</td>
</tr>
<tr>
<td><strong>French Legion of Honor</strong></td>
<td>Golden Yellow, marked with yellow. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>LOBELIA</strong></td>
<td>Mixed, Height 1 ft.</td>
</tr>
<tr>
<td><strong>MIRABILIS</strong></td>
<td>Mixed. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>MIRABILIS</strong></td>
<td>Erecta. Mixed. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>MIGNONETTE</strong></td>
<td>Sweet. B. Greenish white. Height ½ ft.</td>
</tr>
<tr>
<td><strong>MAGNOLIA</strong></td>
<td>Purple. Rose and white. Trailer.</td>
</tr>
<tr>
<td><strong>MIGNONETTE</strong></td>
<td>Sweet. B. Greenish white. Height ½ ft.</td>
</tr>
<tr>
<td><strong>M. Mixed</strong></td>
<td>Mixed. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Alcea's Defiance</strong></td>
<td>The best variety for forcing. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Golden Queen</strong></td>
<td>Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Maclura</strong></td>
<td>Fine for pot culture. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Miles' Hybrid Spiral</strong></td>
<td>Very large spikes. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Perfection</strong></td>
<td>White. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Victoria</strong></td>
<td>Red; very fine. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>The last six kinds are extra fine</strong></td>
<td></td>
</tr>
<tr>
<td><strong>NASTURTIUM—TOM THUMB</strong></td>
<td>Aurora. Tera-cotta. Height 1 ft.</td>
</tr>
<tr>
<td><strong>Brooke. Distinct.</strong></td>
<td>Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Chameleon</strong></td>
<td>A fine variety producing different flowers on the same plant. Height 1 ft.</td>
</tr>
<tr>
<td><strong>Cloth of Gold</strong></td>
<td>Light scarlet, yellow foliage. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Dark Crimson</strong></td>
<td>Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Empress of India</strong></td>
<td>Dark leaves and crimson flowers. Height ½ ft.</td>
</tr>
<tr>
<td><strong>Golden King</strong></td>
<td>Dark foliage. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Larkspur</strong></td>
<td>King of Tom Thumbs. Deep magenta, scarlet flowers. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>King Theodore</strong></td>
<td>Nearly black. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Ladybird</strong></td>
<td>Orange-yellow, red spots. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Perry White</strong></td>
<td>White. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Red Garnet</strong></td>
<td>Purplish violet. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Ruby Red</strong></td>
<td>Light scarlet. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Scarlet</strong></td>
<td>Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Yellow</strong></td>
<td>Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Finaest Mixed.</strong></td>
<td>Mixed. Height 1½ ft.</td>
</tr>
<tr>
<td><strong>Lilliput</strong></td>
<td>A new and distinct class, in every respect smaller than the Tom Thumb.</td>
</tr>
<tr>
<td><strong>Flowers of various colors.</strong></td>
<td>Height ½ ft.</td>
</tr>
<tr>
<td><strong>Bitter Tull Nasturtium, see Chibbing Plants.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>NEMOPHILA</strong></td>
<td>(Love Grove). Charming California annuals for borders.</td>
</tr>
<tr>
<td><strong>Insignis (Baby Blue Eyes)</strong></td>
<td>Beautiful sky blue. Height ½ ft.</td>
</tr>
<tr>
<td><strong>Marquita</strong></td>
<td>Light pink with purple blotch. Height ½ ft.</td>
</tr>
<tr>
<td><strong>Fine Mixed</strong></td>
<td>Height ½ ft.</td>
</tr>
<tr>
<td><strong>NICOTIANA</strong></td>
<td>(Ornamental Tobacco). White and fragrant. Height ½ ft.</td>
</tr>
<tr>
<td><strong>Salvia</strong></td>
<td>Large flowering hybrids, very showy, a profuse bloomer, easily raised from seed.</td>
</tr>
<tr>
<td><strong>Mixed. All colors.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>NIGELLA</strong></td>
<td>(Love-in-a-Mist or Devil-in-the-bush). B. Singular flowers. The upper petals being reflexed to resemble horns.</td>
</tr>
</tbody>
</table>
### SEEDS OF ANNUALS (Continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Height</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOLANA</td>
<td>Fine mixed, Trailer.</td>
<td></td>
<td>0.50</td>
</tr>
<tr>
<td>OXYURA chrysanthemoides</td>
<td>Yellow and white. Height 1 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>PANSY</td>
<td>(See list of Perennials.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PERICLUM</td>
<td>Hh. Very dark leaves. Height 1½ ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>PHLOX Drummondii</td>
<td>Well-known showy plants for bedding. White. Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Double Yellow</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.15</td>
</tr>
<tr>
<td>Bright Scarlet</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Red Poppy</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Grandiflora</td>
<td>Chamois-rose. Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Fine Mixed</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Rose</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Pink</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Large-flowering</td>
<td>Fine mixed. Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Very Inemis</td>
<td>Bigoli red foliages. Height ½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Very Dwarf, Extra Fine Mixed</td>
<td>Height ½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Cuspidata (Star Phlox)</td>
<td>Mixed. Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>PLATYCODON grandiflorus</td>
<td>(Cream Cups). Yellow. Height 1 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>POPPY, Carnation, Double White</td>
<td>Height 2 to 3 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Double Mixed</td>
<td>Mixed. Height 2 to 3 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Danecior</td>
<td>Scarlet, blotched white. Height 2 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>French, or Ranaeulus-flowered</td>
<td>Mixed. Height 2 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Milka Yellow</td>
<td>Scarlet and crimson, double-fringed. Height 2 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Miss Sherwood</td>
<td>The flowers are from 4 to 5 inches across, pure sathiny white-tinged with chamois-rose. Height 2½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Sweet-flowered Fine Mixed</td>
<td>Height 2 to 3 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Shirley, Santa rosa Strain</td>
<td>The best and most varied strains of this species, including the new striped salmon and blush shades. Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Shirley, Mixed</td>
<td>A distinct race, fine. Height 2 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Turk's Cap</td>
<td>Scarlet. Height 1½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Umbroosa</td>
<td>Scarlet-crimson. Height 1½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>PORTULACA</td>
<td>Single. Yellow, white, scarlet, crimson and mixed. Height ½ ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Double</td>
<td>Exhibiting a display of various colors. The Portulaca is unrivalled. It revels in sunshine, and will stand quite a degree of drought. White, Golden, Pink, and Mixed. Height ½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>RICINUS Cambarges (Ornamental Caster Beans)</td>
<td>Leaves and stems nearly black; very fine. Height 5 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>SANDWICH</td>
<td>Yellow, red foliage. Height 6 ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>SALPIGLOSSIS</td>
<td>Hh. Flowers are somewhat like Petunias, with veined, velvety surface.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Finest Tall Mixed</td>
<td>Height 1½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>SANTIVALIA</td>
<td>Profuse-blooming trailing plants for beds, rock-work, etc. Sometimes called the Trailing Sunflower</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Procumbens</td>
<td>Single. Yellow. Trailer.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Double Yellow</td>
<td>Trailer.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAPINDUS Calabracea (Calabrian Pick of the Aupark)</td>
<td>Pink. Height ½ ft.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>SCABIOSA</td>
<td>(Mourning Bride). A well-known border plant. free-blooming and fragrant.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Azure Fairy</td>
<td>Delicate Lavender. Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Tall Double Flesh Color</td>
<td>Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Tall Double Yellow</td>
<td>Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Tall Double White</td>
<td>Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Tall, Double Mixed</td>
<td>Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Dwarf, Double Mixed</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>SCHIZANTHUS</td>
<td>Of much interest and beauty, flowers being beautifully marked, after style of some Orchids. Finest. Finest Mixed. Height 1½ ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Silene</td>
<td>Fine for bedding or edging.</td>
<td></td>
<td>0.65</td>
</tr>
<tr>
<td>Pendula compacta</td>
<td>Red. Height ½ ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Compacta</td>
<td>Double red. Height ½ ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>STOCKS</td>
<td>For intermediate, Brompton and other Stocks, see Perennials. Stocks offered 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. Largest sized see cut page 40. Crimson, Pink, chamois, Light Blue, Rose, Yellow, White and Finest Mixed. Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Owl-eye</td>
<td>Light Blue, Dark Blue, White. Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Finest Mixed</td>
<td>Height 2 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Princess</td>
<td>(Ornamental Aupark). White. Height 1½ ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Wallflower-leaved</td>
<td>Snowflake. Pure white. Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Wallflower-leaved, Finest Mixed</td>
<td>Height 1 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>SUNFLOWER (See Helianthus)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWEET SULTAN</td>
<td>(See Centaurea.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SWEET WILLIAM (See list of climbers)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TAGETES signata puntila</td>
<td>Yellow, striped brown. Fine for bedding. Height ½ ft.</td>
<td></td>
<td>0.05</td>
</tr>
</tbody>
</table>
### Seeds of Everlasting Flowers

These are greaty admired and highly prized for Winter Bouquets. They should be cut when partially expanded, and hung with their heads downward until thoroughly dry.

<table>
<thead>
<tr>
<th>Seed Name</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACROCLINIUM, Single</strong></td>
<td>$0.05</td>
</tr>
<tr>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td>Mixed</td>
<td>$0.05</td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td>Double White</td>
<td></td>
</tr>
<tr>
<td>50 per cent double flowers</td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Double Pink</td>
<td></td>
</tr>
<tr>
<td>50 per cent double flowers</td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td>$0.10</td>
</tr>
<tr>
<td><strong>ANTHODEUM</strong>, Single</td>
<td>$0.05</td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>ANNUAL AMARANTHUS</strong>, Single</td>
<td>$0.05</td>
</tr>
<tr>
<td>Purple</td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>DWARF POKE-BERRY</strong>, Single</td>
<td>$0.10</td>
</tr>
<tr>
<td>Height 2 ft.</td>
<td></td>
</tr>
<tr>
<td>Tall, Double, White</td>
<td></td>
</tr>
<tr>
<td>Height 2 ft.</td>
<td>$0.10</td>
</tr>
<tr>
<td>Tall, Double, Mixed</td>
<td></td>
</tr>
<tr>
<td>Height 2 ft.</td>
<td>$0.10</td>
</tr>
<tr>
<td><strong>RHODANTHE</strong>, Single</td>
<td>$0.05</td>
</tr>
<tr>
<td>Mixed</td>
<td></td>
</tr>
<tr>
<td>Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>XERANTHEMUM</strong>, Single</td>
<td>$0.05</td>
</tr>
<tr>
<td>Double, mixed</td>
<td></td>
</tr>
<tr>
<td>Height 2 ft.</td>
<td></td>
</tr>
</tbody>
</table>

### Ornamental Gourds and Cucurbitaceae

<table>
<thead>
<tr>
<th>Seed Name</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ABOBRA viridiflora</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>Greenish flowers; a tuberous perennial gourd, with pretty scarlet fruits. Height 6 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>BRYONOPSIS incisa</strong>, Single</td>
<td>$0.10</td>
</tr>
<tr>
<td>Very ornamental, with pleasing cut foliage and bright-colored fruits.</td>
<td></td>
</tr>
<tr>
<td>Height 5 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>CUCURBITA maxima</strong>, Single</td>
<td>$0.10</td>
</tr>
<tr>
<td>(Cucurbita flexuosa). Wild</td>
<td></td>
</tr>
<tr>
<td>Very curious. Height 4 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>GOURD, Bottle-shaped</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>White flowers. Height 10 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>CALABASH</strong>, Single</td>
<td>$0.10</td>
</tr>
<tr>
<td>Height 10 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>EGG-SHAPED “nest-egg”</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>Height 10 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>GOOSEBERRY</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>Smallest. Height 10 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>HERACLEUM</strong>, Single</td>
<td>$0.05</td>
</tr>
<tr>
<td>Club. Fruits 7 to 8 feet in length. Height 15 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>ORANGE-SHAPED (Mock Orange)</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>Height 15 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>PEARS-SHAPED</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>Height 10 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>Serpent</strong> (Trichosanthes culebrina). Very long and cuffed.</td>
<td></td>
</tr>
<tr>
<td>Height 10 ft.</td>
<td>$0.05</td>
</tr>
<tr>
<td><strong>SUGAR TRough</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>Enormous, holding several gallons. Height 15 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>MOMORDICA</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>The Momordicas are very handsome. The fruits burst when ripe, exposing the bright orange-scarlet interior, which resembles a handsome flower.</td>
<td></td>
</tr>
<tr>
<td><strong>BALSAMINA</strong> (Balsam Apple)</td>
<td>Height 6 ft.</td>
</tr>
<tr>
<td><strong>CHARCINTA</strong> (Balsam Pear)</td>
<td>Height 5 ft.</td>
</tr>
<tr>
<td><strong>ORNAMENTAL GOURDS</strong></td>
<td>$0.05</td>
</tr>
<tr>
<td>Finest mixed kinds.</td>
<td></td>
</tr>
</tbody>
</table>

### Seeds of Climbing Plants

<table>
<thead>
<tr>
<th>Seed Name</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADLUMIA cirrhosa</strong></td>
<td>$0.10</td>
</tr>
<tr>
<td>The graceful Allegheny Vine; also Mountain Fringe. Pink. Height 8 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>AMPHITROPSIS</strong></td>
<td>$0.10</td>
</tr>
</tbody>
</table>

**SEEDS OF ANNUALS (Continued)**

<table>
<thead>
<tr>
<th>Seed Name</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TORENIA Fournierii</strong></td>
<td>$0.15</td>
</tr>
<tr>
<td>A. A valuable plant for pots, baskets or borders. Violet, with lilac and yellow. Height ¾ ft.</td>
<td></td>
</tr>
<tr>
<td><strong>VENUS’ LOOKING-GLASS</strong></td>
<td></td>
</tr>
<tr>
<td>Pretty bell-shaped flowers, blooming profusely, well adapted for edging and hanging baskets. Blue. Height ¾ ft.</td>
<td></td>
</tr>
<tr>
<td><strong>VIRGINIAN STOCK</strong></td>
<td></td>
</tr>
<tr>
<td>Red, white and mixed. Height ½ ft.</td>
<td></td>
</tr>
<tr>
<td><strong>VINCUM coel-alumina</strong></td>
<td>$0.05</td>
</tr>
<tr>
<td>(Rose of Heaven). Pink. Height ¾ ft.</td>
<td></td>
</tr>
<tr>
<td><strong>Elegans perennis</strong></td>
<td></td>
</tr>
<tr>
<td>Rose and scarlet. Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>GEUM</strong></td>
<td></td>
</tr>
<tr>
<td>Rose, dark eye. Height 1 ft.</td>
<td></td>
</tr>
<tr>
<td><strong>WHITLAWIA grandiflora</strong></td>
<td>$0.05</td>
</tr>
<tr>
<td>Violet. Height ½ ft.</td>
<td></td>
</tr>
<tr>
<td><strong>GILONIMIA</strong></td>
<td></td>
</tr>
<tr>
<td>White and blue. Height ½ ft.</td>
<td>$0.05</td>
</tr>
<tr>
<td><strong>ZINKEI</strong></td>
<td></td>
</tr>
<tr>
<td>(Youth and Old Age). B. Of great beauty and variety of color.</td>
<td></td>
</tr>
<tr>
<td>Finest Double Mixed. Height 2 ft.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Dwarf. Double mixed. Height 1 ft.</td>
<td>$0.05</td>
</tr>
<tr>
<td>Mammoth. Double mixed. Height 3 ft.</td>
<td>10</td>
</tr>
<tr>
<td>Hangeaux, fl. pi. Double, yellow. Height 1 ft.</td>
<td>10</td>
</tr>
</tbody>
</table>

---

**FLOWER GERMAN'S SEEDS**

**LARGE FLOWERED STOCK**

**GLOBE AMARANTHUS**

**EGG-SHAPED GOURD**

---
SEEDS OF CLIMBING PLANTS (Continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANTIGONON leptopus (Rosa de montana)</td>
<td>P. One of the most elegant climbers known. Native of Mexico. Rose</td>
<td>$0.15</td>
</tr>
<tr>
<td>ARINTHEHE (French China Aloe). Hsp. Chocolate and purple. Height 20 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Sipho (Dutchman's Pipe). P. Very odd-looking and interesting. Yellow and brown. Height 10 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>AUSTRALIAN BIGNONE. See Dolichos lignosus VINE.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>BALLOON VINE. Hsp. Bears a pretty, inflated capsule. White and green. Height 8 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>BIGNONE (Dutchman's Pipe). P. Sometimes classed with Tecoma. Robust, hardy climber. Very ornamental.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Radicans, Orange-scarlet. Height 15 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Siphophilus (Dutchman); Orange; distinct foliage. Height 10 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>TWEDDILLIUM. Bright Yellow; evergreen. Height 20 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>CANNALETA FLOWER (Virgin's Bower). Hsp. A charming annual vine with delicate foliage. Flowers yellow. Height 8 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>CLEMATIS (Virgin's Bower). P. well-known, profuse flowering climbers. The seed requires several months to germinate.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Planifolia, White. Height 10 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Viticella, Purple. Height 10 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Jackman's New Hybrids. Mixed. Height 10 ft.</td>
<td></td>
<td>25</td>
</tr>
<tr>
<td>CLANTHUS puzicus (New Zealand Parrot's Bill). P. A very handsome climber. Height 6 ft.</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>CLANTHUS ternatea. Hsp. Blue. Height 6 ft.</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>COBREA. P. Rapid-growing climbers, with bell-shaped flowers.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Scougia, Purple. Height 20 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Albca, White. Height 20 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Microstemonia. Yellowish green, tipped with violet; stamens of enormous length. Height 15 ft.</td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>CONVOLVULUS. A. The well-known Morning-Glories. Major, Blue. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Major, Crimson. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Major, Pink. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Major, Striped. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Major, White. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Major, Mixed. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Major, Double, White-veined purple. Height 10 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Aurea, Variegated. Very fine and rare. Height 10 ft.</td>
<td></td>
<td>0.15</td>
</tr>
<tr>
<td>CYPRESS VINE (Ipomoea quamoclit). Hsp. Well-known climbers, with handsome, delicate foliage. Scaevola, Height 8 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>White. Height 8 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Mixed. Height 8 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>DOLICHOS Lablab. Hsp. Mixed. Height 8 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Lignosus Alba.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Lignosus (Australian Pea). P. Rose and purple; one of the best climbers for a hot, dry climate. Height 15 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>ECCHROMOCARPUS scaber. P. Orange; very valuable to cover trellises. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>HUNTUS. A beautiful climber, which may be sown in open ground in spring, attaining immense proportions in a short time. Japanese Variegated</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Japonicus (Japanese Hop). A. Height 20 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Lupinus (Common Hop).</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>IMPERIAL JAPANESE MORNING GLORY. Hsp. Mixed, all colors. Very lax. Height 30 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>IPOMOEA. Heavenly Blue. Hsp. Light blue. Height 15 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>Learii (Blue Moon-flower). P. Splendid. Height 25 ft.</td>
<td></td>
<td>0.10</td>
</tr>
<tr>
<td>MEXICAN WHITE-HAB (True White Moon-Flower). Hsp. White.</td>
<td></td>
<td>0.15</td>
</tr>
<tr>
<td>KENNEDIA (Virgin's Bower). Purple. Height 10 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>KUDZU VINE (Pueraria Thunbergiana). Recently introduced from Japan. One of the most rapid-growing vines known. Will grow 50 feet in one season. The leaves are very large, making it a suitable plant for covering arbor, trellis, etc. Flowers are pea-shaped and rosy purple in color.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>LATTHIUS. P. Mixed rose and white. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>LOASA aurantecae (the Chilean Nettle Plant). Hsp. Has beautiful, interesting golden yellow flowers. Must be handled with gloves, as the leaves sting. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>LONICERA Tatarica (Tartarian Honeysuckle). P. Rose. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>MARANTHUS. (Chill Jasmine). P. Very fragrant. White. Height 15 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>MARRANDIA. White. Hsp. Height 8 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Purple. Height 8 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Fine Mixed. Height 8 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>MINA lobata. Ta. Very showy; a great favorite in this section. Rosy and white. Height 15 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>NASTURTIUM, Tall Chameleon. A new variety, producing flowers of different colors on the same plant. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Dark-Crimson. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>Edward Otto. Brownish lilac. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Heinemannii. Chocolate-color. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>King of the Dark-Moon, with dark lemon-striped flowers. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Orange. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Pearl. Creamy white. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Regallanu. Purplish violet. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Scarlet. Height 6 ft.</td>
<td></td>
<td>0.05</td>
</tr>
<tr>
<td>Vesuvius. Salmon-rose, dark-leaved; splendid. Height 6 ft.</td>
<td></td>
<td>10</td>
</tr>
</tbody>
</table>

MINE LORABAB

LADIES BONNET MADE FROM DISH RAG GOURD

CYPRESS VINE
SEEDS OF CLIMBING PLANTS (Continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Height</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow</td>
<td>6 ft</td>
<td>$0.05</td>
</tr>
<tr>
<td>Fine Mixed</td>
<td>6 ft</td>
<td>$0.05</td>
</tr>
<tr>
<td>PASSIFLORA caerulea</td>
<td>P. blue</td>
<td>10</td>
</tr>
<tr>
<td>Edeusa</td>
<td>P. mauve</td>
<td>10</td>
</tr>
<tr>
<td>PASSIFLORA rosacea</td>
<td>(incarnata)</td>
<td>15</td>
</tr>
<tr>
<td>White</td>
<td>3-angle stem</td>
<td>10</td>
</tr>
<tr>
<td>Fine Mixed</td>
<td>6 ft</td>
<td>10</td>
</tr>
</tbody>
</table>

The above collection comprises the most beautiful and useful varieties of Passion Flowers.

PHASEOLUS Caracalla (the Snail Vine). Hhp. Lilac-purple and white; very beautiful and interesting. Height 8 ft.

SMILAX. P. White; very useful for festooning, etc. Height 6 ft.

SOLOTA heirophylla (Climbing Bluebell). Hhp. A pretty climber, with charming intense blue flowers. Height 6 ft.

TACSONIA. Hhp. Beautiful climber, resembling Passiflora in foliage and flowers, colors varying from pink to crimson. Very ornamental. Height 6 ft.


TROPAEOLUM. A. Useful climber, which may be pegged down and used for bedding purposes. May also be grown in pots for winter flowering.

LOBELIUM. Spitfire. Vivid scarlet. Height 6 ft.

Fine Mixed. All colors. Height 6 ft.

WISTARIA Sinensis. P. A charming old-fashioned hardy climber, producing its pale blue flowers in large clusters in early spring. Light blue. Height 50 ft.

NEW SWEET PEAS

THE SPENCER OR ORCHID FLOWERING VARIETIES.

The character of these flowers are of healthy and vigorous growth and quite distinct from the standard sorts. They are very large, measuring from 2 to 2½ inches across with large frilled and wavy standards. Three and four of these beautiful flowers are borne on one good long stem, making them unsurpassed for vases and other decorative flower work.

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Astn. Ohu Spencer</td>
<td>Lavendar, suffused with mauve</td>
<td>$0.10</td>
</tr>
<tr>
<td>Countess Spencer (hybrid)</td>
<td>Organdic flowers of perfect form with round open waved standards. Beautiful shell-pink, deepening towards the edges, but sports to various shades. Per oz. 30 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Dainty Spencer</td>
<td>White, pink, wavy standards.</td>
<td>10</td>
</tr>
<tr>
<td>E. J. Castle</td>
<td>A large flowering variety; color, rich</td>
<td>10</td>
</tr>
<tr>
<td>Florence Morse Spencer</td>
<td>Blush white, edged pink, wavy standard.</td>
<td>10</td>
</tr>
<tr>
<td>Gladys Inwy</td>
<td>Clear light pink. A very large flower of open form with wavy standard. Per oz. 30 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Helen Lewis</td>
<td>In shape like the above, standard orange, wings rosy orange. Per oz. 15 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Helen Pierce</td>
<td>Mottled and wavy, shades of blue. Pure white. Per oz. 15 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Henry Eckford</td>
<td>Intense bright orange, wings shading to deeper rose-orange color. Per oz. 20 cts.</td>
<td>10</td>
</tr>
<tr>
<td>King Edward Spencer</td>
<td>Beautiful crimson scarlet.</td>
<td>10</td>
</tr>
<tr>
<td>Miss Arch Watkins</td>
<td>Beautiful pale pink, large size, with bold wavy standards. Per oz. 20 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Nora Wynn</td>
<td>The largest white flowers of fine form. Per oz. 20 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Princess Alice Spencer</td>
<td>Lavender.</td>
<td>10</td>
</tr>
<tr>
<td>Queen Alexandra</td>
<td>The finest bright scarlet large flower. Per oz. 15 cts.</td>
<td>10</td>
</tr>
<tr>
<td>White Spencer</td>
<td>Best pure white wavy standard.</td>
<td>10</td>
</tr>
<tr>
<td>White Wonder</td>
<td>White, wavy standards. Per oz. 15 cts.</td>
<td>10</td>
</tr>
<tr>
<td>Sunset Collection</td>
<td>Seven Orchid flowering varieties as per cover.</td>
<td>10</td>
</tr>
<tr>
<td>New and Orchid</td>
<td>Flowering varieties, mixed. Oz. 15c.</td>
<td>10</td>
</tr>
</tbody>
</table>

CHRISTMAS VARIETIES

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blanco Ferry</td>
<td>Extra early. Pink and white. Per oz. 10c.</td>
<td>0.05</td>
</tr>
<tr>
<td>Christmas Pink</td>
<td>Per oz. 25c.</td>
<td>10</td>
</tr>
<tr>
<td>Christmas White</td>
<td>Per oz. 25c.</td>
<td>10</td>
</tr>
<tr>
<td>Earliest of all Selected</td>
<td>Pink and white. Per oz. 10c.</td>
<td>0.05</td>
</tr>
<tr>
<td>Mont Blanc</td>
<td>Pure white. Very large. Per oz. 10</td>
<td>0.05</td>
</tr>
</tbody>
</table>

LEADING STANDARD Sorts

America. White ground, striped with blood-red.

Apple Blossom. White suffused with rosy carmine.

Aurora. White, striped and flaked with orange-salmon; very large.

Blanche Burpee. Pure white; large.

Blanche Ferry. Pink and white.

Countess of Cadogan. The first opened blossoms have purple standards, which turn to a clear bright blue.

Countess of Radnor, Improved (New Countess). Pure light lavender; very large.

SWEET PEAS—NEW ORCHID

Dorothy Eckford. The new white. One of the largest and purest whites. The best in existence.

Dorothy Peumann. Deep rosy mauve.

Emily Eckford. Standard light reddish mauve, wings porcelain blue.

Emily Henderson. Pure white; splendid.

Gorgeous. Bright orange-salmon, wings orange red.

Gray Priar. Beautiful watered purple on white ground.

Janet Scott. Bright pink. Wings rose pink.

Hon. Mrs. E. Kenyon. A fine large clear primrose-yellow.


Jeanette. 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.
SWEET PEAS (Continued)

Lottie Huthins. Penciled and clouded pink on straw-yellow.

Merry. 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.

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.

Ronal Rose. Deep rose, shaded light pink.

Sadie Burpee (black-seeded). White, blush tinge when young; large.

**SWEET PEAS**

**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. 30 cts., oz. 10 cts., ½ lb. 20 cts., lb. 60 cts. The whole collection of 35 varieties, 1 pkt. of each, postpaid for $1.20.

**California Large-Flowering Mixed.** From 20 named varieties. Pkt. 5 cts., oz. 10 cts., ½ 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. 5 cts., oz. 10 cts., lb. 75 cts.

**CUPID, OR DWARF SWEET PEAS**

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

**Alice Eckford.** Standard creamy white, wings white, flushed pink.

**Beauty.** Standard rose, shading to white, wings rosy carmine.

**Foreca.** Rich deep maroon.

**Countess of Hadow.** 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.

---

**ORNAMENTAL GRASSES**

Most of these, if cut before they are quite ripe, will be useful in winter bouquets or with everlasting flowers.

**AGrostis nebulosa.** A. Very graceful and fine for vases or bouquets. Height 1 ft. $0.10

**Pulechra.** A. Very graceful and fine for vases or bouquets. Height 1 ft. $0.10

**AYRENE sterilis (Anemone).** A. Singular and curious. Height 3 ft. $0.65

**BACCHARIS.** Height ½ ft. $0.65

**Gracillima.** (Quaking Grass). A. Slender; fine for bouquets. Height 1 ft. $0.65

**ERAGrostis elegans.** A. A beautiful, dancing spikelike; good for bouquets. Height 1 ft. $0.65

**EULALIA japonica (Japanese Plum Grass).** P. Very effective in groups. Height 6 ft. $1.00

**FESTUCA glauca.** P. Very neat and compact; fine for edgings to ribbon beds and borders. Height ¼ ft. $1.00

**Procumbens.** P. Very neat and compact; fine for edgings to ribbon beds and borders. Height ¼ ft. $1.00

**ISOLEPSIS gneuillii.** P. Very pretty rush-like grass for hanging baskets and pot culture. Height 1 ft. $1.00

**LAGIUS ovatus (Hare’s Tail Grass).** A. Fine for bouquets. Height 2 ft. $0.65

**Lasiagrostis argentea.** P. Very graceful and fine for bouquets. Height 3 ft. $0.65

**STIPA pennata (Feather Grass).** P. admired in bouquets. Height 2 ft. $1.00

**TRILOCAENA rosea.** P. Very pretty, with rose-colored panicles. Height 3 ft. $1.00

**UNIOLA latifolia (Sea Oats).** P. Very ornamental. Height 6 ft. $1.00

**ZEA japonica f. variegata (Striped Japan Malze).** Hha. Very ornamental. Height 4 ft. $0.65

---

**PERENNIALS**

**ALYSSUM saxatile.** B. Fine for borders or rockwork. Beautiful yellow. Height ½ ft. $0.05

**ANCHUSA Capitata (Cape Alkanet).** A. Azure-blue, free-blooming biennial. Height ½ ft. $0.05

**ANEMONE Japonica (Cape Cress).** Very useful for rockwork. Height ¼ ft. $0.05

**ANTHRHINUM coronarium (Snapdragon).** B. Hardy perennial, flowering the first year, unsurpassed for borders. Height 6 ft. $0.10

**Tall White.** Height 2 ft. $0.05

**Tall Yellow.** Height 2 ft. $0.05

**Tall Firefly.** Brilliant scarlet. Height 2 ft. $0.05

**Dwarf Mixed.** Height 1½ ft. $0.05

**Victoria.** Pure white. Height 2 ft. $0.05

**Tom Thumb.** Mixed. Height ¾ ft. $0.05

**AGHELIA (Columbine).** B. Handsome, hardy perennials, indispensable as decorative border plants.

**Cassandra.** Yellow. Height 2½ ft. $0.10

**Double Mixed Hybrids.** Very fine. Height 2½ ft. $0.05

**Single Mixed.** Height 2½ ft. $0.05

**ARABIS alpina (Rock Cress).** Useful for rockwork. Height 8½ ft. $0.05

**ARMERIA (Thrift, or Sea Pink).** A very hardy plant; fine for edging. $0.05

**ASPARAGUS sprengeri.** A. Fine for hanging baskets. $0.10

**Plenius.** A fine pot-plant. 100 seeds 85 cts. $0.10

**ASPARAGUS odoratus (Vincent).** A very hardy plant. Height ½ ft. $0.10

**ASTER (Michaelmas Daisy).** Perennial varieties, mixed. Height 3 ft. $0.15

**ARVICULA.** Finest English hybrids; from the finest collection. Fine deep colors, variously marked. Good for cut pot. Height ½ ft. $0.25

**BEGONIA T. Tuberosum-rooted, single, splendid mixed. Height 6½ ft. $0.50

**Sempervivum.** Fine border or rock plant. $0.25

**HELLIS.** The popular Double English Daisy. $0.05

**Perennis fl. pl.** Mixed double; fine. Height ½ ft. $0.10

**Lingulau.** Large, double rose. Height ¼ ft. $0.10

**Quilled.** Double mixed, fine. Height ¾ ft. $0.15
PERENNIALS (Continued)

ANEMONE CORONARIA

BELLIS PERennis

GAILLARDIA LORENIANZA

FLOWER GERMAN'S SEEDS

Pkt.

Snowball. Double white. Height ½ ft. $0.10
Double Red. Height ½ ft. 10

CACTUS, saved from the desert and most mixed. Height ½ to 4 ft. 15

CAMPANULA (Bellflower). Hardy plant; well suited for mixed borders. $0.05

Pyramidalis. Blue. Height 3 ft. 05

CAVIA. Handsome plant for lawn decorations and for backgrounds. Soak seed in tepid water twenty-four hours before sowing. 10

CANDERBY BELL. Very handsome border perennials of great utility, and deservedly popular varieties. They are called “Rose in Blue” or “Cup and Saucer” Canterbury Bells. 10

Single. Blue, white, rose and mixed. Height 2 ft. 05
Double. Blue, white, rose and mixed. Height 2 ft. 10

CARNATION. Our collection comprises the most richly scented and beautifully marked varieties.

Finest German Mixed. Height 1½ ft. 25
Redono Mixed. Height 1½ ft. 15
Perpetual. Very fine mixed. Height 2 ft. 25
Perpetual, or Tree. Salmon. Height 2 ft. 25
Perpetual, or Tree. Scarlet. Height 2 ft. 25
Perpetual, or Tree. Yellow. Height 2 ft. 25
Hermine. Pure white; extra fine Height 2½ ft. 25
Grenadin. Early dwarf, red. Height ½ ft. 10
Marguerite Mixed. Will commence flowering at the time of coming up. Height 1½ ft. 10
Marguerite, Snowflakes. Pure white. Height 1½ ft. 10

CENTAURY (Stokesia). Very fine, decorative-leaved. 10
Candidissima. White foliage. Height 1 ft. 10

CELYANTHUS tomentosus (Jerusalem Star). Very fine for edging and rockwork. 15

CHRYSANTHEUM frutescens (Paris Daisy or Marguerite). B. White, yellow eye. Height 2 ft. 10

Leucanthemum hybrid (Shasta Daisy; see page 46). White, yellow center; flowers 4 inches in diameter; valuable for cutting. Height 2½ ft. 10

Indicum (Chinese). Mixed. Height 2½ ft. 10

Nanum (componente). Mixed. Height 2½ ft. 10

Japonicum (Japanese). Mixed. Height 3 ft. 10

The last three kinds are the Chinese and JapaneseExtensively grown and used during the fall months.

CINERARIA maritima candidissima. Silvery foliage, very useful for ribbon beds and borders. Height 1 ft. 10

CLANTHUS Damperi (the Australian Glory Pea). A magnificent flower, scarlet, with black center. Water sparingly after sowing. Height 4 ft. 15

COLEUS. T. Ornamental decorative-leaved plants; fine for house decoration or subtropical gardening.

New Large-leafed. Very fine. Height 2½ ft. 25
Finest Mixed. Height 2 ft. 25

CONVOLVULUS Mauritanius. Hardy perennial for hanging-baskets with flowers of bright shades. Lavender, yellow; lavender, trailer. 10

COREOPSIS lanceolata (See page 46). B. A beautiful plant, with lance-shaped leaves and showy bright yellow flowers 2 or 3 inches in diameter. Height 2½ ft. 10

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

CYCLAMEN. Very tender. Glowing with bright colors. 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 ½ ft. 25

DAISY. Shasta. See Chrysanthemum.

DAHLIA. Hh. Large-flowered, double, best quality mixed. Height 5 ft. 15
Catus Mixed colors. Height 5 ft. 15
Pompone. Single, mixed. Height 5 ft. 15
Single. Mixed. Height 5 ft. 10

The Cactus and Single Dahlias are becoming very popular.

DELPHINIUM cardinale (Scarlet Larkspur). Bright scarlet. Height 3 to 5 ft. 10
Elatum (Be Larkspur). Mixed. Height 3 ft. 05

Formosum. Bright blue. Height 4½ ft. 10

Hybridum. Double, extra choice mixed. Height 3½ ft.

Perennial Larkspur. Fine border plants of brilliant colors.

DIANTHUS Chinensis (China Pink). B. Very free-flowering and showy.

Double Mixed. Height 1 ft. 10
Heddivigii. Fine Mixed. Height 1 ft. 10
Heddivigii, Crimson Bell. Dark crimson. Height 1 ft. 10
Heddivigii, Ochre. White. Height 1½ ft. 10
Heddivigii nobili (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 1½ ft. 10

Dianthus. (Double Diadem Pink). Height 1 ft. 10
Dianthus albus (White Diadem Pink). Height 1½ ft. 10
Laciniatus. Single Mixed. Height 1½ ft. 10
Laciniati, Double Mixed. Height 1½ ft. 10
Imperialis (Double Imperial Pink). Mixed. Height 1½ ft. 10
Hybridus. Double mixed. Height 1½ ft. 10

DIGITALIS greginoides (Foxglove). Bears fine spikes of variously spotted and bicolored flowers for borders and shrubbery. Fine mixed. Height 3 ft. 05
**PERENNIALS (Continued)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Type</th>
<th>Height</th>
<th>Seeds</th>
</tr>
</thead>
<tbody>
<tr>
<td>DODECATHION 'Brenda' (American Cowslip), Lilac, Fine for rock-work, etc.</td>
<td>Height 1/4 ft.</td>
<td>$0.10</td>
<td></td>
</tr>
<tr>
<td>ERPETION reniforme (Viola hederacea; Australian Panay) A pretty tufted plant with kidney-shaped leaves and blue flowers.</td>
<td>Height 3 ft.</td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>ERYTHRINA Crista-Galli (Coral Tree), Dark red. A handsome decorative plant for shrubbery, etc.</td>
<td>Height 6 ft.</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>EVE'LLA 'Sublime' (Yellow), Very showy for mixed borders and shrubbery, etc.</td>
<td>Height 3 ft.</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>ERYTHRONIUM (Dog's Tooth Violet) Height 2 ft.</td>
<td>All species mixed, saved from the choicest varieties.</td>
<td>Height 7 ft.</td>
<td>15</td>
</tr>
<tr>
<td>FORGET-ME-NOT. See Myosotis.</td>
<td></td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>FREXIA refracta alba. A Well-known bulbous plants, blooming in one color.</td>
<td>Height 3 ft.</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>FRENCH HONEYSUCKLE (Hedysarum coronarium), 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.</td>
<td>Height 3 ft.</td>
<td>05</td>
<td></td>
</tr>
<tr>
<td>FUCHSIA. Hh. Favorite flowering shrubs. Seeds from the finest named varieties.</td>
<td></td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Hybrida. Single, finest mixed. Height 3 ft.</td>
<td></td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>Double, Finest mixed. Height 3 ft.</td>
<td></td>
<td>25</td>
<td></td>
</tr>
<tr>
<td>GAILLARDIA (Blanket Flower), B. Very showy border plant.</td>
<td></td>
<td>05</td>
<td></td>
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<tr>
<td>Picta. Red and yellow. Height 1 1/2 ft.</td>
<td></td>
<td>05</td>
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</tr>
<tr>
<td>Lorentziana. Double, mixed colors. Height 1 1/2 ft.</td>
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<td>05</td>
<td></td>
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<tr>
<td>Grandiflora. Mixed, Height 2 ft.</td>
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<tr>
<td>Grandiflora. Mixed, Height 2 ft.</td>
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</tr>
<tr>
<td>Golden yellow. Height 2 ft.</td>
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</tr>
<tr>
<td>GENTIANA acaulis, An alpine plant of great beauty; fine for rock-work; intense blue. Height 1 1/2 ft.</td>
<td></td>
<td>10</td>
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</tr>
<tr>
<td>GERANIUM. B. Seed saved from best varieties of all kinds.</td>
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<tr>
<td>Apple-scented. Very fragrant. Height 1 1/2 ft.</td>
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<tr>
<td>Zonal, Double. Finest mixed. Height 5 to 6 ft.</td>
<td></td>
<td>25</td>
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<tr>
<td>Zonal, Double. Finest mixed. Height 3 ft.</td>
<td></td>
<td>25</td>
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<tr>
<td>Ivy-leaved. Trailer. Finest mixed. Height 1 1/2 ft.</td>
<td></td>
<td>15</td>
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<tr>
<td>Trifoliate. Gold and bronze leaves. Height 2 ft.</td>
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<tr>
<td>See Pelargonium for show varieties.</td>
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<td>10</td>
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<tr>
<td>GERBERA JAMESONI (Transvaal Daisy), The Scarlet Daisy of South Africa.</td>
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<td>50</td>
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</tr>
<tr>
<td>GEUM cocigenum (Scarlet Avens), A Chilian plant of great beauty, flowering in mixed borders. Scarlet. Height 2 ft.</td>
<td></td>
<td>10</td>
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<tr>
<td>GLOXINIA hybrida. T. A beautiful greenhouse perennial bulb.</td>
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<tr>
<td>Seed saved from the finest erect and drooping varieties.</td>
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<td>10</td>
<td></td>
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<tr>
<td>Height 1 ft.</td>
<td></td>
<td>25</td>
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<tr>
<td>GOLDENROD. See Solidago.</td>
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<tr>
<td>GYPSOPHILA paniculata. B. Very graceful, flowering in pan-pot flowers. White. Height 3 ft.</td>
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<td>02</td>
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<tr>
<td>See also Annuals.</td>
<td></td>
<td>02</td>
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<tr>
<td>HELIOTROPIUM (Cherry Pie), B. Deliciously fragrant, also for cutting. Finest mixed. Height 3 ft.</td>
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<tr>
<td>HEUCHERA. B. Allied to the Saxifrages; very graceful; valuable for cut-flowers.</td>
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<tr>
<td>See Saxifrages.</td>
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<tr>
<td>Scarlet. Crimson. Height 1 ft.</td>
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<tr>
<td>Alba. White. Height 1 ft.</td>
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<tr>
<td>HIBISCUS. Well-known showy perennial shrubs with brilliant flowers.</td>
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<tr>
<td>Cocinaeus. Scarlet. Height 5 ft.</td>
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<tr>
<td>Rosea grandiflora. Pink. Height 4 ft.</td>
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<tr>
<td>HOLLYHOCK. Favorite hardy perennials. Will flower the first season if sown early.</td>
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<td></td>
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<tr>
<td>German Finest Double Mixed. Height 5 ft.</td>
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<tr>
<td>German Finest Double Yellow. Height 5 ft.</td>
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<td>10</td>
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</tr>
<tr>
<td>German Finest Double White. Height 5 ft.</td>
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<td>10</td>
<td></td>
</tr>
<tr>
<td>German Finest Double Crimson. Height 5 ft.</td>
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<td>10</td>
<td></td>
</tr>
<tr>
<td>German Finest Double Pink. Height 5 ft.</td>
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<tr>
<td>Chater's Superb Double Mixed English. Height 5 ft.</td>
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<tr>
<td>Alboaurea. Semi-double, fringed, mixed. Height 5 ft.</td>
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<tr>
<td>HONEYMANNIA fumariaefolia. A showy plant belonging to the Poppy family. Yellow. Height 2 ft.</td>
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</tr>
<tr>
<td>HYACINTHUS culpatus. A bulbous plant, throwing up a spike bearing 20 to 30 yucca-like flowers; pure white and fragrant. Height 3 ft.</td>
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<td></td>
</tr>
<tr>
<td>IPOMOEA (Morning Glory), Showy scarlet and gold pyramidal blossoms and feathery foliage. Fine mixed. Biennial. Height 3 ft.</td>
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<td>10</td>
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</tr>
<tr>
<td>LANTANA. B. White, rose and yellow particolored fragrant flowers in form. Finest mixed. Height 4 ft</td>
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<td>10</td>
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</tr>
<tr>
<td>LAVENDER. Blue; a hardy shrub, well known and esteemed for its delicious fragrance. Height 3 ft.</td>
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<td>05</td>
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<tr>
<td>LINARIUM (Nigella), White and purple; very pretty for rock and hanging-baskets; trailer.</td>
<td></td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>LONICERA 'Miss Jekyll' (Cardinal Flower), A handsome hardy plant with bronze foliage and brilliant scarlet flowers. Height 5 ft.</td>
<td></td>
<td>05</td>
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</tr>
<tr>
<td>LUPINUS. B. Mixed, all colors. Height 1 to 4 ft.</td>
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<tr>
<td>LYCHNIS (Jerusalem Cross). B. Favorite hardy plants for borders and shrubbery.</td>
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<td></td>
</tr>
</tbody>
</table>
PERENNIALS (Continued)

**Chalevdonica.** Bright scarlet. Height 2 ft. $0.05

**Hausenlea Hybrida.** Finest mixed. Height 2 ft $0.10

**Maril. El. of Penhurst.** 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. $0.05

**Matricaria exima (Perfervew).** B. Double white, very handsome, showy flowers continue a long time in bloom. Height 2 ft. $0.05

**Mimulus.** Brilliant perennials, flowering the first season if sown early, also suitable for pot-culture.

**Cardinals (Scarlet Monkey Flower).** Dark red. Height 1½ ft. Pkt. 10 cts.

**Tigrinus grandiflorus.** Finest mixed, spotted and tigere varieties. Height 1½ ft. Pkt. 10 cts.

**Musk Plant (Mimulus moschatus).** Yellow, a universal favorite. Height ½ ft. Pkt. 10 cts.

**Myosotis (Forget-me-not).** B. Very beautiful and much prized for spring flowers.

**Azorica.** Dark blue. Height ½ ft. Pkt. 10 cts.

**Aphrodisia.** Light blue. Height ¼ ft. Pkt. 10 cts.

**Dissiflora.** Brilliant blue, earliest flowering. Height ¼ ft. Pkt. 10 cts.

**Pulsatilla sempervirens.** Bright blue. Height 1 ft. Pkt. 10 cts.

**Nierembergia gracilis.** Silvery lavender. Excellent for hanging-baskets, edging, etc. Height 1 ft. Pkt. 10 cts.

**Denothera Lamarkiana.** A grand Evening Primrose, with long spikes of yellow flowers. Yellow. Height 4 ft. Pkt. 5 cts.

**Oxalis.** Shamrock, or Wood Sorrel. Delightful little plants for edging, hanging-baskets and rockwork.

**Rosa.** Pink. Height ½ ft. Pkt. 10 cts.

**Tropaeolum.** Yellow. Height ½ ft. Pkt. 10 cts.

**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.

**Bugnot’s Superb Blotched.** Extra fine. Height ½ ft. Pkt. 50 cts.

**Cassler’s.** Very large-flowered, finest mixed. Height ½ ft. Pkt. 25 cts.

**English Mixed.** Extra select, very large, and single, velvety. Height ½ ft. Pkt. 15 cts.

**Gladi Trimardeau.** Mixed, very large and of vigorous growth. Height ½ ft. Pkt. 25 cts.

**Giant Trimardeau Persian.** Large Stained. New class, large-flowered. Height ¾ ft. Pkt. 25 cts.

**Odler’s Five-Blotched.** Very fine, with a black blotch on each petal. Height ½ ft. Pkt. 25 cts.

**Shasta Daisy**

**Coreopsis lanceolata**

**Golden Yellow.** Pure. Height ½ ft. Pkt. 10 cts.

**Golden Yellow, with Dark Center.** Height ½ ft. Pkt. 10 cts.

**Gold-margined.** Brown with gold border. Height ½ ft. Pkt. 10 cts.

**Lord Beaconsfield.** Large, purple-violet shading off to lavender. Height ½ ft. Pkt. 10 cts.

**Mahogany-colored.** Height ½ ft. Pkt. 10 cts.

**Masterpiece.** New Giant curled or ruffled Pansy. Highest perfection in the class. Pkt. 25 cts.

**Peacock.** Royal purple, shot with peacock-blue. Height ½ ft. Pkt. 15 cts.

**President Carnot.** White, violet blotches. Height ½ ft. Pkt. 15 cts.

**Snowflake.** Pure white. Height ½ ft. Pkt. 10 cts.

**Victoria.** Blood-red. Height ½ ft. Pkt. 15 cts.

**Violet.** White-margined. Ht. ½ ft. Pkt. 10 cts.

**White, with Black Center.** Height ½ ft. Pkt. 16 cts.

**Fine Mixed.** Height ½ ft. Pkt. 10 cts.


**Large-flowered.** Richest colors, mixed. Height 3 ft. Pkt. 15 cts.

**Pentstemon.** B. Fine herbage plants, very showy in mixed borders.

**Hartwegi grandiflorus.** New large-flowered mixed. Height 2 ft. Pkt. 15 cts.

**Finest Mixed.** Height 2 ft. Pkt. 5 cts.

**Petunia.** Very ornamental, free-flowering plants, for bedding in masses or borders.

**Single Inimitable.** Blotched and striped, very handsome. Height 1 ft. Pkt. 10 cts.

**Single Giants of California.** Very large ruffled and fringed, extra fine mixed. Height 1 ft. Pkt. 25 cts.

**Single Fringed.** Large-flowered, superb mixed. Height 1 ft. Pkt. 25 cts.

**Single, White.** Height 1 ft. Pkt. 10 cts.

**Single Good Mixed.** Height 1 ft. Pkt. 10 cts.

**Double Fringed.** Superb mixed. Height 1 ft. Pkt. 10 cts.

**Double, Extra-Flue Mixed.** Height 1 ft. Pkt. 25 cts.
PERENNIALS (Continued)


PHYSALIS Franchetii (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. Pkt. 15 cts.

PICOCTEE PINK. B. Splendid hardy Pinks, beautifully marked on edge of petals. Finest mixed. Height 1½ ft. Pkt. 15 cts.

PINK, Florist’s (Pheasant’s Eye Pink). B. Very fine, usually marked with a ring in center, double and fragrant. From fine show mixtures. Finest mixed. Height 1 ft. Pkt. 10 cts.

POINSETTIA pulcherrima (Christmas Flower). Pkt. 25 cts.

POLEMONIUM coerulescens (Jacob’s Ladder). An old-fashioned English perennial, used in mixed borders. Blue. Height 2½ ft. Pkt. 10 cts.


Poppy. 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.

Perennial Hybrid Mixed. Height 4 ft. Pkt. 25 cts.

Papaver orientale, Dark Red. Height 4 ft. Pkt. 10 cts.

Papaver orientale, Mixed. Height 4½ ft. Pkt. 10 cts.


Papaver nudicaul, Yellow. Height 1½ ft. Pkt. 10 cts.

Papaver, Orange. Height 1½ ft. Pkt. 10 cts.

Papaver, Mixed. Height 1½ ft. Pkt. 10 cts.


Fringed Red. Height ½ ft. Pkt. 25 cts.

Fringed Mixed. Height ½ ft. Pkt. 25 cts.


PYRETHRUM Cinerarinifolium. The plant from which is made the Persian insect powder in Europe, or “Buhach” as made in California. Pkt. 15 cts.


Partheniolum aureum (Gold Feather). Height ½ ft. Pkt. 10 cts.

Partheniolum aureum selaginoides. Yellow fern-like foliage, very fine. Height ½ ft. Pkt. 10 cts.

The second variety is grown for its flowers, the last two are well-known edging plants.


ROSE CAMPION (Agrostemma coronaria). Crimson flowers; silvery foliage. Height ½ ft. Pkt. 5 cts.


SALVIA (Flowering Sage). B. Brilliant-flowering plants for borders, backgrounds and centers of beds.

Bon-fire Dwarf. 2½ ft. high. Brilliant scarlet flowers. Pkt. 10 cts.


SAXIFRAGA (Mother of Thousands, or London Pride). Charming little trailing plants for hanging baskets, vases or rock-work. Fine mixed. Height ½ ft. Pkt. 2 cts.

SENSITIVE PLANT (Mimosa pudica). An interesting plant with the peculiarity of closing its leaves when touched. Pink. Height 2 ft. Pkt. 5 cts.

SOLANDAGO Canadensis (Goldenrod). Height 3½ ft. Pkt. 10 cts.


STATICE alpina (Sea Lavender). A favorite hardy perennial with bright blue flowers, very useful for bouquets. Height 1 ft. Pkt. 10 cts.

STEVIA serrata. B. A valuable plant for florists, producing large heads of small, white fragrant flowers, of very graceful and excellent for cutting purposes. White. Height ½ ft. Pkt. 10 cts.

STOCKS (Biennial and Perennial). B. (For Ten-weeks Stocks, see Annuals.) These are very double, fragrant and handsome. The intermediate varieties are biennials. The last three species are splendid decorative border plants. The true "Gilliflower." Beauty of Nice. Exquisite flesh-pink. Pkt. 15 cts.


Beaufort. Flesh-color, bright rose, brick red, crimson, light blue, violet, white and mixed. Height 2 ft. Pkt. 15 cts.

Cocklebur, or Giant Cape Winter. Finest mixed. Height 2½ ft. Pkt. 15 cts.

Emperor. Very fine mixed. Height 2½ ft. Pkt. 10 cts.

SWIFT WILLIAM. B. Well-known and very showy plants for borders; flowering early in the spring.


Single. Finest mixed. Height 1½ ft. Pkt. 5 cts.
California Native Flower Seeds

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

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRODIAEA capitate (Cluster Lily)</td>
<td></td>
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<tr>
<td>DELPHINIUM cardinale (Scarlet Larkspur)</td>
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<tr>
<td>DICENTRA chrysanth (California Bleeding Heart)</td>
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<tr>
<td>DODECATHION Clevelandi (Shooting Star)</td>
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<tr>
<td>EMMENANTHE penduliflora (Whispering Bells)</td>
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<tr>
<td>ESCHSCHOLTZIA Californica (California Poppy)</td>
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<tr>
<td>LATHYRUS splendens (Pride of California)</td>
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<tr>
<td>LAYIA callioides (Tidy Tips)</td>
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<tr>
<td>LEPTOSyne stillmani</td>
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<tr>
<td>NEMOPHILA insignis (Baby Blue Eyes)</td>
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<tr>
<td>PHACELIA Parryi</td>
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<tr>
<td>PLATYSYTEMON Californicus (Cream Cups)</td>
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<tr>
<td>ROMNEYA coulteri</td>
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</tr>
</tbody>
</table>

**PERENNIALS (Continued)**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt.</th>
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</thead>
<tbody>
<tr>
<td>SWEET WILLIAMS—Continued.</td>
<td></td>
</tr>
<tr>
<td>VERAENA, B. A well-known favorite bedding plant.</td>
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<tr>
<td>AURICULA-flowered Mixed.</td>
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</tr>
<tr>
<td>PURPLE, Trailer.</td>
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<tr>
<td>ITALIAN STRIPED. Fine striped and mottled; trailer.</td>
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<tr>
<td>LARGE WHITE, Trailer.</td>
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<tr>
<td>SCARLET, Trailer.</td>
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<tr>
<td>MAMMOTH MIXED, Trailer.</td>
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<tr>
<td>PINK, Trailer.</td>
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<tr>
<td>LEMON MIXED, Trailer.</td>
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<tr>
<td>VIOLA, B. With the exception of Viola cornuta,</td>
<td></td>
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<tr>
<td>these favorites are too well known to need</td>
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<tr>
<td>comment. V. cornuta resembles the Pansies, and</td>
<td></td>
</tr>
<tr>
<td>is admirably adapted for bedding purposes.</td>
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<tr>
<td>WILDFLOWER, B. Well-known fragrant plant.</td>
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<tr>
<td>WALLFLOWER, Dwarf.</td>
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<tr>
<td>WIGANIA carnea</td>
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</tbody>
</table>

**SOUVENIR COLLECTION OF CALIFORNIA NATIVE FLOWER SEEDS—**
15 varieties in separate packets, including many of the above, mailed free on receipt of Fifty Cents.
AIDS IN THE SELECTING OF FLOWER SEEDS FOR SPECIAL PURPOSES

FLOWERS

Suitable for Cutting

Aeroclinum
Antirrhinum
Aquilegia
Aster
Calendula
Calliopsis
Campanula
Centarea
Carnation
Chrysanthemum
Coreopsis
Cosmos
Dahlia
Delphinium
Dianthus
Eschscholtzia
Gaillardia
Geum
Gladiolus
Gypsophila
Helianthus
Hunnenmania
Larkspur
Lupinus
Lychnis
Marigold
Matricaria
Mignonette
Myosotis
Nasturtium
Pansy
Pea, Sweet
Pentstemon
Phlox
Pyrethrum
Rhodanthe
Rocket
Salpiglossis
Scarabia
Schizanthus
Stock
Sweet William
Sultan
Verbena
Wallflower
Zinnias

EVERLASTINGS

for Winter Bouquets

Aeroclinum
Globe Amaranth
Gypsophila
Helichrysum
Helenanthus
" Paniculata
Rhodanthe

FLOWER PLANTS

Amaranthus
Bentaurea Candidissima
Colesus
Perrin
Pyrethrum
Rhenus
Zea Japonica

SHOWY FLOWERING ANNUALS

for Beds and Massing

Ageratum
Alyssum
Antirrhinum
Asters
Balsams
Calendula
Calliopsis
Galactites
Hyacinth
Lobelia
Marigold Dwarf
Myosotis (Forget-Me-Not)
Nasturtium Dwarf
Nigella Dwarf
Phlox Dwarf
Pinks, Chinese
Pyrethrum (Golden Feather)
Sweet Pea, Cupid
Zinnia, Dwarf

FLOWERS FOR CUTTING

Ageratum
Alyssum
Antirrhinum
Asters
Balsams
Calendula
Calliopsis

Candytuft
Phlox Drummondii

Carnation, Marguerite Poppies

Celosia
Portulaca

Chrysanthemum
Salvia Splendens

(Annual)

Convulvulus Minor

Coreopsis Grandiflora

Dahlias
Vineas

Dianthus
Zinnias

Eschscholtzia

LARGE SHOWY ANNUALS

for Backgrounds and Borders

Amaranthus
Lupinus
Celosia Plumosa
Marigolds
Cosmos
Necotiana
Datura
Poppies (Tall sorts)
Hibiscus
Ricinus
Larkspur (Branching)
Salvia
Lavatera
Sunflower
Zinnias

HARDY FLOWERING PERENNIALS

for Permanent Beds and Borders

TALLER Sorts

Anemone
Lavender
Antirrhinum
Lobelia (Hardy Sort)
Aster
Lupinus (Perennials)
Aquilegia
Lychnis
Campanula
Penstemon
Canterbury Bells
Phlox (Hardy)
Chrysanthemum
Poppy (Hardy)
Coreopsis
Primrose (Hardy)
Delphinium
Pyrethrum (Hardy Sorts)
Digitalis
Sweet Rocket
Galliardia
Scabiosa
Geum
Wallflower
Gypsophila
Heuchera
Hibiscus
Hollyhock

DWARFER Sorts

Alyssum (Hardy)
Dianthus (Hardy)
Anemone
Myosotis
Armeria
Pansy
Candytuft (Hardy)
Pinks (Hardy)
Carnation
Polyanthus
Cerastium
Sweet William
Daisy, Double
Valerian
Daisy
Violet

FLOWERS FOR EDGING WALKS, ETC.

Ageratum
Alyssum
Asters, Dwarf
Candytuft
Cosmos, Dwarf Yellow
Dusty Miller (Centarea)
Globe Amaranth

SHOWY FLOWERING ANNUALS

for Beds and Massing

Ageratum
Alyssum
Antirrhinum
Asters
Balsams
Calendula
Calliopsis
Lychnis

Flowers for Partly Shady Places

Anagallis
Anemones
Antirrhinum
Aquilegia
Asperula
Auricula
Begonia, tuberosa
Canterbury Bells
Coreopsis
Daisy, Double
Delphinium
Dusty, Scurk
Foxglove
Matricaria
Mimulus (Monkey Flower)
Mimulus Moschatus (Musk)
Myosotis (Forget-Me-Not)
Nemophila
Oenothera
Pansy
Polyanthus
Poppies
Sorbus
Torenia
Violets

CLIMBING PLANTS

Abobra
Ampelopsis
Aristolochia
Balsam Vine
Bignonia
Calampelis
Canary Vine
Clematis
Cobaea
Convolvulus
Cypress Vine
Dolichos
Gourds, Ornamental
Humulus, Hop
Humulus, Japanese
Iponoea
Kudan Vine
Matrandia
Mina Lobata
Momordica
Moonflower
Nasturtium, Tall
Passion Vine
Smilax
Solanum
Thunbergia
Tropaeolum
Wisteria

[49]
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 elaborated upon, and the demand for great purposes of such use could not be supplied. In raising all kinds of tree seeds successfully, the process of growth and germination in their natural habitat should be imitated as closely as is 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, stir 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. The seed 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.

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

Acanthospermum. A small, handsome tree with glaucous green foliage. Leaves pineate, three to four pairs, leaflets about 2 pairs 1½ to 2½ lines long, cordate, linear. Flowers in racemes 2 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. $.50.

Culturifrons (Knife-leaved Acacia). A distinct and beautiful species of upright growth, forming a large shrub, with glaucous green leaves about ½ x ½ inch in size. When in bloom the plant presents a splendid appearance on the lawn. Height 15 feet. Oz. 50 cts., lb. $.50.


Floribunda. Ornamental, with very abundant hand- some flowers, valuable for lawns, parks, cemeteries, etc. Height 25 ft. Oz. 50 cts., lb. $.50.

Culturifrons (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. 30 cts., lb. $.35.

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

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

Lophantha (Albizia Lophantha; Cape or Crested Wat- tel). One of the most rapid-growing trees for first temporary shelter, succeeding in the most desolate places. Height 25 ft. Oz. 15 cts., lb. $.125.

Melaleuca (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. $.35.

Mollissima. An abundant-blooming tree, very orna- mental; suitable for lawns and shrubbery. Height 25 ft. Oz. 50 cts., lb. $.50.

AUSTRALIAN TREE AND SHRUB SEEDS (Continued)

FIGUS Australis (Australian Banyan Tree). A fine evergreen tree, very useful for shade and shelter purposes. This and the following 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.

STERCULIA diversifolia (Brachychiton populneum). A handsome tree of erect, symmetrical growth, with a heavy trunk. The leaves vary much in size, 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. 50 cts., lb. $6.

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

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.


CAPPARIS spinosa (Caper Tree). A flowering shrub with handsome black color flowers. The undeveloped flower-buds are the true capers of commerce. Height 3 ft. Pkt. 10 cts.

CATAPALA speciosa (Indian Bean Tree). A rapid-growing tree, good for timber claims. Flowers white and purple. Height 50 ft. Oz. 25 cts., lb. $3.

CERATONIA silqua (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. Pkt. 10 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.


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 Pseudacelia (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.

Vigolaris alba (White Lilac). One of the best white varieties. Height 15 ft. Oz. 20 cts., lb. $2.50.

VIBURNUM Opulus (Snowball, or Guelder Rose). An interesting shrub, with compact heads of snow white flowers. Height 15 ft. Oz. 20 cts., lb. $2.

ACACIA Pycnantha

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 engelhardtii. 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.

[51]
EUCALYPTUS
"THE TIMBER OF THE FUTURE"

The Eucalyptus will undoubtedly be one of the most important sources of the general timber supply for the United States. The Government Bureau of Forestry makes the statement that at the present rate of destruction, the timber supply of this country will be exhausted in less than 20 years.

There is an increasing demand for hardwood timber, and as most of the Eucalypt will not stand a lower temperature than 15 to 20 deg. Fahrenheit, it is up to us to grow them here on the Coast and interior valleys.

Plant now—for now is the time. To be first in the field to supply the needs, is to reap great profits. There are no hardwood trees that will grow as rapidly as the Eucalypt. They will make ties in 7 to 10 years, and poles 40 to 50 ft. in 8 to 10 years, and each year increases their value.

If we take into consideration the small area in which this tree can be grown on account of its intolerance of frost, and the ease with which we can grow this valuable timber, we can begin to appreciate how much a few acres of Eucalyptus will be worth in a few years.

Eucalyptus Rostrata or Red Gum, is one of the most valuable, and it grows under a variety of climatic conditions. It is one of the best all-around trees; it thrives at the coast; on the dry mesa; in the foothills, and in the dry, hot valleys of the interior. The usefulness of this timber is due to its durability, both underground and in water, as it is almost as hard as iron. It is used for all kinds of furniture, as it takes a beautiful polish.

For telegraph poles, posts, piles, and street curbing, it has no equal.

Eucalyptus Tree Seed

DIRECTIONS FOR RAISING SEEDLING 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, for if too much water is given at one time they will be liable to damp off. When the seedlings are two or three inches high transfer to shallow boxes, placing about 1½ inch apart each way, and when large 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 spring. Slower kinds, as Eucalyptus amygdalina, etc., sow in spring. One lb. of seed will produce from 15,000 to 30,000 trees. All varieties put up in 15c pkts.

Eucalyptus amygdalina. "Messmate Gum." Belonging to this variety are the tallest trees in the world. In Gippsland, Australia, are trees over 400 feet in height. Making 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. $1.


E. botryoides. "Bangalay." A stately tree, stems attain 70 or 80 feet without a branch, and a diameter of 6 feet. Timber very durable and used for keels, planking, ribs of vessels, and fencing. Posts from old trees known to last for over 25 years. Will thrive in soil containing stagnant water and near the sea coast on light soil. Oz. 75 cts., lb. $1.

E. culophylla. Ornamental, of rapid growth, with large clusters of cream-colored flowers. On account of its profuse bloom the tree is an important source of nectar for bees. Timber also valuable for carpentry above ground; height 50 ft. Oz. $1.
E. citriodora. "Lemon-scented Gum." A fine ornamental tree with lemon-scented foliage, supplying also a useful timber. Being a native of Queensland it is more tender than most other kinds; height 80 ft. Per oz. $1.50.

E. coriacea. "Yate Tree." A rapidly growing variety, it endures a high temperature, but will not stand frosts. Wood very durable, heavy and elastic, and considered equal to ash. Highly recommended for alkali land and said to thrive where other varieties have perished; height 100 ft. Per oz. $1.

E. 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 in sandy ground. The numerous gum veins render it of little use for saw purposes; height 100 ft. Per oz. $1.

E. eucalyptus. "Sugar Gum." Very ornamental, rapidly growing, with dark green leaves. 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. After studying this tree for years we believe we have no variety yet introduced that will equal it in value as a timber tree. Its growth is remarkably straight and perfect and it will withstand more drought than most other varieties; height 100 ft. Per oz. $1, lb. $5.

E. erythrina. "Narrow-leaved Iron-bark." Wood reddish, heavy, elastic and durable, is not apt to teredo proof. Useful for railroad ties, bridges and piles; height 100 ft. Per oz. $1.

E. 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, splices, fence rails, etc. Not recommended for dry localities or places; height 300 ft. Per oz. $2, lb. $16.

E. melanoxylon. "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. Per 25 seeds 25 cts.

E. 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 malarial-destroying qualities. Remarkably good for fuel, being easily sawn and split; also being extensively planted for timber, having been used for piles in wharves on the Pacific Coast with very satisfactory results; height 150 ft. Per oz. 50 cts., lb. $8.


E. Gunnii. "Tasmanian Cider Tree." Probably the hardiest of the genus. Will stand a considerable amount of frost. Recommended for all elevated and exposed positions. Good for fuel; height 100 ft. Per oz. $1.10.

E. haemanthaea. "White Gum." Good for fencing and rough building material; also makes a fair fuel. It thrives near the sea coast and is not suited in the dry interior valleys; height 150 ft. Per oz. $1, lb. $12.

E. hemiphloia. "Common Box." Wood very hard, strong and durable. It thrives at and near the coast, on the foothills and in the dry, sandy valleys. It furnishes a timber not easily split and is used for wheelwrights' handles, and various implements, also makes a first-class fuel; height 100 ft. Per oz. $1.

E. longifolia. "Woolly Butt." A large tree of great growth yielding well in any soil. Timber is durable and makes excellent fuel. The leaves yield a volatile oil and the profuse bloom furnishes nectar for bees; height 200 ft. Per oz. 75 cts.

E. maculata. "Spotted Gum." Wood as strong as English Oak. Extensively employed in shipbuilding and wheelwrights' work; height 100 ft. Per oz. $1.

E. melliodora. "Yellow Box." Of spreading growth, will also provide stouter stem, and makes good fuel. The young trees are largely used for telegraph poles, and the flowers furnish much sought after nectar for bees. One of the strongest and most durable timber. It makes the world's best; height 120 ft. Per oz. $1.25.

E. microtheca. "The Coolibah Tree." A desert tree that withstands the extreme heat of the desert and endures heavy frosts. Grows somewhat crooked. The timber is valuable for bridges, railroad ties, posts, and on account of the color and markings of the wood it is very extensively used for cabinet work; height 120 ft. Per oz. 75 cts.

E. obtusifolia. "Yellow Black Butt." A rapid growing variety, very good fuel. Also used for staves, cooperage and wheelwrights' work; height 120 ft. Per oz. 75 cts.

E. paniculata. "White Iron-bark." Wood hard and durable, excellent for railroad ties or for building fences. It splits well and is lasting underground; ht. 100 ft. Per oz. 75 cts.


E. piperita. "Peppermint Gum." Valuable for shingles, fence rails, etc. Yields a gum which is of remarkably quick growth; height 300 ft. Per oz. $1, lb. $10.


E. regans. "Royal Mountain Ash." A very scarce variety, growing at a very high altitude. Exposed on the hill slopes of the Australian Alps, near the snow line. Timber durable and excellent for fuel; height makes 75 ft. Per oz. $1.


EUCALYPTUS TREE SEED (Continued)

E. 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, shingles, etc.; height 200 ft. Per oz. 50 cts., lb. $5.

E. rudis. "Desert Gum." A valuable variety for arid regions. withstands heat, cold and winds. Unsurpassed by any other variety; height 100 ft. Per oz. $1, lb. $10.


E. siderophloia. "Dark or Broad-Leaved Ironbark." Very hard, light colored and heavy, of great strength. Durable and is used for railroad ties, shingles, bridges, etc. It is stronger than Hickory. Also used for fuel; height 100 ft. Per oz. $1.

E. Sieberiana. (Virgata). "Mountain Ash." Wood of excellent quality, strong and elastic, and may be used for all purposes where Hickory or ash are at present used. A most excellent fuel. Grows on mountain tops and stony ridges; height 150 ft. Per oz. $1, lb. $12.

E. Stauntoniana. "Apple-Scented Gum." A medium-sized tree with drooping branches. Will thrive very well in sandy soil. Durable and useful for shingles, fencing, etc. Also an excellent fuel. It grows near the coast. Its is similar to E. rostrata, but makes a straighter trunk; height 100 ft. Per oz. 75 cts., lb. $15.

E. teretifolius. "Gray Gum." A very handsome, large-growing variety. Wood durable and useful for shingles, fencing, etc. Also an excellent fuel. It is mostly planted for firewood, wind breaks and for shingles and rough building material; also for fuel. The young bark and leaves yield the Australian Manna—a hard, opaque, sweet substance; height 500 ft. Per oz. 75 cts., lb. $7.50.

Conifer and Miscellaneous Evergreen Tree and Shrub Seeds

All seeds quoted at less than 50 cts. per oz. will supply at 10 cts. per pkt.; those quoted at 50 cts. and upwards, at 15 cts. per pkt.

BUXUS sempervirens (Evergreen Box). Hardy, dwarf habit; height 8 ft. Oz. 25 cts., lb. $2.50.

CAMEPHORA officinalis (Camphor Tree). Very hardy, dwarf habit; height 50 ft. Oz. 25 cts., lb. $2.50.

CEDRUS deodara (Himalayan Cedar). A noble evergreen of pyramidal form; height 100 ft. Oz. 50 cts., lb. $5.

Libani (Cedar of Lebanon). Beautiful for lawn, 80 ft. Oz. 50 cts., lb. $15.

CORONILLA GLAUCI. Fine for hedges. Pkt. 15 cts., oz. 75 cts.

CRYPTOMERIA elegans (Fine-leaved Japanese Cedar). Foliage glaucous green. 50 ft. Oz. 50 cts.

Cryptomeria japonica (Japan Cedar). Splendid on lawns. 75 ft. Oz. 25 cts., lb. $2.

CUNNINGHAMIA lanceolata. A lofty evergreen resembling the Arawa, but more feathery. 100 ft. Oz. 25 cts., lb. $2.50.


SEMPERVIRENS (Italian Cypress). A European variety, very long-lived, the wood of which is almost imperishable. Height 70 ft. Oz. 25 cts., lb. $3.

JACARANDA mimosifolia (Brazilian Jacaranda). A handsome tree with fern-like foliage, and magnificent clusters of light blue flowers. Hardy in this vicinity. Height 30 ft. In pots containing from 30 to 40 seeds. Pkt. 5 cts.

JUNIPERUS Virginiana (Red Cedar). A well-known American tree. Height 50 ft. Oz. 25 cts., lb. $2.50.

LARIX salicina. A splendid ornamental evergreen shrub-like tree, growing some 12 to 20 feet high, with a broad, dense growth. Height 50 ft. Oz. 25 cts., lb. $2.50.

LIBICORDUS 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 (Japanese Privet). One of the best hedge plants. Height 12 ft. Oz. 15 cts., lb. $1.50.

MAGNOLIA grandiflora (Large-Flowing Magnolia). A native of the southern states where its presence indicates good soil. Height 100 ft. Oz. 35 cts., lb. $3.50.

MAGNOLIA Virgata (Large-Flowing Magnolia). A native of the southern states where its presence indicates good soil. Height 100 ft. Oz. 35 cts., lb. $3.50.

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.

Pinus (Dwrecus; 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-iron shaped and edible. Height 100 ft. Oz. 40 cts., lb. $4.

[64]
CONIFER AND MISCELLANEOUS EVERGREEN TREE AND SHRUB SEEDS (Continued)

Lambertiana (Sugar Pine). One of our largest native pines, forming a beautiful tree with light brown bark. Height 50 ft. Oz. 25 cts., lb. $2.50.

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 seas. Height 50 ft. Oz. 15 cts., lb. $1.50.

Parr mainly (Mexican Pison). A small-growing pine, native of Lower California mountains, growing on the desert side of the range, withstands considerable drought; a very attractive, fine pine. Oz. 50 cts., lb. $1.50.

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. $3.50.

Strobus (Weymouth or White Pine). A stately, straight and valuable tree. Height 100 ft. Oz. 40 cts., lb. $4.

Pinus Sabina (Gray-leaved Pine). Found in the hot interior foothills of Southern California; lowbranching 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 Pifons 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 8 ft. Oz. 40 cts., lb. $4.


PARKINSONIA Aclesta. A tree that should receive more attention. A wonderful sight when in bloom and bearing a grander mass of flowers in the year. Will grow without water on our driest hills and along the coast. Native of California. Pkt. 25 cts., lb. $1.

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.

SCIADOPITIS 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.

SOLANDER crenata (S. Betaceaum; 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.

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.

Sequevirens (California Redwood). Well known. Wood reddish, soft, close veined, easily split, light and brittle, but very durable. It luxuriant in the cool dampness of sea fogs. Ornamental for lawns or parks. Height 200 ft. Oz. 50 cts., lb. $5.

STERCULIA plantnifolia (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. $2.

THUJA aurea (Golden Arborvitae). A dwarf Chinese variety, compact and globular in shape; top foliage yellowish green; suitable for lawns, cemeteries, etc. Height 15 ft. Oz. 30 cts., lb. $3.

Aurea sempervirens (Ever Green 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.

Ocidentalis (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 (Laurel). 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.

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 renew 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 to try and 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. 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 Madagascari in New Zealand and in Australia.

Baueri (Seaforthia robusta). Not very hardy in this climate, but makes a pretty house plant under glass. A native of Norfolk Island. 10 seeds 25 cts., 100 seeds $2.

Lutescens. An extremely beautiful plant with arching pinnate leaves; will grow under glass. 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 one-seeded berry.

Canariensis. A handsome palm worthy of cultivation, either for lawn or for pot culture. 10 seeds 15 cts., 100 seeds $2.

Eexcelsa (Hardy Fan Palm). This palm grows to the height of from 20 to 30 ft.; leaves fan-shaped; trunk almost bare. Native of the East Indies. Oz. 15 cts., lb. $1.50.


ARECA LUTESCENS
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.

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.

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 arauceneant habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition. Native of East Indies; hardy. 10 seeds 20 cts., 100 seeds $2.

Tenuis. 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.

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.

Daetilifera. 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 the Cape of Good Hope; hardy. 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.

SEAFORTHIA elegans. One of the most elegant 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.
SEEDS OF DECORATIVE PLANTS


DRACAENA australis (Cordyline). 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 long, thin, armed point. A native of the Canary Islands; hardy. 10 seeds 10 cts., 100 seeds 75 cts., 1,000 seeds $5.

Indivisa (Cordyline indivisa). Sometimes called Dra- caea stricta. One of the most graceful palm-like trees, suitable for decoration either in or out-of-doors. Fine for avenues. Native of New Zealand. Oz. 35 cts., lb. $3.50.

MUSA ensete (Abyssinian Banana). Native of the moun- tain 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.

YUCCA. Six fine varieties, viz., Aloefolia fol. var., An- gustifolia, 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 varie- ties 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 germinat- ing 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, accord- ing 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.


APPLE (Pyrus Malus). Useful as a grafting stock. Oz. 10 cts., lb. 75 cts.


APRICOT (Prunus Armeniaca). Price on application.


LOQUAT (Eriobotrya Japonica). Seed supplied in sea- son. Procureable only in spring. Oz. 10 cts. lb. 60 cts.

PEACH SEEDLING (Prunus amygdalus Persica). Price on application.

PEAR (Pyrus communis). Used as a stock. Oz. 20 cts., lb. $2.

PLUM, Myrobolau (Prunus communis). A splendid stock on which to graft other varieties. Oz. 10 cts., lb. 60 cts.

QUINCE (Cydonia communis). Quinces generally pro- duce 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.


FRESH ORANGE SEED. Taken from ripe fruit, thor- oughly washed and cleansed from pulp. One pound contains about 1,500 seeds. Lb. $1. Only during spring months.

SMALL FRUIT TREES

CURLANT, 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 box-


STRAWBERRY, Large Mixed. Pkt. 10 cts., oz. 75 cts.

Red Alpine. This is the European wild strawberry. Pkt. 10 cts., oz. 75 cts.
MATILLIJA POPPY
(Romneya Coulteri)

A California native flowering shrub, and commonly known as the queen of the native flowers. It is a vigorous grower and often attains a height of 7 to 8 feet. The foliage is a beautiful silvery green, and the large flowers with their silky white petals and bright yellow center, make it one of the most attractive shrubs grown. The stems are long and stiff, making it very useful for cut-flower purposes. This magnificent plant should be in every garden. Well established plants $1 each.

BOUGAINVILLEA

This beautiful climbing plant, with its luxuriant growth and great abundance of showy flowers which are produced in masses, colors ranging from a delicate lavender to a deep magenta, and brick-red. This undoubtedly is the most popular climbing evergreen plant in cultivation. It is a free bloomer, and does remarkably well when planted in a warm exposure. We offer pot grown plants of the following varieties:

BOUGAINVILLEA GLABRA SANDERIANA. Color, a rich magenta. Plants in 4-inch pots 35 cts. each, 6-inch pots 75 cts. each, large plants in 5-gallon cans $2.50 each.

BOUGAINVILLEA SPECTABILIS. Color, carmine-purple. Plants in 4-inch pots 50 cts. each; larger plants $1 each.

BOUGAINVILLEA LATERITA. Color, brick-red. This is a rare novelty among flowering plants. Being one of the most difficult plants to propagate, there never has been a large stock to offer. We have a few fine plants in 6-inch pots at $2.50 each.
ROSES
NEW AND RARE VARIETIES
50 cts. each, six varieties for $2.50

FRAU KARL DRUSCHKI. The handsomest snow white rose ever introduced; free bloomer, long stems, and beautiful foliage.

GENERAL McARTHUR. One of the best ever-blooming varieties, producing great quantities of deep scarlet flowers, and a very robust plant.

KILLARNEY. A beautiful shell-pink rose, fragrant and a free-bloomer. Buds are long, and fine for bouquets. The most popular pink rose of the day.

ETOILE DE FRANCE. Bright crimson, buds long and graceful, plant is of a strong growing habit, and a good bloomer, one of the best.

MADAM LOMBARD. An incessant bloomer, and strong grower, producing fine flowers of a rosy-bronze, shaded with carmine. A novelty, very fragrant.

MME. ABEL CHATENAY. This splendid rose of novel color, golden pink, flushed with salmon, is a vigorous grower, producing large flowers and magnificent buds. Very rare and fine for use as a cut-flower.
NEW CLIMBING ROSES
30 cts. each; six varieties for $2.50.

CLIMBING BRIDESMAID. A climbing rose of the same rich pink-colored flowers as the bush variety of the same name. This is one of the best pink climbers, being a fast grower and free bloomer.

CLIMBING MME. TESTOUT. A beautiful bright clear pink rose, new variety and rapid climber; flowers large and handsome.

CLIMBING PERLE DES JARDINS. This free-blooming bright golden yellow rose is equalled by none. Being a hardy variety it is one of the best climbers in existence, and in great demand.

CLIMBING WOOTTON. A handsome velvety-red color, strong grower, and a superior red climbing rose.

CLIMBING KAISERIN (Mrs. Robert Peary). Hardy ever-blooming climbing, pure white rose, and blooms continuously from the first season. The flowers are large, very double and exquisitely fragrant. It certainly has no superior.

CLIMBING CECIL BRUNNER. An exact counterpart of Mme. Cecil Brunner, except that it is a very vigorous rapid climber. Its large clusters of rich pink blooms and pronounced sweet fragrance make it one of the most valuable roses for table and house decorations.

PALMS

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.; in 5-gallon cans $3 each; in large tubs specimen plants $12.50 each.

Cocos Plumosa. This is one of the handsomest palms grown and can be seen in some of the finest gardens in California. Being a tall growing variety it can be used in lawns or street parkways. Plants 5 to 6 feet high $15 each; larger plants $25 to $50 each.

AVENUE OF PALMS

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. Plants 18-inches high $2 each; 36-inches $7.50 each; 6 ft. $35 each.

COCOS FLEXUOSUS. A tall growing variety of graceful habit, attaining a height of 80 to 100 feet. Its odd formation of stem and head of beautiful feathery foliage are an ornament to the finest gardens. Plants in 5-inch pots $1 each.

CORYPHA AUSTRALIS (Livistona Australis). A very beautiful decorative palm for house culture. In 6-inch pots 13 to 2 feet high $1 to $2; larger plants, balled $2.50 to $5 each.

CYCAS REVOLUTA (Sago Palm). This noble palm with its dark green leaves, which come out of the top of the plant and uncurl like a cluster of ostrich feathers, borne on a dark brown stem, is one of the best decorative palms, a very slow grower and glossy foliage. Any good garden soil will suit it. Pots should be well drained and water applied sparingly during the winter. 6-inch pots $1.50 each, larger plants $2 to $20 each.
**CHOICE ARMAIN'S PLANTS**

**PALMS (Continued)**

**ERYTHEA ARMATA** (Brahea glauca; the Blue Palm). A native of Lower California, very hardy. One of the most exquisite fan palms, glaucous blue foliage, and slow grower. In tubs $2.50 to $5 each.

**ERYTHEA EDULIS.** One of the finest Fan Palms grown. Deep green leaves and very attractive, slender stem and more graceful than the California Fan Palm. Pot grown plants 50 cts. each; 3 feet high $2.50 each.

**KENTIA BELMOREANA.** This is the most valuable palm for house culture, being very graceful with dark green pinnate leaves. It grows well without any extra care and without a doubt is the best palm to grow in pots. We have a large assortment of sizes; 4-inch pots $1; 5-inch pots $2; 6-inch pots $4.50 to $6 each.

**KENTIA BELMOREANA**

**KENTIA FORSTERIANA.** Similar to the above and of equal value as a house plant. Prices the same. 1-inch pot made up plants, 4 plants in a pot $5 each.

**LATANIA BORBONICA** (Chinese Fan Palm). In 3-inch pots 75 cts.; 4-inch pots $1; large plants $1.50 to $7.50.

**PHOENIX CANARIENSIS.** One of the most beautiful palms for planting on lawns and in parks. The most graceful and handsome of our hardy palms; leaves pinnate and of a very dark green color. Besides being an out-door palm it does fine in the house and on porches, where it gets good light. They make a beautiful decorative plant when grown in a pot or Japanese tub. 4-inch pot 50 cts., 5-inch pot $1, larger plants 4 ft. high $3.50, 5 to 8 ft. high $8 to $10 each; specially selected in Japanese tubs, plants 4 to 5 ft. high $5 each.

**PHOENIX RECLINATA.** "Dwarf Date Palm," 12 to 20 ft. A graceful palm with drooping leaves and slender stem, but not as hardy as some of the others. Plants 3 ft. high $3 each, large plants in Japanese tubs $10 each.

**RHAPIS FLEABELLIFORMIS.** "Cane Palms" of China and Japan. The formation of this palm is in the form of a cluster of canes with bunches of fingered dark green leaves borne at the ends. Very ornamental both for a house and out-door plant. In 5-inch pots $1.50 each, 10-inch pots and Japanese tubs $6 each.

**SEAPORTHIA ELEGANS.** A beautiful tall growing variety, with long pinnate leaves. A hardy palm in Southern California. 6-inch pots $1, large plants in tubs $5 to $8 each.

**WASHINGTONIA ROBUSTA.** The most ornamental palm for street and group planting; exceptionally adapted to our warm southern climate. A favorite in all southern places. It has a very thin stem of dark reddish brown color, while the large fan leaves are a deep glossy green. This palm grows to a height of 75 to 100 feet. In 4-inch pots 25 cts., 6-inch pots 50 cts. to 75 cts., in cans and boxes 75 cts. to $2.50 each.

**AGAVES, YUCCAS, ETC.**

**AGAVE AMERICANA.** The well-known so-called Century Plant. Plain glaucous-green leaves. 25 cts. to $5 each.

**AGAVE VARIEGATA.** Same as above, with white or light-colored stripe through the leaf. 25 cts. to $5 each.

**AGAVE DECIPiens.** A dwarf variety with dark, olive-green leaves. 50 cts. to $1 each.

**DASYLIRION GRACIL.** An admirable plant for subtropical gardening or indoor decoration. 50 cts. to 75 cts.

**GLAUCOPHYLLUM.** Very decorative. Large plants in tubs. $7.50 each.

**YUCCA GLAUCA PENDULA.** A very decorative plant for porch decoration. Its head of glaucous green leaves with fountain-like appearance gives it a tropical effect. 6-inch pots 50 cts. each; medium size plants $1.50 each; large plants in tubs $5 to $5 each.
AGAVES, YUCCAS, ETC., (Continued)

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 to 2 ft. $2.50 each. Plants 2 ft. to 3½ ft. $5 each; specimen plants 4 to 8 ft. high, very bushy $10 to $35 each.

YUCCA GLAUCA PENDULA

DRACAENA

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.

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. Large plants $8 each.

INDIVISA. Narrower, longer leaves than preceding. Fine for hall or porch decoration. In 5-inch 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, well developed plants. 25 cts. to $1 each.

BAMBOOS

BAMBUS AuraE. 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.

ARAUCARIA EXCELSA (Norfolk Island Pine). One of the handsomest trees for planting on lawns and in parks, also extensively used as a decorative pot-plant, pyramidal form and an ornament to any garden. The branches come out in layers, several feet apart, therefore do not obstruct the view. Small plants $1, medium size $2, large size $5 each.

ARAUCARIA EXCELSA COMPACTA ROBUSTA. Foliage very heavy, strong and sturdy, which in this respect differs from A. Excelsa. Fine pot grown plants $3 each.

ARAUCARIA EXCELSA GLAUCU. Another of the A. Excelsa type, in character of growth, and one of the handsomest of all the family. Foliage a beautiful glauca green. Pot grown plants $2.50 each.

CEDRUS DEODORA (Himalayan Cedar). An exceedingly beautiful tree with drooping branches and silvery green foliage. A noble looking tree wherever planted; very rapid grower. In pots 1 to 2 feet high $1.50, 3 to 5 feet $3.50, larger size $7.50 each.

CRYPTOMERIA ELEGANS (Fine-leaved Japan Cedar). This handsome tree, much admired for its wonderful habit of growth, very dense foliage of soft feathery leaves, which are a deep green in summer and change to a deep bronze in winter. A popular tree in lawns, and does best when allowed to branch out directly from the base of the trunk to the top. Pot plants 50 cts., large plants in boxes $2 each.

CUPRESSUS GUADALUPENSIS (Blue Cypress). One of the quickest growing of the Cypress family. An erect grower, pyramidal form, foliage a beautiful glaucaus green. In pots 2 to 3 feet 75 cts., 6 to 8 feet $3 each.
CONIFERAE (Continued)

C. LAWSONIANA (Lawson Cypress). A native tree, and does well in this country. Being quite hardy, the nature of this tree is to grow bushy and erect with beautiful drooping branches with dark green glossy leaves, which have a silvery tinge. In pots 3 feet high 75 cts., large size $2.50 each.

C. MACROCARPA (Monterey Cypress). A native of this state, this tree is a rapid grower and can be trimmed into any shape. This fact, combined with its dense foliage, makes it very valuable for hedges and windbreak purposes. When allowed to grow in tree form it is one of the best shade trees. We can supply small plants in boxes of 100 plants at $1.50 per box. In pots 2 to 3 feet high 15 cts. each.

C. SEMPERVIRENS (Italian Cypress). This is the favorite cypress for planting in cemeteries, Italian gardens, and at the entrance of drive-ways and walks. Being a tall narrow growing tree it is extensively used for arches. The branches are erect and grow close to the trunk. Foliage a dark green. In pots 1 ft. 35 cts., 2 to 3 ft. 75 cts., 5 to 8 ft. $2.50 each.

PINUS INSIGNIS (Monterey Pine). A native of California, much used as a street shade tree and in groves being a rapid grower and very handsome, pyramidal habit, with long deep green needles or leaves; thrives best near the coast. Small plants in pots 25 cts., 3 to 4 ft. $1, 5 to 6 ft. $2 each.

PINUS PINEA, “Stone Pine.” A slow growing variety and very ornamental. Specimen plants 3 to 4 ft. $2.50 each.

PINUS SYLVESTRIS, “Scotch Pine.” A European variety, of robust habit, and silvery-green foliage. Trees 3 to 5 ft. high $2.50 each.

SEQUOIA GIGANTEA (California Big Tree). The largest tree in the world. A native of California and attains a height of from 300 to 400 feet with very thick trunks, some of them which have measured over 30 feet in diameter. Shape of tree is tapering with deep green foliage. One of the handsomest trees for avenues and private gardens. Very ornamental. 6-inch pots $1, large plants $5 each.

SEQUOIA SEMPERVIRENS (California Red Wood). Another one of California’s native giant trees. A very rapid grower and ornamental. The timber from this tree ranks among the finest in the world, both for building and decorative purposes. Small trees $1, larger size $3.50 each.

THUYA—Arborvitaes

THUYA OCCIDENTALIS, “American Arborvitae.” An ornamental evergreen shrub of thick growing habit, and especially valuable for hedges. Small plants 35 cts. each, size $1.50 each.

THUYA OCCIDENTALIS AMEA, “Chinese Golden Arborvitae.” One of the most beautiful compact ornamental shrubs. A slow grower and suitable for cemeteries and in narrow corners of beds where slow growth is desired. Foliage green and assumes a golden tint in spring. Large plants $2.50 each.

ORNAMENTAL PLANTS AND SHRUBS


ALOYSIA CITRIODORA (Lemon Verbena). Well known, fragrant shrub. 35 cts. to $1 each.

ASPIDIsta LUBICa, Native of China. The leaves of this variety are long, broad, shining dark green. A splendid house plant. 35 cts. to $1.

ASPIDIsta ELATION VARIEGATA. Foliage green with broad stripes of white. 35 cts. to $2.

AZALEA INDICA. A beautiful plant for the house, coming into flower during the winter when flowers are most appreciated. We have an assortment of varieties, colors pink, red and white. Large plants $3 each.


Small size ... 25-36-in stems, 24-28-in. heads $2.50 pair
Medium size ... 44-50-in stems, 24-26-in. heads 25.00 pair
Large size ... 44-50-in stems, 26-40-in. heads 40.00 pair
Extra large ... 44-50-in stems, 46-48-in. heads 75.00 pair

Pyramid shape 5 ft. high $20 per pair.
Pyramid shape 6 to 7 ft. high $35 per pair.

BOTTLE-BRUSH. See Callistemon.

BOX WOOD (Buxus Semperivens). A European shrub of very dense growth, leaves small, dark glossy green. Can be used as a hedge plant, but shows to better advantage when grown alone and used as a decorative plant. When set in Japanese tubs and placed on the porch or pillars, gives a striking appearance to the place. 5 ft. plants well shaped $8 each; 6 ft. plants $10 each. The above plants are in tubs.

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.

CAMELIA JAPONICA. Among the most beautiful winter flowering evergreen shrubs, handsome-shining, dark green leaves, and magnificent, wax-like flowers of the following colors, red, white, pink and variegated. This plant is hardy, does well in the house or conservatory, and out-doors, but should be planted in a shady location. Fine plants 15 inches to 3 feet high $2 each.

CRAPUS MYRTILE. A handsome, deciduous shrub that produces an abundance of very showy flowers. In three colors, rose, crimson and white. In pots 50 cts. Extra large 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.

COSMA 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-inch pots $1 each.

EULALIA JAPONICA (Japanese Plum Grass). Effective in groups. 50 cts. each; larger plants from open ground 75 cts. to $1 each.

FUSCHIA. Our stock of these ever-blooming plants embraces all the best sorts of single and double flowering varieties. Pot plants 25 cts. each.

GENISTA SCOPARUS (Cytisus scoparius; Spanish Broom). Bright yellow, pea-shaped flowers. In pots 35 cts. to $1.50 each.

HYDRANGEA HORTENSIA

GYNERIUM ARGENTEAUE (Pampas Grass). Well known; useful for planting on lawns, etc. Small clumps 50 cts., large $1 each.

[63]
ORNAMENTAL PLANTS AND SHRUBS (Continued)

ACACIA ABALEYANA. A small, handsome tree with glaucous foliage and covered with bright yellow flowers in spring. So profuse are the flowers they almost drown the foliage; very popular as a cut flower. This tree is an ornament to any garden. One of the finest of the Acacias trees. 4 to 5 ft. high. $1.50 each.

ACACIA DEALBATA (Silver Wattle). A handsome tree for planting on lawns and in parks; also one of the best for streets. In pots or cans 35 cts. to $1 each.

ACACIA DECURRENS. One of the best trees for street planting. In pots or cans 35 cts. to $1 each.

ACACIA FLORIBUNDA. In pots or cans 3 to 4 ft. 35 cts. to $2 each.

ACACIA LATIFOLIA. In pots or cans 3 to 4 ft. 35 cts. to $2 each.

ACACIA MELANOXYLON (Black Acacia). The best of the Acacias for street planting, and very extensively planted in late. In pots or cans 35 cts. to $1.50.

ACACIA MOLLISSIMA. In pots or cans 35 cts. to $1 each.

ACACIA PYCAHTHA (Golden Wattle). In pots or cans 35 cts. to $1.50 each.

CAMEPHORA OFFICINALIS (Camphor Tree). The cleanest of all shade trees and hardy in this climate; is considered to be one of the finest street shade trees; a fast grower, and requires little treatment. The beautiful light green, glossy foliage is an attraction all the year, while in the spring the new growth comes out a reddish brown and turns to green; 3 to 4 ft. high. $50 each; 4 to 5 ft. 75 cts.; 5 to 8 ft. $1.25 each.

CASARINA SUBEROSA (Erect She-Oak). A beautiful shade tree, quick growth and odd in appearance; needle shaped leaves, wood very hard. Small plants 25 cts., large trees $2 each.

CASARINA STRICTA, "C. quadrivalvis." A very fine tree in this climate, and becoming popular as an ornamental tree; does not grow as tall as the former; wood tough. Small plants 25 cts., large trees $2 each.

A FLAT OF EUCALYPTUS PLANTS AND POT-GROWN TREES

EUCALYPTUS CORYNOCALYX (Sugar Gum). One of the best of the family for a shade tree, and is being planted extensively as an avenue tree; wood very hard. In pots 25 cts. to 50 cts. Each. In flats of 100 plants, 10 to 4 inches $2; $15 per 1,000.

E. FICIFOLIA (Scarlet-flowered Gum). This handsome tree should be in every garden; a rapid grower and excellent shade tree, dark green leaves and immense clusters of bright scarlet flowers. Trees 5 to 6 ft. $1 each.

E. GLOBULUS (Tasmania Blue Gum). In pots 15 cts. to 25 cts. In flats of 100 plants, $1.50 per flat, $12.50 per 1,000.

E. ROBUSTA (Swamp Mahogany). In pots 15 cts. to 25 cts. In flats of 100 at $2 per flat.

E. ROSTRATA (Red Gum). In pots 15 cts. to 25 cts. In flats of 100 plants, $2 per flat, $15 per 1,000.

For further descriptions of Eucalyptus turn to pages 62-63.
ORNAMENTAL EVERGREEN TREES (Continued)

GREVILLEA ROBUSTA (Silky Oak, or Australian Fern Tree). This beautiful tree is well adapted to this climate, and is one of the best avenue trees, rapid growth, fern-like leaves and golden yellow flowers, which adorn the tree in the early summer months. 4 ft. trees 50 cts., 5 ft. 75 cts. each.

JACARANDA MIMOSAEFOLIA (Brazilian Jacaranda). A beautiful tree of rapid growth, very fine cut fern-like leaves with large panicles of very showy blue flowers, which come out in summer. Grown in Southern California as a shade and ornamental tree; 3 to 4 ft. high 75 cts., large trees 6 to 8 ft. $2 each.

MAGNOLIA GRANDIFLORA. This noble evergreen tree, a native of the Southern States, grows to a height of 100 ft. and does well in this climate; a perfectly formed tree with large glossy green leaves. The flowers are large, pure white and fragrant. Plants 1 to 2 ft. 50 cts., large size 4 to 5 ft. $2.50 each.

PITTOSPORUM EUGENOIDES. A handsome shrub, upright growth, with black stems and silvery-green leaves, very showy. Large plants 4 to 6 ft. high $3 each.

PITTOSPORUM UNDULATUM. Can be grown in either shrub or tree form; has magnificent glossy leaves and fragrant flowers. Can be used for hedges or ornamental purposes, and has no equal. Small plants 25 cts., large size $1.50 each.

AMERICAN ELM. This beautiful tree grown in many parts of the United States, is one of the best deciduous trees and grows quite tall. 6 to 8 ft. trees 75 cts. each.

ARIZONA ASIL. A rapid growing tree, suitable for planting in arid regions where shade is required in summer time and sunshine in winter. 4 to 6 ft. trees 50 cts. each.

BLACK LOCUST. Native of North America, a rapid grower, grown extensively for lumber; white flowers. 50 cts. each.

PAPYRUS GRASS. See Gymnium.

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.

PEPPER TREE. See Schinus Molle.

SCHINUS MOLLE (Mexican Pepper Tree). This beautiful tree is too well known and popular to need much description. It has been one of the greatest attractions for years in Southern California and for a shade, ornamental, park, or avenue tree, it has no equal. Some specimens in Los Angeles are 50 ft. high and equally as broad. The dense foliage of green feathery leaves, white flowers and red berries add to the beauty of the tree. Small trees 25 cts., 4 to 5 ft. 50 cts., 6 to 7 ft. 75 cts. each.

STERCULIA ACERIFOLIA (Australian Flame Tree). Pyramidal habit and large green leaves, produces masses of scarlet flowers, which can be seen at great distance. A very showy tree and should be in every collection. Large trees $2.00 each.

STERCULIA DIVERSIFOLIA (Brachychiton populneum). This tree is rapidly becoming a favorite for street and avenue planting. Very graceful form; hardy and strong, leaves a bright glossy green, with various formation in shape. 3 to 4 ft. 50 cts. 5 to 6 ft. 75 cts. 6 to 8 ft. $1.50 each.

ORNAMENTAL DECIDUOUS TREES

DOWNING MULBERRY. A quick grower, producing good fruit and shade. 50 cts. each.

LICK'S AMERICAN MULBERRY. One of the best fruiting varieties, black and exquisite flavor. Height 60 ft.; a thrifty grower. 50 cts. each.

PRENUS, PISIARDI (Purple-leaf Plum). A very ornamental tree of medium size. Wood and leaves dark purple; very delicious fruit. 50 cts. each.

SILVER MAPLE. The favorite Eastern shade tree; also does well in this climate. Foliage very striking. 75 cts. each.

TEXAS UMBRELLA TREE

BLACK WALNUT. A robust tree, beautiful foliage, dense spreading top; wood very durable. 50 cts. each.

CAROLINA POPLAR. An upright growing tree, pyramidal head, large glossy deep green leaves. One of the best for street shade. 75 cts. each.

CATALPA SPECIOSA. A rapid growing tree; height 100 ft. Valuable for shade and timber. 25 cts. and 50 cts. each.

SYCAMORE. One of the best forest shade trees; a rapid grower. 75 cts. each.

TEXAS UMBRELLA TREE. One of the most beautiful shade trees. A rapid grower with very dense umbrella head, giving abundance of shade all summer. There is no better tree for the desert home. 3 to 4 ft. trees 30 cts. each, 4 to 5 ft. trees 40 cts. each, 5 to 6 ft. trees 50 cts. each, 6 to 8 ft. trees $1 each.
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 internal 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 CUNEAUM.** One of the most beautiful of all Maidenhair Ferns; the most popular and most generally grown by florists for decorations. 35 cts. to $1.

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

**NPHROLEPIS EXALTATA BOSTONIENSIS.** Known as the Boston Fern. This is decidedly the favorite for growing in hanging baskets, wall pockets and in diners. Its long, broad, arching fronds show to grand effect. 50 cts. to $1.50.

**NPHROLEPIS PIERSONII.** This beautiful fern originated from the Boston Fern, but has a much more fluffy leaf; is one of the finest for decorative purposes. 6-inch pot plants 75 cts. each.

**NPHROLEPIS WHITMANI.** Commonly known as the Ostrich Plume Fern because of its heavy plume-like leaves. Very graceful and looks as if two or three leaves were condensed in one; a beautiful plant for house culture. 6-inch pot plants 75 cts. each.

**PHERIS TREMUL.** One of the finest for house decoration, growing very rapidly and throwing up large fronds; makes magnificent specimens. Easily grown and very popular. 35 cts. to $2.

We have a choice assortment of small ferns which can be used in Fern Dishes for the center of tables, etc. 15 cts. each, $1.25 per dozen.

Our stock of hardy ferns for out-door planting includes all the finest varieties for bedding purposes and rockeries: 4-inch pot plants 55 cts. each, $2.50 per dozen.

**JAPANESE FERN BALLS**

Of these we have a fine lot of perfect balls. During winter and early spring these are dormant, but on approach of warmer weather they will again burst into growth. 75 cts. each.

**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.

Our assortment of these magnificent plants includes all the best sorts for out-door bedding, and house culture, beautiful flowering varieties, and the much admired Rex Begonia. We can supply fine plants as follows:

**REX VARIETIES.** 5-inch pot, 50 cts.; 6-inch, 75 cts. each.

**FLOWERING VARIETIES.** For the house, 4-inch pot, 35 cts.; 5-inch, 50 cts.; 6-inch, 75 cts. each.

**BEDDING VARIETIES.** 3-inch pot, 10 cts. each. $1 per dozen.

**HANGING BASKETS**

There is nothing so attractive on a porch or arbor as a few nice baskets with growing plants. They add to the beauty and value of the home and break the stiff appearance of the walls. We can supply 12-inch baskets either filled with Boston Ferns or Asparagus Sprengeri at $2.50 each.
**ORNAMENTAL ASPARAGUS**

**ASPARAGUS Sprengeri.** This beautiful plant is rapidly becoming popular as a decorative plant and is seen growing in nearly every fine garden mixed with Ferns, and is extensively used in hanging baskets. 4-inch pot plants 25 cts., 6-inch 50 cts. each.

**ASPARAGUS plumosus.** The most valuable decorative plant grown. Its fine feathery foliage which grows in great length, and has a deep green color, is used in all the best decorations and floral work; is easily grown and thrives best in partial shade. 4-inch pot plants 25 cts.; 6-inch 50 cts. each.

**BEDDING PLANTS**

AGAPANTHUS UMBELLATUS (Blue African Lily). Flower-stalks 2 or 3 feet high; from 30 to 100 lily-like flowers of a lovely sky-blue color. 50 cts. each.

AGERATUM. A dwarf plant suitable for beds or borders, light blue flowers, and dark green leaves. 75 cts. per dozen.

ALTERNANTHERA. Red and yellow; for borders and rock gardens. 5 cts. per dozen per 100.

COLUMBINE. A very showy bedding plant. 1½ feet high, blooming freely during spring and early summer; fine for cutting. 3 and 4-inch pots 20 cts. each, 6 for $1.

COREOPSIS LANCEOLATA. The best bedding plant for show. A rapid grower and produces great quantities of handsome golden yellow flowers all summer; long stems and a favorite for cutting. 10 cts. each; $1 per doz.

CYCLAMEN GIANTUM. One of the finest plants for house and greenhouse culture. Flowers beautiful; very ornamental for winter and spring flowering; assorted colors, 50 cts. each.

ENGLISH DAISY. One of the best border and bedding plants. Dwarf; mixes well with pansies and other low growing plants; free bloomer. Colors, white, pink, and red. 25 cts. per doz.; $2 per 100.

VIOLETS

CALIFORNIA. A grand violet grown all over the country for cut-flower purposes. Flowers very large and of uniform size; stems often a foot long. 50 cts. per doz.

PRINCESS OF WALES. The largest Violet in cultivation. The flowers open out flat, similar to a pansy, and are deliciously fragrant. The most productive long-stemmed variety. 50 cts. per doz.

SWANLEY WHITE. Color, white; very fragrant. Strong pot-grown plants 50 cts. per doz.

GERANIUMS

Named varieties 10 cts. each, $1 per doz., $5 per 100.

GENERAL GRANT. A strong grower. Single, bright scarlet. A continuous bloomer; one of the best for bedding.

GERTRUDE PEARSON. Bright rosy pink, with white eye. Single, and in bloom all the year.

JEAN VIAUD. Double rosy pink, with white center. One of the handsomest geraniums for all purposes; free bloomer.

JOHN FORRE. Scarlet, very large flowers and very showy; an excellent single variety.

JACQUERIE. A large flowering single variety; color, dark velvety crimson scarlet.

PHYLIS. The best single salmon rose; free bloomer, and large flowers.

BEAUTE POITEVINE. One of the best double geraniums; large flowers of soft salmon pink.

MAD. A. CHEVRELIERRE. The finest double white; in flower all the time.

LA PILOT. Double orange scarlet. Extra large trusses of bloom.

M. CANOVAS. There is no better dark crimson variety; double flowers, large and fine.

THOMAS MEEHAN. Double bright pink. Large trusses; one of the best.

SNOWDROP. A charming white single geranium. We can supply Geraniums in mixed varieties; all the best kinds. 10 cts. each. $1 per doz.; $8 per 100.

PANSY

No garden is complete without this most beautiful flower. Our strain of Giant Flowering varieties embraces all the choicest colors. There is nothing so attractive in the spring as a bed of nice Pansies. 25 cts. per doz.; $2 per 100.

PETUN A

We have devoted much time to the growing of this charming flower, and have succeeded in getting an assortment of the very finest double and single large flowering varieties. These can be grown successfully out-doors, and as a free blooming plant for beds they have no superior. 15 cts. each; $1.50 per doz.

PERENNIAL PHLOX

Our collection of these beautiful spring and summer flowers comprises all the best flowering varieties and colors. A bed or border of Hardy Phlox with their masses of showy flowers is the admiration of everybody. We offer strong field grown clumps at 20 cts. each; $2 per doz.

PELARGONIUMS (Lady Washington Geraniums). Summer and fall flowering plants. Beautiful trusses of flowers of various colors. Mixed, leading varieties, 15 cts. each; $1.50 per doz.

PENSTEMON

For show and cut flowers this is among the best. A perennial plant with flower stalks 18 inches to 3 feet long, and immense heads of beautiful blossoms of the richest colors, being constant in flower, makes it a valuable decorative plant. Every lover of flowers should have a bed of our Giant Penstemons. 15 cts. each; $1.50 per doz.

SALVIA

SALVIA SCARLET. This excellent summer bedding plant is too well known to need much description. A bed of this when in full bloom with its spikes of bright scarlet flowers and green foliage makes a striking effect, and must be seen to be most appreciated. 10 cts. each; $1 per doz.

SALVIA PATENS similar to the former in many respects, but being a blue flower, it hardly is so attractive, still it adds to the effect and appearance of the garden. 10 cts. each; $1 per doz.

SHASTA DAISY

A vigorous growing perennial plant of great value both for decorative and commercial purposes. The large pure white flower, with their yellow center and long stems is rapidly becoming one of the best for cut flowers. A very free bloomer and greatly admired; should be in every garden. Strong young plants 10 cts. each; $1 per doz.

STOCKS

During the Spring and Fall we can supply large flowering stock plants in red, white, pink, and purple colors. By planting these in rotation in this climate you can have blossoms the year round. The trusses of beautiful flowers make fine bouquets. 25 cts. per doz.; $2 per 100.

TRANSVAAL DAISY

(Gerbera Jamesonii.)

This magnificent scarlet Daisy, practically new to the average person, but rapidly coming to the front, due to its great attractiveness and flowering merits will soon be one of the most prominent plants of the day. The keeping qualities of the flower when cut are wonderful and the dazzling scarlet color gives a rich effect when used for decorating. Thrives best in rich loamy soil and sunny location. Strong plants 35 cts. each.
VERBENAS

Our assortment of these practically ever-blooming plants is made up of the mammoth flowering varieties. For a low-growing plant of the trailing nature there are none equal to Verbenas for bedding. They do well in the hot sun and are often planted in pairings between the sidewalk and curb. We can supply young plants in the following colors: White, scarlet, pink, and purple. 50 cts. per doz.

CLIMBING PLANTS

AMPELOPSIS QUINQUEFOLIA (Virginia Creeper). A rapid grower, and one of the best deciduous vines. Clings to the wall or fence without being tied. Small plants 25 cts.; large size 50 cts. each.

AMPELOPSIS VEITCHII (Boston Ivy). A deciduous climber of great prominence; rapid grower and self-supporting to the wall; hardy and thrives well in any good soil; leaves dark green in summer, turning to lovely shades of red and bronze in the autumn. Small plants 25 cts.; large size 50 cts. each.

AUSTRALIAN PEA VINE. (See Dolichos).

BIGNONIA. GRANDIFLORA. This rapid grower is among the most handsome flowering vines. A good vine to plant where shade is wanted in summer and sunshine in winter, as it is deciduous. The large beautiful trumpet-shaped blossoms of bright orange scarlet are produced in great quantities all summer. Plants 50 cts. each, making a perfect masonry.

BIGNONIA MACKENZIEL. A very vigorous growing vine, and free bloomer; pink flowers. 25 cts. each.

BIGNONIA TWEEDIANA. For covering walls and outbuildings this is one of the best vines, being of clinging habit; it is very useful; flowers clear yellow. 35 cts. each.

BIGNONIA VENUSTA. The most popular of the Bignonia's; a quick grower. Dark green leaves and great quantities of orange-yellow flowers, which come in clusters. 50 cts. each.

BOUGAINVILLEA. See page 38.

COBAREA SCANDENS. A rapid climber, with purple bell-shaped flowers. 25 cts. each.

COBAREA SCANDENS. White, similar to former in habit of growth. 25 cts. each.

DOLICHOS LIGNOSUS (Australian Pea Vine). A most desirable vine for covering fences and out-buildings. A very rapid grower and covers in very thickly; requires no extra care, and blossoms the year round. 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 most effective and permanent screen. 50 cts. each.

HEDERA HELIX (English Ivy). Too well known to need describing. The thick, glossy green foliage and sturdy growth of this vine has made it a universal favorite. 25 cts. each.


JASMINUM FRUTICANS (Jasmine). Yellow. A strong grower and very fragrant. 25 cts. each.

JASMINUM GRACILIS. White; a very graceful vine with great quantities of very fragrant flowers. 25 cts. each.

LONICERA SINENSIS (Chinese Honeysuckle). White and red, very fragrant. One of the best hardy climbers in cultivation; thrives well any place, and a fine bloomer. 35 cts. each.

LONICERA JAPONICA AUREA RETICULATA (Golden-netted Honeysuckle). White and yellow. 35 cts. each. LONICERA HALLIANA. White and pink. 35 cts. each.

MANDEVILLEA SUAVEOLENS (Chili Jasmine). White, very fragrant; deciduous. 35 cts. each.

PASSIFLORA (Passion Vine). We can supply these favorites in the following colors: scarlet, white, pink and lavender. 35 cts. each.

PHASEOLUS CARACALLA (Snail Vine). Color, purple and yellow; splendid. 35 cts. each.
ROSES

GENERAL COLLECTION

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, 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.

Roses listed at 25 cts. each are $2.50 per dozen.
Roses listed at 35 cts. each are $3.50 per dozen.

MeteOR. This rich, dark crimson Rose is becoming more popular every year, owing to its excellent properties. Light salmon-pink. 25 cts. each.
Mme. CAROLINE TESTOUT. Brilliant, satiny pink. 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.
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.
PRINCE CAMILLE DE ROHAN. Very deep crimson. Will give excellent satisfaction to those desiring a dark red Rose. 25 cts. each.
RICHMOND. A grand new hybrid tea rose, strong grower, long stems, choice buds, bright scarlet. 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 delusive fragrance; a very free bloomer. 35 cts. each.
SOUVENIR DU WOOTTIN. A beautiful shade of deep crimson, exquisitely fragrant, a constant, prolific bloomer; long stems. 25 cts. each.

PHOTOGRAPH

SINGLE CHEROKEE

AlICE ROOSEVELT. Of brilliant color, red bud, deep pink when open. 35 cts. each.
AMERICAN BEAUTY. Deep, brilliant rose carmine, shading toward the center to a rich carmine-crimson. Very fragrant. Each 25 cts.
BABY RAMBLER. A novelty in Roses; the flowers are similar in character and color to the Crimson Rambl- ber, but the plant is a dwarf, erect-growing bush and a free bloomer. 35 cts. each.
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. 35 cts. each.
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.
BRIDESMAID. This is a "sport" from Catherine Mer- net, and while it possesses all the good characteristics of its parent, it surpasses it in color, being a deep bright pink. 25 cts. each.
CAPTAIN CHIWI. Delicate flesh color; darker toward the center. 25 cts. each.
CATHERINE MERDET. A rapid grower, profuse bloomer; long stems; well-developed flower of pink color shading to flesh. 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; nearly white shading to pink at edge. 25 cts. each.
DUCHESS DE BRABANT. Very strong, rapid grower, a most beautiful flower; 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.
GLOIRE DE MARGOTTIN. Bright dazzling scarlet; a very fine flower. 35 cts. each.
GRUS AN TEPLITZ. One of the best, hardy, ever-bloom- ing 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 (Baldwin). A deep crimson, hardy and profuse bloomer. 35 cts. each.
JUBILEE. Deep velvet crimson with red shading, one of the best dark Roses grown; awarded gold medal by Mass. Horticultural Society. 35 cts. each.
KAISERIN AUGUSTA VICTORIA. A hybrid tea Rose of a soft, nearly white color, tinged in the center with lemon. It is very fragrant; a strong, vigorous grower with beautiful foliage. 25 cts. each.
LADY ROBERTS. A magnificent bud; flower large, ex- quisite form; color reddish apricot. 35 cts. each.
LA FLEUR. Deep crimson, hardy and profuse bloomer of all Roses, both in bud and in full bloom; peach- blossom color, and of the richest fragrance. 25 cts. each.
MAGNA CHARMA. A hybrid pink, tinged with salmon and carmine; very handsome and of a vigorous habit of growth. 25 cts. each.
MAMAN COCHET. One of the best for summer-blooming. The buds are of a beautiful light pink color which continues in the open flower. The blooms are delightfully fragrant and are held erect on strong stems. 25 cts. each.
MARIE ANNE HOUTTE. Pale, creamy yellow, edge of petals shaded salmon-pink. This is a universal fa- vorite. 35 cts. each.
MARIE DE QUEMONT. A novelty in roses, color copper yellow, very fine. 35 cts. each.
MARGOUE DE QUEMONT. A delightfully fragrant and free blooming Rose; large, double, exquisitely fragrant. Rivals the best. 25 cts. each.
CLIMBING PAPA GONTIER. This is a new variety with the fine form and color of the favorite bush Rose of same name; a vigorous grower. 35 cts. each.

CLOTH OF GOLD (Chromatella). A large, deep yellow Rose, very full and a free bloomer; hardy. 25 cts. each.

CRIMSON RAMBLER. Rich, crimson Roses in magnificent clusters, every cluster a bouquet. Hardy, rapid grower. 25 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.

MADAM ALFRED CARRIER. Color, shell-pink, a robust grower and profuse bloomer. A great favorite in this climate. 25 cts. each.

These magnificent flowers are as easily grown as the "Decorative Dahlias," but surpass them in beauty and graceful form. The petals of some of the varieties are peculiarly twisted, giving them more the appearance of Chrysanthemums in marked contrast to the stiff petals of the old-fashioned sort. Price 25 cts. each or 1 per doz.

AEGIR. Rich, warm cardinal red, petals twisted.

EARL OF PEMBROKE. Bright plum color; a royal shade.

EXQUISITE. Pure orange scarlet, with salmon shadings.

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.

PHILADELPHIA RAMBLER. Quite an improvement on the "Crimson Rambler," the flowers being much deeper and a more intense crimson. 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.

REVE DOR. Yellowish buff in color, a very free bloomer with handsome buds. 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.

W.M. A. RICHARDSON. Orange yellow; very distinct. 25 cts. each.

YELLOW BANKSIA. Small, yellow flowers on thornless stems. 25 cts. each.

CACTUS DAHLIAS

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; salmon-pink.

DR. CHOATE. This beautiful, light scarlet variety should be in every garden; one of best for general purposes; very fragrant.

ENCHANTRESS. The grandest of all Carnations; the flowers are the largest and bolder 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. THOS. LAWSON. This popular Carnation is well known for its large, beautiful flowers of rich pink, 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. Rich, velvety, crimson, producing a great abundance of very large flowers, delightfully scented; a leading variety.

WHITE ENCHANTRESS. One of the best large white Carnations, similar in size and character to Pink Enchantress, a good keeper.

CANNAS

There is nothing more beautiful or attractive than a bed or hedge of this beautiful flowering plant, producing fine stalks, handsome flowers, in various shades of yellow, orange, scarlet, pink and variegated. Our stock embraces all the new and leading varieties. Price $1.50 per dozen plants.
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.

A. J. BALFOUR. A fine variety of the Japanese type; flowers very large; color, bright rose.
BLACK HAWK. Largest and most beautiful dark crimson-scarlet.
CHARLES MUNRO. Large flowers, inner side of petals red, outside old gold, which makes a striking contrast.
COLONEL APPLETON. Golden yellow.
COLONEL BADEN POWELL. Light purple, large flowers, strong grower.
COLONEL ROWELL. Rich canary yellow, beautifully formed flowers and one of the best.
DURHAM'S PRIDE. Rich lavender-pink color, with long, incurving and curling petals.
ETOLE DU NORD. Rich yellow. An old popular variety, foliage deep green, strong stems, might be termed King of Yellows.
FRANK HAG. Superb, pure white; immense, full, deep globular flowers, beautifully incurved.
F. S. VALIS. Citron yellow shade, petals twisted and reflexed, large blooms.
GOOD GRACIOUS. Bright pink, one of the best of its class. A standard variety, large flowers.
HARRY PLUMRIDGE. Pure white, large blooms, strong grower, of the Japanese type.

LAVENDER QUEEN. New color, entirely distinct from any in commerce, soft lavender-pink.
MADAM CARNOT. Snow white, long drooping petals, strong grower, and very handsome.
MADAM V. CLAVERIN. Color shade of Rosy lavender. Large petals, large flowers.
MADAM WALDECK ROUSSEAU. Color rosy crimson, outer side of petals a lighter shade, enormous flowers of loose habit.
MAJOR BONNAFON. Soft, clear yellow, incurved, full in the center.
MISS LUCY EVANS. Pink. Flowers of great depth and beautiful form.
MRS. HARRY EMMERTON. Amber yellow, splendid large flowering variety.
MRS. T. W. POCKETT. Light yellow, finely formed flowers, long stems.
MUTUAL FRIEND. Reflexed, pure white, 7 to 11 inches in diameter, great depth of flower.
R. E. RICHARDSON. Fine, pink variety, flowers loosely incurved.
T. CARRINGTON. Large flowers, long stems; one of the best; rosy purple.
YELLOW PRINCE. A grand variety of the Good Gracious and Frank Hardy class; tawny orange.

CITRUS FRUIT TREES

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.
THOMSON'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. A late and prolific bearer, fruit medium size, oval, solid and heavy; flesh exceedingly juicy and sweet; holds its quality until autumn. Each $2.
TANGERINE. The standard variety ripens at the same time as the navels; pulp is sweet and separates freely from the rind. Each $2.

LEMONS

EUREKA. Favorite shipping commercial variety. Fruit medium size, sweet rind, abundant acid, fine flavor; heavy bearer. Each $2.
LISBON. Medium-sized fruit, oblong with prominent point, few seeds, acid strong, and of fine flavor; very productive. Each $2.
VILLA FRANCA. Fruit medium size, fine flavor, nearly seedless, rind thin, with no trace of bitterness. Valuable for commercial planting. Each $2.

THE POMELO, or GRAPE FRUIT

TRIUMPH. Medium size, few seeds, heavy, juicy and well flavored; early, prolific. Each $2.
FOGG'S IMPROVED. A standard variety, medium sized fruit of good flavor. Each $2.
MARSH'S SEEDLESS. Said to be the best of Pomelo family. Seedless and sweet; eaten without sugar when fully matured. Each $2.
DECIDUOUS FRUIT TREES

CHOICE PLANTS

THE PRODUCTS OF OUR FRUIT TREES

ALMONDS

NE PLUS ULTRA. Tree a rapid grower, leaves large, good bearer, nuts large, shell soft; 25 cts. each, per 100 $50.

L X L. Nuts large, easily shelled, no bleaching necessary; fine bearer, tree of upright growth; highly recommended by planters; 25 cts. each, $50 per 100.

NONPAREIL. Of a weeping style of growth; small foliage; a heavy bearer with thin shell. One of the best; 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 ASTRAKHAN. 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, $20 per 100.

FAL 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 BELLEFLEUR. Large size, oblong, flesh juicy, rather acid; does well in California. 25 cts. each, $20 per 100.

KENTUCKY RED. Medium size, greenish yellow, 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. Admiringly adapted to southern California; large, round, yellow, striped red, tender and juicy; fine for market. 25 cts. each, $20 per 100.

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.

TRANSCEENT. Fruit large, tree productive; crisp and juicy, skin yellow striped red. 25 cts. each.

MARITHA. 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 TAHTARIAN. 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 BAGARREAU (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. 50 cts. each.
FIGS (Continued)

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. 50 cts. each.

BLACK CALIFORNIA. Large, dark purple, very productive; the kind found most common in California. 55 cts. each.

BROWN TURKEY. Fruit large, color violet brown; the earliest Fig in the San Francisco market. 50 cts. each.

GRAPES, AMERICAN VARIETIES

<table>
<thead>
<tr>
<th>Type</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAPE, THOMPSON’S SEEDLESS</td>
<td>10 cts. each, $1 per dozen</td>
<td>Large, black, skin excellent; one of the best table grapes.</td>
</tr>
</tbody>
</table>

DECIDUOUS FRUIT TREES (Continued)

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.

MUSCAT OF ALEXANDRIA. Yellowish green, skin thick, extensively planted for raisins.

SULTANA. Long bunches, berries amber colored, seedless; a fine bearer and excellent for raisins.

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.

MÁLAGA. Immensely productive; berries very large, on large bunches, yellowish green; a splendid shipper.

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.

HARDWICE. Rich and of fine flavor, skin green with red cheek; large size; a splendid variety. 35 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.

PEACHES, WHITE FREestone VARIETIES

BRIGGS’ RED MAZ. Early, very popular; fruit medium to large; skin greenish white with red cheek; juicy and sweet. 25 cts. each, $22.50 per 100.

GERMAN IV. Super medium to large fruit; tender and sweet. 25 cts. each, $22.50 per 100.

ALEXANDER. Considered the best early; large greenish white, shaded with red; sweet and juicy. 25 cts. each, $22.50 per 100.

PEACHES, YELLOW FREestone VARIETIES

FOSTER. Fruit large, yellow, red on cheek, early, rich and juicy; fine for canning or drying. 25 cts. each, $22.50 per 100.

EARLY CRAWFORD. Large, oblong, skin yellow, with fine red cheek, flesh excellent. 25 cts. each, $22.50 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. 25 cts. each, $22.50 per 100.

LATE CRAWFORD. Very large, yellow, red cheek; sweet and of fine flavor; good for canning, etc. 25 cts. each, $22.50 per 100.

LOVELL. Large, of excellent flavor, largely used for canning and drying. Commands better prices than other varieties. 25 cts. each, $22.50 per 100.

SALWAY. A standard late peach; large, yellow mottled, with red cheek of sweet, luscious flavor. 25 cts. each, $22.50 per 100.

BILYEU’S LATE. A fine shipper, large, white, with blush cheek, sweet. 25 cts. each, $22.50 per 100.

PEACHES, CLINGSTONE VARIETIES

ORANGE OR GOLDEN. Medium size, skin golden yellow; flesh rich and sweet. 25 cts. each, $22.50 per 100.

TUSCAN CLING. A large, early, yellow cling, flesh juicy and of fine flavor; good canner and shipper. 25 cts. each, $22.50 per 100.

LEMON CLING. Fruit large, lemon shape, red on sunny side; rather acid in flavor. 25 cts. each, $22.50 per 100.
DECIDUOUS TREE PLANTS (Continued)

PEACHES, (Continued)

HEATH CLING. Very large, white with light shade of red; tender and sweet; good for canning. 25 cts. each, $2.25 per 100.

INDIAN CLING. Rich and juicy, one of the best for canning; fruit blood red, very sweet, a heavy producer. 25 cts. each, $2.25 per 100.

PEARS, EARLY VARIETIES

MADELINE. The earliest, fruit medium pale yellow, flesh melting and sweet. 35 cts. each, $3.00 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, $3.00 per 100.

SECKEL. Small but of superlatively table excellence; color yellow russet with red cheek, spicy flavor; very popular. 35 cts. each, $3.00 per 100.

PEARS, WINTER VARIETIES

FLEMISH BEAUTY. Large pale yellow pear, very juicy, prolific bearer and very hardy. 35 cts. each, $3.00 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, $3.00 per 100.

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.

PLUMS

BURBANK. The best of the Japanese varieties. Fruit large, round, red, flesh yellow, sweet with a very pleasant flavor. 35 cts. each, $3.00 per 100.

GREEN GAGE. Pale green, small, round, juicy, of fine flavor. 35 cts. each, $3.00 per 100.

KELSEY JAPAN. Ornamental and a splendid bearer; fruit large, light red, when ripe of splendid quality. 35 cts. each, $3.00 per 100.

SATSUMA. Large, dark red, flesh red, firm, solid and juicy and of fine flavor. 35 cts. each, $3.00 per 100.

WICKSON. A deep cherry red. Flesh amber, very juicy and delicious flavor. A small pit; ripens in early August and is a valuable shipping plum. 35 cts. each, $3.00 per 100.

PRUNES

FRENCH PRUNE. Violet purple, rich and sugary, medium size, productive, fine for drying; planted extensively on this account. 35 cts. each, $3.00 per 100.

HUNGARIAN PRUNE. Large, red or violet, juicy and sweet; a vigorous tree and strong bearer; fine for shipping or home market. 35 cts. each, $3.00 per 100.

SUGAR. Early tree, vigorous, carries a high percentage of sugar; dark purple flesh, tender and rich. 50 cts. each.

QUINCES

ORANGE. Large fruit, fine for preserves; productive and popular; color golden yellow. 35 cts. each, $3.00 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, $3.00 per 100.

SMYRNA QUINCE, 3-YEAR-OLD TREE

SMYRNA. Fruit very large, of lemon color. A delicious flavor and very tender when cooked. Being a strong grower and heavy bearer with heavy foliage, especially adapted to the interior valleys. One of the best keepers. 35 cts. each, $3.00 per 100.

WALNUTS

3 to 4 ft., 35 cts. each; 4 to 6 ft., 30 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.

PLACENTIA 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.

GRAFTED WALNUT TREES. $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 2½ to 2½ 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. CRANDALL'S EARLY. Ever-bearing, 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 in clusters and produce an abundance of fruit. Per doz. 75 cts., $4 per 100. LUCRETIA. Produces an abundance of large, glossy, black fruit, of excellent quality, earlier than the blackberry. Per doz. 75 cts., $4 per 100.

GOOSEBERRIES

DOWNING. Fruit of good size, light green, oval, skin smooth, of fine flavor. 15 cts. each, $1.50 per doz. HOUGHTON. A fine grower and a good bearer, pale red fruit, sweet and juicy. 15 cts. each, $1.50 per doz.

RASPBERRIES

RASPBERRY. Cuthbert, red. Berries very large, rich red, flavor good; a fine shipper. 50 cts. per doz., $3 per 100.

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 25 cts. each; large plants, $1.50 each.

LEMON. Fruit yellow, fine for jellies and preserves. 35 cts. each.

LOQUAT

The tree is ornamental, blooms in winter and bears fruit in spring of a rich sugary flavor; makes a splendid jelly. $1.50 each.

CURRANTS

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.

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.

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.
JUBILEE INCUBATORS

The Jubilee Incubators are radically different from all other Incubators. They are constructed on a different principle, with the same idea in view it is true, but a different method is followed to gain results. The Jubilees are made from infinitely better materials than any other machines, more materials are used, and the whole cost of construction is a great deal more than any other machine.

Its record is unapproached.—The Jubilee has proven its vast superiority in the hands of thousands of practical operators. It has replaced and is replacing incubators of every known make. Where the Jubilee is known the Jubilee is used. The reason why is very simple: By test it proves a vastly more practical machine, giving greater and more certain results.

PRICE LIST

If the chicks are placed in a Ward’s Fireless Brooder the animal heat of the chicks is utilized to the best possible advantage and the heat accumulators under which they are hovered, keep them in perfect condition, in a most natural manner. No lamps, hot water, steam, gasoline or any kind of artificial heat is used in this brooder; neither is the brooder house required to be heated. Our experience has taught us that chicks do best when kept in lots of 100 or less.

Ask for Ward’s pamphlet “for the chicks’ sake.”

A. P. WARD & SON’S FIRELESS BROODER

PRICE LIST

Model A Indoor Brooder, size 2 ft. 4-in. x 2 ft. 4 in., capacity 50 to 100 chicks up to six weeks old. 1 section $6.00
Model B Indoor Brooder, size 5 ft. 6 in. x 2 ft. 4 in., capacity 150 to 250 chicks up to six weeks old; 2 sections $12.00
Model D Indoor Brooder, size 11 ft. x 2 ft. 4 in., capacity 300 to 500 chicks up to six weeks old; 4 section $20.00
Model K 50 to 150 chicks, outdoor, $14; capacity, 100 chicks up to six weeks old $14.00
Model K Indoor Brooder, size 3 ft. 4 in. x 2 ft. 4 in., capacity 150 chicks up to six weeks old $7.50

Write or ask for special Jubilee Incubator and Brooder Catalogue.

216 Egg Jubilee Incubator

Weight 110 lbs.
Price $32.00
INTERNATIONAL STOCK FOOD

INTERNATIONAL POULTRY FOOD

INTERNATIONAL STOCK AND POULTRY REMEDIES
INTERNATIONAL ANTISEPTIC HEALING POWDER.
Is an invaluable remedy for use on all kinds of stock, in the healing of cuts, old sores, galls, horn, and especially in wounds of all kinds. Keeps the wound clean and healthy, and assists in effecting a rapid healing of the wounded parts. It is equally effective when used either as a wash or in powder form. This remedy is equally effective for man or beast. Price 25 cents.

INTERNATIONAL PHENO-CHLORO
The greatest known disinfectant, germicide, an antiseptic and insecticide. It prevents contagious diseases. Very cheap to use. One 50c will make thirty gallons ready for use. Red Bugs, and is especially recommended to keep flies down. It will cure Mange, Ringworm and Seab on stock; will destroy Maggots, Lice, Fleas, Horn Flies, Screw Worms, Cockroaches, stock. A reliable disinfectant and germicide is needed around every house if good health is desired. Many farms have poor drainage and especially need it for drains, cesspools, outdoor closets, etc. Complete directions for use on every can. Price, 25c, 50c and $1.

INTERNATIONAL ROUP CURE
Guaranteed to cure Roup if taken in time, and as a preventive is a great success. Don't wait until your chickens are all afflicted with Roup, but have a box of "International Roop Cure" on hand and use it occasionally in their drinking water, according to directions. Price, postpaid, 50c.

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 qt., 1 gal., and 5 gal. cans $1.

INTERNATIONAL SCALY LEG OINTMENT
Will positively eradicate all evidence of scaly leg in poultry, restoring their legs to their natural bright and smooth condition. Especially recommended for poultry for market or exhibition purposes. Price, 25c, postage 1c extra.

INTERNATIONAL BOWEL TROUBLE REMEDY
For arresting Diarrhoea in poultry and restoring to them their normal condition. Price, postpaid, 50c.

Write for free copy of the Special International Catalogue giving a complete treatise on Horses, Cattle, Hogs, Poultry and Sheep.

KOW KURE—The Remedy for Cows and Goats off their Feed

KOW CURE FOR COWS AND GOATS
Is a positive cure for Abortion, Barrenness, Scouring, Bunches in the Udder, Red Water and "off feed." Kow-Kure removes Retained Afterbirth, makes pure blood, corrects stomach disturbances, improves the appetite, and being a safe and powerful tonic, it makes a larger flow of richer milk. Price per pkg. 50c and $1.00.

BAG BALM FOR COWS AND GOATS
We recommend Bag Balm for all diseases of udders and teats: Caked Bag, Sore Teats, Bunches, Chapping, Cuts, Inflammation, etc. It makes easy milking of hard ones. Keeps all the parts in a sanitary, healthful condition. Price—50c. By mail, 12c extra.

GRANGE GARGET CURE FOR COWS AND GOATS
We recommend Grange Garget Cure for that peculiar 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, 50c.

AMERICAN HORSE TONIC
We recommend American Horse Tonic as a general improver for horses. Hundreds of users tell us that horses look better, feel better, act livelier, are full of snap and ginger when they are given it. Besides this, we recommend it as a Worm Expeller, for Lost Appetite, Rough Hair, Coughs, Indigestion of Lungs and Bowels, Stoppage of Water, Recent Founders, Dis-temper etc. Price, 50c a box. By mail 16c extra. Small box 25c; by mail 8c extra. Ask your dealer for Kow-Kure.

AMERICAN HORSE COMFORT
We recommend Horse Comfort for all Flesh Wounds, Wire Cuts, Galls and Sores of long standing, for Bicoc Jakson, Bad Flesh, Scabies, Mud Fever, for Snag Wounds, Sore Shoulders, Grease Heel, Malignant Ulcers, Fis-tula, Poll Evil, Corns in horse's, etc. We claim that Horse Comfort has won the right to the name—"The World's Best Horse Remedy." Price—25c and 50c per bottle. Small bottle by mail 11c extra; large bottle by mail 29c extra.

Send for free Kow booklet, "More Dairy Dollars and How to Get Them."

"NIT" FLY REMOVER, LICE KILLER AND DISINFECTANT
A liquid to be sprayed on the animal or in the poultry house. What every Dairyman, Farmer, Teamster, Breeder and Blacksmith should use. Removes Flies and Mosquitoes Instantly. Kills Ticks and Lice on Hogs, Horses, Cattle and in Poultry Houses. Acts as a disinfectant and promotes health. (It will cost you about one cent to cover ten cows, and about ten minutes to do the work.) Price, 1& gal., 50c.
CONKEY'S POULTRY REMEDIES

are known the world over as being the most scientific and reliable. They are not "cure-alls," but comprise a special remedy for each particular disease of the poultry yard, prepared after many years of actual experience and diligent research.

Each of these remedies are guaranteed to this extent: that should they fail to please the purchaser from any reason whatsoever, his money will be returned without a question.

SEND FOR
CONKEY'S FREE BOOK
ON
POULTRY DISEASES

CONKEY'S Roup Remedy is used wherever chickens are raised and is known as the most dependable remedy for Roup ever discovered, if given in anything like reasonable time. Prices, 50c and $1.00 postpaid.

CONKEY'S Laying Tonic.—To lay eggs regularly the fowl's health must be as nearly perfect as possible and the egg producing organs must be kept free from disease and irritation. CONKEY'S LAYING TONIC is a compound of vegetable extracts, herbs, roots, etc., so proportioned that they act gently on the fowl's internal organs, relieve and remove any irregularity that may exist and generally tone up the system.

Price 1 1/2 lbs. .......... $ .25
Price 3 1/2 lbs. .......... .50
Price 7 lbs. .............. 1.00
Price 25 lb. Fail .......... 3.00

CONKEY'S LICE POWDER
For successfully killing lice nothing can equal a powder which is properly made. CONKEY'S LICE POWDER is the result of our most careful study and research, and is a combination which will positively kill these pests, and yet which is harmless to fowls of all ages. We believe that it is the strongest and most effective powder on the market. It will kill lice on poultry, cattle and horses, ticks on sheep, fleas on dogs and vermin of all sorts. It will also kill bugs on cucumbers, squash and melon vines, slugs on rose bushes, etc. It is also a most effective disinfectant and germ destroyer.

CONKEY'S LICE POWDER is guaranteed to please you.
Prices: 5-oz. box, 10c, postpaid 15c.
15-oz. box, 25c, postpaid 40c.
40-oz. box, 50c, postpaid or express paid $1.00.
100-oz. box, $1.00, freight or express at customer's expense.
COULSON'S EGG FOOD

MADE IN PETALUMA, CALIFORNIA

"A BALANCED RATION FOR LAYING HENS AND GROWING FOWLS."
Builds up Bone and Muscle, but not a fattening food.

COULSON'S EGG FOOD is the result of much experimenting and study to produce a balanced ration, and is a highly nutritious and palatable food. It is a blending of different food materials in such proportions as to best furnish the elements necessary to fully nourish the body and promote egg production.

COULSON'S EGG FOOD is manufactured in Petaluma, Cal., where there are more chickens than in any other equal area in the world, and is the best and only successful balanced ration for Dry Hopper Feeding; is best when kept before the fowls dry in the hopper at all times. It may also be fed wet as a morning mash, whether for Chickens, Pullets, Hens, Cockerels, Capons, Ducks, Turkeys, or Geese, as it is made from the best selected grains. It is especially valuable as a food for breeding fowls and ducks. Price per sack of 90 lbs., $2.30. Ten prices on application.

COULSON'S IMPROVED MASH EGG FOOD is a highly concentrated food, containing a large percentage of protein and egg producing material. It is a calculated balanced ration due to the quality of meat meal, blood meal, bone meal, etc., which go toward making up its composition.

COULSON'S IMPROVED MASH EGG FOOD is recommended for feeding to the flock in a healthier condition; not only on account of the special ingredients in the feed for that purpose, and on account of the perfect balance of the ration, but also because their digestion is not overtaxed.

COULSON'S SPECIAL DRY CHICK FOOD

A Complete Scientifically-Compounded Food for Young Chicks.

COULSON'S SPECIAL DRY CHICK FEED contains the ingredients that are best adapted to give nourishment to the growing chicks. Sweet, tender seeds, cracked grains, blown free from dust, cut out meal, tiny pieces of cooked and dried meat, fine particles of fresh cut bone, charcoal, burnt bone, etc. Price, 100 lbs., $3.50.

COULSON'S GROWING CHICK FEED

A Properly-Proportioned Ration for Promoting Quick Growth.

COULSON'S GROWING CHICK FOOD is a balanced ration of cracked grains, seeds, mill feeds, meat and bone meal, carefully mixed according to a formula which has been compiled only after many experiments.

It contains everything that a young chick requires up to three months old, and can be fed either from the commencement, or to gradually supersede COULSON'S SPECIAL DRY CHICK FOOD, say four to six weeks old.

It can be fed until the chickens are three months old, when you can commence feeding COULSON'S EGG FOOD.

COULSON'S GROWING CHICK FOOD, 90 lb. sack, $2.75.

COULSON'S ANTI-FIGHT

Coulson's Anti-Fight will prevent little chicks from picking one another. Apply the mixture to the spot where the chicks pick. The chick that picks at it again will get an overtaxed and will not want another. The mixture is also very healing to the sores and its peculiar taste will soon stop the chicks from picking. Price, 35c per jar.

COULSON'S CHOLERA CURE

CURE in the drinking water. Feed all the flocks lightly, giving a little No. 3 Condition Powder in the mash. Price, 25c per bottle.

COULSON'S CRESOLENE

is a powerful disinfectant, insecticide and germicide, capable of dilution up to 1 part to 100 parts water, with which it forms a perfect emulsion. It is non-poisonous and non-corrosive, preventing as well as curing numerous diseases. Price, 1 qt. can, 50c, ½ gal., 65c, 1 gal., $1.25.

COULSON'S ROUP CURE. For external and internal use. This is a reliable remedy for Roup, Canker or Colds. It is simply put in the drinking water, and the fowls take their medicine. Price, 4-oz. bottle, 25c; 12-oz. bottle, 50c.

COULSON'S NO. 3 CONDITION POWDERS is not claimed to be a cure-all by any means. It does contain, however, the very best articles to be found in the world for treating the digestive and reproductive organs of the fowl, enabling them to digest and assimilate a much greater percentage of their food than otherwise.

USE IT ONCE or twice a week in the regular feed, and you will keep your fowl in the very pink of condition, enabling them to lay all the eggs they are capable of. 2½ lb. pkg., 25c, 10 lb. pkg., $1.25.

Ask for Coulson's Booklet, "The Right Way."
DARLING'S HIGH PROTEIN BEEF SCRAPs

After years of use Darling's Beef Scrap is acknowledged by all poultrymen to be the highest grade animal food on the market, and the fact that there are more used than all other brands of Beef Scrap combined is sufficient proof that they are the best. We accordingly claim that the High Protein Beef Scrap have the feeding value of 200 pounds of any other scraps. Manufactured only by Darling & Co., who have a special process of making the water and fat, leaving only the best of meat in a concentrated form, which will keep in any climate. Price, 50 lbs., $7.90; 100 lbs., $3.75.

For analysis, see Bulletin No. 164, Agricultural Experiment College, Berkeley, Cal.

DARLING’S CHICK FEED

Darling’s Beef Meal for Poultry, Price 100 lb. sack $3.

Seeds, meat, products, etc., as the experience of hundreds of successful poultry raisers have found necessary for the proper development, etc., of chicks. Price per lb., 50 lbs., $1.75; 100 lbs., $3.50.

Darling's Beef Meal for Poultry. Price 100 lb. sack $3.

Darling's Concentrated Meal for Poultry. Price 100 lb. sack $3.25.

PREMIUM SCRATCH FOOD

Premium Scratch Food is an ideal grain mixture. It contains a variety of grains, bone, meat, charcoal, etc.; if fed in straw, leaves or other litter, it will not only give the proper variety necessary to the hens, but will make them exercise, keep them healthy and insure plenty of eggs. Price per 100 lbs., $2.60.

California Calfalfa Meal

Green Food can be had every day of the year for your Horses, Cattle, Hogs, Poultry, Goats, Sheep, etc. In fact, any Animal. If you use CALFALFA MEAL, CALFALFA MEAL is properly ground and will save one-third your feed bill; is especially adapted for milk Cows, will increase the flow of milk and will make a better quality of milk, butter, cheese, etc. Also unexcelled for Poultry, to be fed with the soft feed. Ask for SPECIAL PAMPHLET which gives special directions for feeding CALFALFA MEAL to all Fowls and Animals. Price per sack 100 lbs., $1.65.

Chamberlain’s Perfect Chick Feed

Chamberlain’s Perfect Chick Feed. This celebrated food was introduced by us several years ago, from St. Louis. Our sales last season were six times greater than the first year, which will give you some idea of the popularity it has attained.

Eastern Willow Charcoal. The grade we are offering is the best obtainable, and must not be compared with that made for fuel purposes. We carry in stock three sizes, namely, coarse, medium fine and pulverized. Prices: 3 lbs. 25c; 25 lbs. $1.00; 50 lbs. $1.75; 100 lbs. $3.50.

GERMAINE’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 handle is especially prepared by a process which eliminates disease germs and other undesirable elements. The pure blood meal is the best on the market and received special mention from the United States Experiment Station at Berkeley, Cal. Bulletin No. 164 on account of its 6.4 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. 50c; 50 lbs. $1.50; 100 lbs. $3.50.
GERMAIN'S PREMIUM PIGEON FOOD
Fed and Indorsed by J. A. Cox, President Southwestern Pigeon and Fantam Club. Premium Pigeon Food is a complete food for pigeons. Contains everything necessary to promote their growth and health, such as Canadian Peas, Buckwheat, Vetches, Hemp seed, Red wheat, Kaffir Corn, Millet and a number of other sound grains, all of which can be fed to the young with the best results. Price per 50 lbs. $1.60; 100 lbs. $3.00.

STAR BRAND BEEF SCRAP
50 lbs., $1.85; 100 lbs., $5.50. Special price on large quantities. Ask for sample. Flax Seed Meal. Made from pure ground flax seed. Price, 10c per lb.; 10 lbs., 70c; 100 lbs., price on application.

Oil Cake Meal. An excellent food for cattle of all kinds. Sold in lump or in meal. Price, per 100 lb. sack, $3.60. Subject to change.

Crushed Oyster Shells. Made from clean, bright shells, and as oysters contain 98 per cent. of pure bicarbonate of lime, are probably the best producer of egg shells on the market. Price per 100 lbs., $1.50; 1 lb., 2c.

Claw Shell. Made from clean, fresh shells crushed to suitable size. Price per 100 lbs. $1.00; 1 lb., 1½c.

Canadian Field Peas. The finest kind of peas, and no one raising pigeons should be without some. Price, 5c per lb.; 10 lbs., 50c; 100 lbs., price on application.

Swiss Chard Seed. The tops make an excellent green food for chickens. Price, 10c per oz.; per lb., 50c.

Mica Crystal Grit. A good, hard grit suitable for all kinds of poultry. Price, 100 lbs., $1.00; 1 lb., 1½c. Special prices on quantities.

Germain's Marble Grit. Its chemical analysis shows a proportion of over 99 per cent. of soluble lime, which is rapidly transformed into the greater part of egg-shells. It is bright white, readily attracts the attention of the birds. Price, 100 lbs., $1.25; 1 lb., 1½c. Special prices by the ton or carload.

We also stock and are prepared to furnish best grades of the following at lowest prices, consistent with good quality. Prices subject to market fluctuations will be quoted on application:

- Leaded Meal, Wheat, Steel Cut Oats, Egyptian and Kaffir Corn, Cracked Corn, Whole Yellow Corn, Feed Meal, Bran, Rolled Oats.

Foods and Specialties for Cats, Dogs, Canary Birds, Parrots, Mocking Birds and Fish of all Kinds, Etc.

BIRD SEED
If required by mail 10c per lb. must be added to prepaid postage. Per lb. 3 lb.

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Price per lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixed Bird Seed</td>
<td>10c</td>
</tr>
<tr>
<td>Mixed Canary and Rape</td>
<td>10c</td>
</tr>
<tr>
<td>Canary Turkish</td>
<td>10c</td>
</tr>
<tr>
<td>Hemp</td>
<td>10c</td>
</tr>
<tr>
<td>Millet, Italian</td>
<td>10c</td>
</tr>
<tr>
<td>Pearl (Blue Poppy)</td>
<td>20c</td>
</tr>
<tr>
<td>Lettuce Seed, for birds</td>
<td>25c</td>
</tr>
<tr>
<td>Cuttle Fish Bone</td>
<td>30c</td>
</tr>
<tr>
<td>Millet, White French</td>
<td>40c</td>
</tr>
<tr>
<td>Sunflower, Russian</td>
<td>10c</td>
</tr>
</tbody>
</table>

Bird Manna keeps cage birds in constant song, improves their plumage and prevents disease. Price, 15c per tube.

Spratt's Song Restorer (Dural's). A treat and tonic for Canaries, Finches, and all seed eating birds. Price, 20c. By mail, 25c.

Spratt's Bird Life Destroyer (Henning's). For dusting the feathers. Price, 25c. By mail, 30c.

Spratt's Parrot Food. A mixed food for parrots which should be kept before them all the time. Price in cartons, 10c each.

Lyon Brand Bird Gravel
Lyon Brand Silver Washed Bird Gravel is especially prepared for cage birds. To properly care for the bird, clean the cage and sprinkle the bottom with this gravel once a day. Price per pkg., 10c; 3 pkgs., 25c.

McAllister's Mocking Bird Food. The purest food obtainable for Mocking birds, Robins, Nightingales, Thrushes, Blackbirds, Skylarks, and other soft billed birds. Price per jar, 35c.

GOLD FISH AND BOWLS
We do not send any Fish C. O. D. Kindly send cash with order.

We carry a large stock of these beautiful Fish and the glass bowls suitable for keeping.

American Fish, 25c to 50c each.

Japanese Fish, 35c, 60c, $1.00 and up.

Prices subject to change.

Glass Bowls—Made of clean glass in following sizes: 8 in., 75c; 9 in., 85c; 10 in., $1.25; 11 in., $1.50; 12 in., $1.75.

Fish Food—Specially prepared, will not sour or spoil in water. 10c per pkg., 3 pkgs. for 25c.

CLAYTON'S CELEBRATED DOG REMEDIES
Users of Dog Remedies are Using Clayton's Remedies

<table>
<thead>
<tr>
<th>Condition Pills</th>
<th>50c Canker Lotion</th>
<th>50c</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diarrhoea Cure</td>
<td>50c Fist Cure</td>
<td>50c</td>
</tr>
<tr>
<td>Blood Pills</td>
<td>50c Sulphur Tablets</td>
<td>50c</td>
</tr>
<tr>
<td>Laxative Pills</td>
<td>50c Ceoline Soap</td>
<td>10c</td>
</tr>
<tr>
<td>Eye Lotion</td>
<td>50c Puppy Tonic</td>
<td>50c</td>
</tr>
<tr>
<td>Tapeworm Expeller</td>
<td>50c Distemperine</td>
<td>50c</td>
</tr>
<tr>
<td>Rheumatic Tablets</td>
<td>50c Shampoo</td>
<td>25c</td>
</tr>
<tr>
<td>Coleine Dog Wash</td>
<td>50c Digestive Tablets</td>
<td>50c</td>
</tr>
<tr>
<td>Hair Tonic</td>
<td>50c Vermituge</td>
<td>50c</td>
</tr>
<tr>
<td>Mange Cure</td>
<td>50c Cough Cure</td>
<td>50c</td>
</tr>
<tr>
<td>Worm Pills</td>
<td>50c Goutre Cure e</td>
<td>$1.00</td>
</tr>
<tr>
<td>Chorea Cure</td>
<td>50c Dog Soap</td>
<td>20c</td>
</tr>
</tbody>
</table>

Japanese Fantail Gold Fish

CLAYTON'S DOG REMEDIES
BOOK ON DOG DISEASES AND HOW TO FEED FREE
**TOOLS AND IMPLEMENTS**

Mann's Green Bone Cutters. Will cut fresh bones with meat and gristle attached. Green bone when cut and fed to poultry will double the number of eggs; will make little chicks grow faster; will mature broilers earlier; will stop egg eating, and feather-pulling and increase the fertility of the eggs.

The Mann Bone Cutter is down to date in every detail embracing a dozen radical improvements, which have increased its efficiency by one hundred per cent. Among the most important improvements are the enlarged table, open hopper, and new device to control feed, enabling the operator to set it to the strength desired by turning a small thumb screw. Will slice vegetables the same as bone.

Ask for Mann's special catalog on Green Bone and Vegetable cutters and Clover cutters.

**Extra Knives for Mann's Bone Cutters, 35c each:**
- Set of 6 Knives, $2.00.

**Mann's Clover Cutter.** Made entirely of iron and steel so that even a child can operate. Will cut bone, wood or anything else.

**MANN'S CAST-IRON MOTOR.**
- Designed expressly for grinding glass, crockery, oyster shells, etc. for poultry. Grit for poultry must be coarse to be of any value. Weight, 35 lbs.; height 12 inches, 9 inches square; pestle, 4 feet long. Price, $4.00.

**MANN'S CAST-IRON MILL.**
- Designed expressly for grinding glass. Grit must be coarse to be of any value.

**This Mill is not intended for Grinding "Green Bones."** "Green Bones" can only be shaved, not ground.

**MANN'S CLOVER CUTTER**
- Made entirely of iron and steel so that even a child can operate. Will cut bone, wood or anything else.

**NEW MODEL BONE CUTTER NO. 7.**
- Mann's Clover Cutter

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**Poultry Supplies**

**Clayton's**

**Cat and Dog Remedies**

These remedies are being used by the leading fanciers everywhere.

**SPRATT'S MEAT FIBRINE VEGETABLE DOG CAKES.**
- The standard feeding food throughout the world. A staple and constant food for all breeds of dogs. Price per 3 lb. package, 25c; 25 lb. bag, $2.00; 100 lb. bag, $7.50.

**SPRATT'S PUPPY BISCUITS.**
- The standard puppy food for puppies of all breeds. A perfect food for the first few months of life. Price: Package, 25c; 1 doz. pkgs., $2.75.

**SPRATT'S MEAT FIBRINE TERRIER CAKES.**
- Specially prepared for terriers and other active dogs. Eaten with avidity they are easily digested, make bone and muscle, and not fat, thus insuring the true terrier qualities of energy and action. Price per package, 25c.

**Cat and Dog Combs.** Best nickel-plated steel combs (imported).
- These combs are especially valuable for catching fleas on long or short haired cats and dogs. The coarse and medium are used for grooming. Price 60c each, postpaid. Double edge, 75c postpaid.

**Catnip Ball.** Its object is to afford amusement and benefit the health of cats. In endeavoring to get the catnip, it induces them to exercise. If the cat plays with it violently, it is saying as plainly as though it could talk, that it desires CATNIP. If you value Kitty's health, give it some. Price, 10c each.

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**CLAYTON'S CAT REMEDIES**


- Mange Cure
- Tonic Catnip
- Laxative Tablets
- Vermifuge
- Fit Cure
- Mouth Wash
- Distrumper Tablets
- Blood Tablets
- Worm Tablets
- Canker Lotion
- Couch Cure
- Cat Wash
- Distemperine Tablets
- Digestive Tablets
- Tapeworm Expeller
- Eye Lotion
- Diarrhoea Cure
- Cat Soap
- $0.05 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each
- $0.50 each

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**Enterprise Bone and Shell Mill**

Black and Buff Orpingtons bred by C. A. Latham, 807 E 23d St., Los Angeles, Cal.
TOOLS AND IMPLEMENTS (Continued)

LIST OF MANN'S GREEN BONE AND VEGETABLE CUTTERS.

No. 5 Balance wheel, closed hopper; 60 lbs. .......... $9.50
No. 7 Balance wheel, open hopper. 107 lbs. .............. 15.00
No. 7½ Same as No. 7 with open power attachment; 150 lbs. 10.00

Silvery Clover Cutter—A practical, inexpensive machine for poultry raisers. Especially designed for cutting clover, alfalfa, etc., for feeding poultry. This machine has four 8-in. solid center spiral knives and cuts 7½ in. in length. Will cut a bushel of clover easy in ten minutes. Price, $5.00.

Wilson's Patent Grinding Mill—The No. 1 Hand Bone, Shell and Corn Mill for poultrymen. This mill will grind dry bones, shells, all kinds of grain, gravel, stones, old crockery, etc.

We also furnish a sieve attachment to this mill to take out the dust when crushing shells; and also, in cracking corn, to take out the fine meal. Price. 60c. extra. Weight without stand, 38 lbs. Price. $5.00. Weight with stand, 64 lbs. Price, $7.00.

Perfection Alfalfa Cutter—This machine will cut hay, grass, clover, cabbage leaves, and in fact any kind of green feed for fowls. Size 16 inches long by 1 1/2 inches wide; weight 7 pounds. Price, $3.50.

Black Hawk Grist Mill

Schild's Lightning Lice Killing Machine—The original and only satisfactory machine of its kind. Put a handful of Schild's Insect Powder in the cylinder with 4 to 8 old fowls, or 30 to 40 chicks, and turn the crank half a dozen times. By doing this, the powder is thrown all through the feathers, and all the lice are killed. Does not hurt the fowls or break the feathers. Two sizes of machines are manufactured. No. 1 is for pigeons, cage birds, chicks and single hens; price, $3.00. ENG. 2 for 4 large fowls or 50 to 60 chicks; price $4.00. Schild's Lightning Lice Killing Powder 1/2 lb. can 40c; 1 lb. can 55c.

“TENNESSEE” GRINDING MILL.

Tennessee Grinding Mill. (For grain only). A cheap and handy grinding mill. It can be readily taken apart for cleaning or oiling, without the use of tools. Easily adjusted for fine or coarse grinding. If you live in the country you can always have fresh Graham flour meal as well as Corn meal for the table. Weight 15 lbs. Price, $2.75.
POULTRY GERMAIN'S SUPPLIES

THE "ACME" LEVER POULTRY MARKER.
The spring lever arrangement enables one to use this punch with perfect ease, holding the chick in one hand and working punch with other. Is light and very durable.
Price, 25c, postpaid.

CYPHERS PERFECT MARKER.
This punch is so simple in construction that it will appeal to as practical a tool. Cyphers perfect marker is made especially for the work of marking chicks. It makes a good, clean cut, and does not mutilate the web, as do many cheaper punches. These punches are made expressly for us, and we guarantee them to meet all requirements. Price, each, 50c.

ALUMINUM PIGEON BANDS, SEAMLESS.
Made from aluminum tubing. Are put on safety when birds are young. Are very light. Price, 12 for 25c, 25 for 50c, 100 for $1.25.

ROUND ALUMINUM LEG BANDS.
Made of wire aluminum, flattened where the number is placed.
Samples free for the asking. Made in 3 sizes: No. 1, large; No. 2, medium; No. 3, small. Price, 12 for 25c, 25 for 40c, 50 for 75c, 100 for $1.25, postpaid.

POULTRY FOODS,

Pratt's Poultry Food. A poultry regulator absolutely pure; quickens the growth of young chicks, prevents and cures all poultry diseases. Makes hens lay more eggs. 5 oz., 60c.
Pratt's Animal Regulator. 25c, 50c, 75c.
Flood's Roup Cure. Guaranteed. For external and internal use. A reliable remedy for Roup, Canker or Colds. Prices, 50c and $1.00 per tube, postpaid.
KILL Roup. This Roup Cure is put up in the form of a salve, guaranteed to cure all cases of Roup. Price, 25c and 50c and $1.00.

Acme Roup. The Acme Roup Cure, when placed in the drinking water enables the system of the fowl to resist at all times the attacks of Roup. 50c pkg.

International Roup Cure. A guaranteed preventive and cure for Roup. The presence of Roup is indicated by a watery discharge from the eyes or nostrils of the fowl. The International Roup Cure is a remedy especially made for the prevention and cure of this dis容易菌. We highly recommend International Roup Cure. It will save your fowls and make them profitable. Price per tube, 50c, postpaid; 6 tubes, $1.00, postpaid.

Death to Lice. Special. A preparation containing all the qualities of the famous "Death to Lice Powder," but which is soluble in kerosene oil and can be used to paint or spray roosts and interiors of poultry houses; 4-oz. box, 10c; if by mail, 15c; 1-lb. box, 25c, if by mail, 40c.

(Pulex) Death to the Flea. Pulex is an insect powder manufactured especially to kill the flea on man, fowl or beast. It is harmless, will not soil the clothes or linen. Price per can, 25c and 50c. Per doz. cans, $2.50.

These rings are made of spring brass and so bent that the tag 57 may be slipped over the tag. Tags are aluminum. Mention size wanted ordering. Price, 12 for 20c, 25 for 35c, 50 for 60c, 100 for $1, postpaid.

Leg Bands
The Improved "Stay-On" Champion Leg Band Made of pliable aluminum, which can be adjusted to fit any size of leg. Three-inch size available for all ordinary breeds; 4-inch size for extra large and turkeys. All newly numbered. 15c for 30c, 25 for 50c, 50 for 75c, 100 for 80c, postpaid.

Pigeon Bands
Made from flat aluminum. Price, 12 for 15c, 25 for 30c, 50 for 50c, 100 for 80c.

Use the improved Champion Leg Band

REMEDIES, ETC.

Lambert's Death to Lice. There is nothing in "Death to Lice Powder" that will injure a setting hen, the eggs or the little chicks, even should they hatch in it. Its effect is immediate. It can be sprinkled in the chicken coops and around the roosts.

Death to Lice. 5-oz. box, 10c; if by mail, 15c; 12-oz. box, 25c; 1 lb. by mail, 40c; 3-lb. pkg., 50c; by mail, $1.00; 100-oz. pkg., $1.00.

Lambert's Head Lice Oilment. For head lice on chicken, to be used on the head and throat of the chick. Price, postpaid, 1-oz. box, 10c; 3-oz. box, 25c.

Sulphur Candles. The most convenient method of fumigating poultry houses and living rooms. Price, 10c each; $1.00 per doz.

FEED DARLING'S High Protein Beef Scraps

100 lbs. equals 200 lbs. of any other make in feeding values.
Opal Nest Eggs. Very useful and necessary; saves keeping fresh eggs in the nest. Price per doz., 30c. One doz. by mail, postpaid, 50c.

Quotations submitted on request by the gross, packed in neat box, or by the barrel.

Weaver's Hatching Nest Eggs. These nest eggs are not only a lice and mite destroyer, but a germicide as well, and kill the germs that so often cause disease. Price 5c each, 50c per doz.

Golden Gate Egg Shipping Boxes. Made for shipping eggs for hatching, and are very substantial. Prices, 15-egg size, 15c each, $1.50 per doz.; 30-egg size, 30c each; 50-egg size, 45c each; 100-egg size, 75c each.

The Ideal Egg Carton. Made of heavy tag; holds one dozen eggs; very rigid and compact. Price, per dozen, 25c postpaid, 10c., $1.25.

Jubilee High Grade Tested Thermometers. The best incubator or brooder manufactured is worthless unless the thermometer used therein is accurate. We offer no thermometers that have not aged at least two years. Price, postpaid, 75c.

Brooder Thermometers. None but well-seasoned tubes are used in our Brooder Thermometers. Price, postpaid, metal back, 35c; wood back, 25c.

Triangular Metal Back Thermometers, with certificate. Absolutely correct temperatures in incubation means profit and satisfaction. The degrees are printed on the tubes, as well as engraved on the metal. Price, $1.50.

Cypher's Half Round Brooder Thermometer is mounted on a long wooden stem to drop in the brooder from a round hole cut in the top with a portion of the Thermometer above the brooder, so the temperature can be seen from the outside. Price, postpaid, 50c.

Wire Hens' Nest. Price, 15c each, $1.50 per doz.

Caponizing Sets. Poultrymen can double their profits by caponizing their chickens. The operation is very simple. The demand for capons far exceeds the supply, the price per pound being twice as much as for ordinary chickens. Price, Pilling's Caponizing Set, with instructions, $2.50; in velveteen-lined case, as shown in illustration, $2.75. "Complete Guide for Caponizing," an interesting book that all poultrymen should have, sent free with each set.

Farmer's Patent Caponizing Set. All in velveteen-lined case. Price by mail, postpaid, $3.00. Price complete, in paper box, $2.50.

Philadelphia Gape Worm Extractor—Postpaid, 25c.

French Poultry Killing Knife. Every poultry raiser should have one of these killing knives. To possess one will be one of the best investments you ever made. Price, 50c each, postpaid.

Hallock Food and Water Holders. These holders are made in 1-gallon and 2-gallon sizes, and are recommended for both food and water dishes. The tops and bottom are separable by placing the palm of the hand on top of the upright post, then pressing downward, causing the wires to spread and thus easily releasing the pan. The wires prevent the ducks or fowls from getting into the food or water and soiling it. A saving of 15 to 25 per cent may be counted on in the soft food with these holders. Price, 1-gallon size, $1.00; 2-gallon size, $2.25.

Pilling's Roup Syringe. For administering liquid roup remedies. Price, with full instructions for using, 10c each, postpaid.

The Philadelphia Poultry Marker. Over 200 different marks can be made by punching the web between the toes. It is well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Price, 25c each, postpaid.

CYPHER'S LICE-PROOF PERCH SUPPORT

This device has been placed upon the market to satisfy the demand for a perch support sufficiently strong to bear the weight to which it is subjected. These supports are manufactured of castiron and should last a lifetime. They are cheap, easily put up, and if once used will always be used. Attach to the wall with screws. The oil cup is covered with a cap to prevent accumulation of waste oil. The cup contains Conkey's Lice Liquid. It is then impossible for lice to pass from the walls of hutching to the roosts, or from the roosts to the building.

Prices: Per pair, 40c; per dozen, single hangers (six pairs), $1.50.

"Tyco" Hygrometer. The handling of moisture in incubators has been entirely guesswork, there being no absolute method of ascertaining the amount in the egg chamber. Therefore, moisture was supplied when it should not have been, and not supplied when it should. With the use of the "Tyco" Hygrometer the correct amount of moisture can be attained in the incubator. Every incubator operator should use one, no matter what make of machine he is using. Price, $2.50, postpaid.
Sanitary Fountains. (Stone). These fountains, when in use, are filled to the top. They have a glazed surface: 1-quart, 25c; 2-quart, 35c; 1-gallon, 45c; 2-gallon, 60c.

Sanitary Grit and Shell Box. Manufactured from the best galvanized iron. Contains three compartments, each holding two quarts. Can be hung up against the wall at any height desired. Will last a lifetime. Price, 75c each. $7.50 per doz.

Automatic Feed Box. Made of heavy galvanized iron. Two compartments—one for grain and one for beef scraps. Its capacity is twice that of the "Grit-box." Price, $1.00 each, $10.00 per doz.

Germain's Dry Feed Hoppers. These hoppers are constructed especially for feeding Dry Feed, such as Coulson's Egg Food. Made of heavy galvanized iron, strong and durable; height 16 in., width, 12 in. Being wider at top than at bottom it allows the feed to drop down as it is consumed by the birds. Price, single, $1.00; double, $1.50. Special price on large quantities.

**PERIODS OF INCUBATION.**

<table>
<thead>
<tr>
<th>Chickens</th>
<th>Turkeys</th>
<th>Pekin Ducks</th>
<th>Muscovy Ducks</th>
<th>Most other Ducks</th>
<th>Quail</th>
<th>Pheasants</th>
<th>Pea Fowl</th>
<th>Pigeon</th>
<th>Ostrich</th>
<th>Geese</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>28</td>
<td>26</td>
<td>35</td>
<td>28</td>
<td>28</td>
<td>24</td>
<td>28</td>
<td>28</td>
<td>40</td>
<td>35</td>
</tr>
</tbody>
</table>

**Perfect Drinking Fountains.** Made of heavy galvanized iron. Easily cleaned. Poultry cannot get on top of it; nor turn them over. Prices: 1 quart, 25c; 2 quarts, 35c; No. 1, 3 1/2 gallons, 60c. Special discount on large quantities.

Jubilee Incubator Egg Tester. For testing eggs for hatching; fits any ordinary size house lamp or the lamp furnished with the Jubilee Incubator. Price, 25c each.

**X-Ray Egg Testers.** Our X-Ray Egg Tester for rapidly and accurately testing market eggs has no superior. Price, $1.00.

Chick Feeder. This trough is made of heavy galvanized iron; easily cleaned; edges all rounded. Size: 12 inches long by 2 inches wide, and 1 1/2 inches high; weight, 1/2 pound. Price, 25c.

24-in. single chick feeder, each 50c.
24-in. double chick feeder, each 60c.
Jubilee Egg Tester 12-in. double chick feeder, each 80c.

**PITTSBURG PERFECT POULTRY AND STOCK FENCE.** The Pittsburg Perfect Poultry and Stock fence fills every requirement of a poultry fence, and is as strong and close enough to keep in small animals. Also suitable for Cattle, Horses, Hogs or Dogs, top and bottom wires No. 11; all other wires No. 14; firmly electrically soldered together at all cross wires. Price 58-in. high, $6.00; 52-in. high, $6.00; 48-in. high, $5.50; 44-in. high, $5.00. Each roll contains 10 rods or 185 linear feet. Netting staples per lb. 10c—10 lbs., 75c.

**Wire Fencing for Poultry Yards.**

**Union Lock Poultry Fence.** A neat, substantial fence for poultry yards. Has no equal where the ground is uneven. Union Lock is put up in 10-rod rolls, 2, 4, 5 and 6 foot widths. Prices, 3 ft., $4.15; 4 ft., $5.00; 5 ft., $5.95; 6 ft., $6.50.

**Silver Finish Netting,** put up in rolls 150 ft. long and varies in width from 1 to 6 ft. Price per roll f. o. b. Los Angeles:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$ .85 per roll</td>
</tr>
<tr>
<td>1 1/2 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$1.30 per roll</td>
</tr>
<tr>
<td>2 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$1.65 per roll</td>
</tr>
<tr>
<td>3 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$2.50 per roll</td>
</tr>
<tr>
<td>4 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$3.50 per roll</td>
</tr>
<tr>
<td>5 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$4.15 per roll</td>
</tr>
<tr>
<td>6 ft. high, 2 in. mesh, 150 ft. long</td>
<td>$4.95 per roll</td>
</tr>
<tr>
<td>1 ft. high, 1 in. mesh, 150 ft. long</td>
<td>$1.25 per roll</td>
</tr>
<tr>
<td>1 1/2 ft. high, 1 in. mesh, 150 ft. long</td>
<td>$2.50 per roll</td>
</tr>
<tr>
<td>2 ft. high, 1 in. mesh, 150 ft. long</td>
<td>$3.85 per roll</td>
</tr>
<tr>
<td>3 ft. high, 1 in. mesh, 150 ft. long</td>
<td>$5.80 per roll</td>
</tr>
</tbody>
</table>

**M. M. S. Poultry Fencing**

**M. M. S. Poultry Fencing,** put up in rolls 165 ft., or 10 rods long. Price, per roll, f. o. b. Los Angeles:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ft. high, 165 ft. long</td>
<td>$4.75 per roll</td>
</tr>
<tr>
<td>4 ft. high, 165 ft. long</td>
<td>$4.95 per roll</td>
</tr>
<tr>
<td>5 ft. high, 165 ft. long</td>
<td>$5.50 per roll</td>
</tr>
<tr>
<td>6 ft. high, 165 ft. long</td>
<td>$6.00 per roll</td>
</tr>
</tbody>
</table>

Wire Staples .................................. 10c per lb

Prices subject to market changes.

Golden Sebright Bantams, bred by
M. E. Dillingham, San Gabriel, Cal.,
Vice-president No. Western Pigeon
and Bantam Club

Silver Finish Netting

Wire Fencing for Poultry Yards

Union Lock Poultry Fence

M. M. S. Poultry Fencing

M. M. S. Poultry Fencing, put up in rolls 165 ft., or 10 rods long. Price, per roll, f. o. b. Los Angeles:

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ft. high, 165 ft. long</td>
<td>$4.75 per roll</td>
</tr>
<tr>
<td>4 ft. high, 165 ft. long</td>
<td>$4.95 per roll</td>
</tr>
<tr>
<td>5 ft. high, 165 ft. long</td>
<td>$5.50 per roll</td>
</tr>
<tr>
<td>6 ft. high, 165 ft. long</td>
<td>$6.00 per roll</td>
</tr>
</tbody>
</table>

Wire Staples .................................. 10c per lb

Prices subject to market changes.
SPRAY PUMPS, NOZZLES AND APPLIANCES

The Prize Spray Pump is all that the name implies. Every part of the "Prize" pump is brass, with the exception of the handle and foot rest which are of malleable iron. It is regularly provided with the "Bordeaux" nozzle. The foot rest measures 12 inches in height. The many testimonials received from purchasers of this pump are evidence of our success. Will spray white wash or any other mixture. No rubber valves, which throw a continuous stream. Packed in neat strawboard boxes. Price, $5.

The Captain Barrel Sprayer. The "Captain" is in the front rank of all sprayers of its class. It is a medium-price outfit for the every-day farmer, fruit grower, and gardener.

The pump is made in one size with 1%-inch Brass Tube Cylinder, Brass Ball Valves and Valve Seats, and Brass Plug for with improved packing. The Air Chamber is ample in capacity, and is made of 2%-inch boiler tubing. The discharge connection is fitted for ½-inch hose.

The "Captain" Sprayer has an improved adjustable clamp for attaching rigidly to the inside of barrel. The agitator is simple in construction and very efficient. Captain Sprayer winnows 192%-foot section of ½-in. hose, couplings, pole holder and Bordeaux nozzle. Price, $11.00.

The Samson Double-Acting Sprayer, 125 to 150 lbs. pressure for barrel or tank. The "Samson," Fig. 633, is a powerful pump. For a nozzle that will outlast any other, No. 327 is recommended. Each tree which is to be sprayed and where a heavy pressure is desired.

The pump has an extremely large air chamber (18 gallons capacity) allowing the operator to pump and rest alternately. The cylinder is brass-lined and all other working parts including the ball values and seats are brass. All parts are accessible and the air chamber can be readily taken apart. There are no stuffing boxes in this pump. Complete with twenty-five feet of ½-inch hose, with couplings, pole holder, double spraying attachment and Bordeaux nozzles. Price, $45.00.

The Perfect Success Spray Pump. In general construction the "Perfect Success," is the same as the Prize spray pump, but it has a special adjustable foot rest which clamps the pump firmly together, so that the entire outfit may be carried in one hand. Four feet of ½-inch hose and our "Bordeaux" nozzle are furnished.

Ask for Deming's special spray pump catalogue.

Myers Bucket Brass Spray Pump. Constructed of brass, a metal that will not affect the formulas for spraying. Has brass ball valves, easy to operate, and gives extraordinary power. It will throw a solid stream 25 feet. No. 324, shown in cut, is supplied with Myers Sprinkler Nozzle and a "Bordeaux" Nozzle for whitewashing, also foot rest and lever handle. Price, $4.25. No. 325 is supplied with same nozzle as No. 324. Price, $3.50. No. 327 is supplied with an Improved Sprinkler and Myers Sprinkler Nozzle. Price, $3. Eight foot extension rods for Myers pumps 56 each. Bordeaux Nozzles for whitewashing. Price, $1.00.

The Myers Double Acting Barrel Spray Pump

Myers Barrel Spray Pumps have Brass Cylinders, Brass Valves and Brass Valve Seats.

The Myers Barrel Spray Pump is very powerful and easy to operate: will throw an even, mist-like spray over any fruit tree, and will throw a solid stream 40 feet from the point of the nozzle. With the proper hose and pipe extension these pumps are adapted for use in vineyards, gardens or orchards, for the extermination of any kind of insects that are injurious either to the fruit trees, vines or foliage. Price, $10.00 with 8 feet of hose and Bordeaux nozzle.

The Myers O. K. Spray Pump is a very large barrel sprayer, suitable for all kinds of spraying; has mechanical agitator, Brass Fiore, ground bevel valve and seat, also 25 feet of ½-inch hose and place for two hose attachments. Price, $14.00 with Vermorel or Bordeaux nozzle.

"Ask for Myers Special Spray Pump Catalogue."
AGRICULTURAL AND HORTICULTURAL REQUISITES

REMEDIES FOR INSECTS AND FUNGUS ON PLANTS

**Bulach** (or Persian Insect Powder). One of the most effective powders for killing all kinds of insects; not poisonous to everything except bugs; owing to its fineness it penetrates the breathing pores and causes instant suffocation. 10c 1 oz; 25c ½ lb.; 50c lb.

**Tobacco**. 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.

**Kerosene Emulsion** (Lion Brand). Very effective for destroying all plant lice, scales and cuticular insects that affect the foliage. Full directions with each can. Per quart, 50 cts.

**California Wash**. A specific remedy for San ose scale, oyster shell scale; etc.; full directions accompany each can. Pint, 25 cts; 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.

**Lightning Insect Sprayer**

The Lightning Insect Sprayer is adapted for all kinds of spraying purposes and is used largely by gardeners and florists, as well as for spraying disinfestants of every description, also Conkey's Lice Liquid. The air chamber is 18 inches in length and 1¼ inches in diameter. The reservoir holds about one quart. Price 50; special price by the dozen.

**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.; 1 gallon, $1.00.

**Fire 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. Half 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. 5 cts.; 100 lbs., 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 lbs., price on application.

**Kill Sure Soap**. Makes a good wash for killing scale and other insects on trees. Dissolves 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., 10 lbs., $3.00.

**Paris Green**. ½ lb. box 20 cts., 1 lb. box 35 cts. Price on larger quantities on application.

**Nesticide**. A fungicide compound for mealy bug, green fly, etc. Can $1.25, large size $2.50.

**Whole Oil Soap**. Makes an excellent wash for trees and plants; kills insects and their eggs on the bark. ½ lb. 15 cts., 1 lb. 10 cts., 1 lb. 25 cts. For price on larger quantity please write.

**Western F. & G. Spray**

An economical remedy against all scale and fungus growth on citrus, decidious and ornamental trees, also vines and shrubbery.

**DIRECTIONS**

One gallon to 18 gallons water and apply with a fine spray.

Price $1.00 per Gallon. 5 Gallons $4.00

**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.

**Kerosene Emulsion** (Lion Brand). Very effective for destroying all plant lice, scales and cuticular insects that affect the foliage. Full directions with each can. Per quart, 50 cts.

**California Wash**. A specific remedy for San ose scale, oyster shell scale; etc.; full directions accompany each can. Pint, 25 cts; per quart, 50 cts.

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**DIRECTIONS**

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Price $1.00 per Gallon. 5 Gallons $4.00
GARDEN HOSE AND ATTACHMENTS

All our garden hose is guaranteed. We sell no cheap hose, as cheap hose is dear at any price. 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 ⅛-in. Hose. The best hose in the market for the money. Each piece of hose has our guarantee stamped on it. 10c per foot.

Germain’s Guaranteed ½-in. With couplings. 8c per foot.

Continental. This hose we can recommend and guarantee. ⅛-in. with couplings, 14c per foot.

Red Seminole. Guaranteed for one year. ⅛-in., 12c per foot.

Bull-Dog. This first-class ½-in. hose is guaranteed for two years. 16 cts. per foot.

Hippo. ¾-in. size, 20 cts. per foot; ⅛-in. size, 16 cts. per foot. This first-class hose we guarantee. We sell any length you want.

Extra Para ¾-in. This first-class hose is guaranteed for two years, 16 cts. per foot.

Buckskin. We have sold this hose for a number of years. Guaranteed for two years. ⅛-in., 16 cts.; ¾-in., 18 cts. per foot.

Best Leg Hose Reel. The best wooden reel made—not easily tripped over.

No. A, for 100 feet of ¾-in. Hose $1.75
No. B, for 200 feet of ¾-in. Hose $2.50

PLANT STAKES.

Round, painted green and smoothly turned.

<table>
<thead>
<tr>
<th>Per Doz.</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 feet, light</td>
<td>$.35</td>
</tr>
<tr>
<td>3 feet, light</td>
<td>.50</td>
</tr>
<tr>
<td>4 feet, light</td>
<td>.75</td>
</tr>
<tr>
<td>3 feet, heavy</td>
<td>.85</td>
</tr>
<tr>
<td>4 feet, heavy</td>
<td>1.25</td>
</tr>
<tr>
<td>5 feet, heavy</td>
<td>1.50</td>
</tr>
<tr>
<td>6 feet, heavy</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Pot and Tree Labels all sizes.

Welch’s Washer Retainer. The retainer keeps the washer in the hose from year to year; you don’t have to stop to hunt a washer.

Hose Couplings, Brass. ⅛-in. or ⅛-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. ⅛-in. or ⅛-in., 10 cts. per doz. The Cooper, brass, undoubtedly the best hose mender on the market; holds itself by small, sharp teeth; for ¾-in. hose, 10 cts. each, 25 cts. for 3. The Dean, iron, fastened by outside metal bands. For ⅛-in. and ¼-in. hose, 10 cts. each, 25 cts. for 3.


PLANT FOODS

Sterling 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. Trial box 10 cts., mailed free.

Large box 25 cts., mailed free.

Leaf Mold. The best for potting house plants, ferns, etc. Per sack, 75 cts.

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. Price $2.50 per cwt.

NITRATE OF SODA.

Valuable solely for the nitrogen it contains. It is chiefly a stimulant, used in addition to other fertilizers. It is quick in action and hastens crop maturity. Apply 100 to 500 lbs. per acre.

Price, per 5-lb. package, 20c; 10-lb package, 50c; 25-lb. bag, $1.25; 50-lb. bag, $2.00.
MISCELLANEOUS TOOLS

Corn Planter, The Segment. One-hand corn and bean planter. The most accurate and up-to-date planter on the market. $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, four-pronged, $1.

Forks, Hay. 2-pronged, 50 cts.


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.

Grass Hooks, or Sickle. 40 cts., 50 cts. and 60 cts. each.


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.

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.

Knives, Potato. Humphrey's concave and curved, 15 cts.

Knives, Pruning. German Imported (Henckel's) and American makes, 50 cts. to $1.75.

Mauls. Hooks. Fine steel and well finished. $1.00.

Mattocks. With handles. $1.25.

Moss, Sphagnum. Per bale of about 35 lbs., $2.00.

Orange Clippers. 35 cts. to 60 cts.

Ornamental Vases. For lawns and walks nothing can equal them for beauty and effect. Made of malleable iron and moulded in beautiful designs; makes an elegant display and lends and added charm to a place which would otherwise be incomplete. Write for prices.

Pencils, Wolf's Indelible. Solid ink; will dispense with painting labels. 15 cts.

Post-Hole Digger. This digger is fitted with lock lever at $2.50.

Potato Planter. The Acme "Tubular" has spring-closed jaws, specially designed to enter the ground easily and yet open wide enough to drop the largest for any depth of planting. The conveyor-tube is of galvanized iron and tapered to avoid clogging. $1.50 each.


Rakes, All Steel. 11 teeth, 60 cts., 16 teeth, 75 cts.

Rakes, Steel Bow, Garden. 11 teeth, 70 cts.; 16 teeth, 75 cts.

Rakes, "Ole Oleson." Wooden teeth. The best kind suitable for raking leaves, etc. off lawns. 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.

Radish. Best tying material for plants. 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.


Seyfles and Smuth. $1.25.

Coal Seed Sower. The standard Sower, 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 person entirely unused to sowing by hand can use this machine with perfect success. $3.50.
MISCELLANEOUS TOOLS (Continued)

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-looping. $1.25 to $2.50.

Shears, Tree-pruning. Lee’s Telegraph, 6-ft., $1; 8-ft., $1.50; 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.

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 shears, unsurpassed by any other article on the market. $3.50.


Shovels. Short D-handled, 75 cts. to $1.25.

Shovels. Long handled, $1 to $1.75.

SilkAlme Green. The very best article for stringing smilax, etc., being green, cannot be noticed among the foliage. Very strong. Per spool 20 cts., box of 8 spoons $1.50.

Spades. Boys’ or ladies’ small. 50 cts.

Spades. Best makes, full size, D-handled, $1 to $1.75.

Sprinkler, Seely’s Rubber. Indispensable for floral work and window gardening, or sprinkling in any way. In sizes, 60 cts., 75 cts., 90 cts. and $1.


Squirrel Poison and Gopherpo will rid your place of gophers and squirrels. Price, 25 cts., 50 cts. and $1 per box.

Thermometers. We carry a full line of household, greenhouse, dairy and incubator thermometers.


Mole Trap Spear. Each $1.


Trowels, Garden. English, shack and blade solid steel, 6-in., straight or crooked shank, 60 cts.

Turf Edger. With handle; used for trimming edges of lawns. 75 cts.

Turf Edger. The Hough combination tool. A weeder, edger, hoe, drill, spade and sod-cutter. The handiest tool of the kind made. Long handle. $10.00.

Tubs, Japanese. These tubs are varnished, large hoops, and imported direct from Japan. Small size 13 in. high, 14 in. diameter at top, 75 cts. each; medium size very scarce and hard to procure. 17 in. high, 18 in. diameter at top, $2.50 each. Large size 21 in. high, 22 in. diameter at top, $1.50 each. Special prices on large quantities.

Weeders, Hand. “Excelsior.” Used for weeding seed-beds, stirring the soil, etc., 10 cts.

Weeders, Hand. “Hazelton.” One of the best; solid steel, good size and durable. 35 cts.

Weeders, Hand. “Havil’s Lawn.” The best tool for weeding lawns; will take out dandelion and other deep-rooted weeds. 35 cts.

Pond’s “Handy” Weeder. The self-acting spring fork and the shoe which serves as a fulcrum to pry out the weeds are made of the very best materials and are therefore neat, durable and efficient. Made in two sizes. No. 1 with blade 1½ inches wide by 8 inches in length, 35 cts. No. 2 with blade 1½ inches wide and 8½ inches in length, 40 cts.

Lifting Weeder. A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out. 75 cts. each.

Wheelbarrow. This barrow is light, strong and durable, has steel wheel and axle, and we do not hesitate to say that it is the best barrow on the market. It is well painted, striped and varnished. Price, $4.00.

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; four blades of highest grade durable steel; noiseless in operation; 12-in., $5.00; 14-in., $5.50.

Our Special

Sunset Lawn Mower. Drive Wheels 9 in. Built with adjustable brass bushing for taking up wear. 12-in., $3.50; 14-in., $4.00; 16-in., $4.50.


Braun Grass Catcher. Canvas sides, galvanized bottom that will not sag. Fits all Pennsylvania Lawn Mowers. Each $2 and $2.50.

Pennsylvania Junior Ball-Bearing. The Pennsylvania Junior is the best-known Mower for all classes of work. 16-in., $18.75; 17-in., $19.50; 19-in., $17; 21-in., $18.75.

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 Clover Leaf

Mayflower. Wheel, 10 inches. Reel, 6-inch, 5-blade; Ball Bearing. Cones are of special steel, machine turned, case hardened and ground. 14-in., $7.50; 16-in., $8.

Crestlaw. Every bearing Ball Bearing. Wheel, 11 inches; Ball Bearing; Cone adjustment reel, 6-inch, 5-blade; Ball Bearing. The type of construction used in this mower produces the most rigid frame possible to build. 14-in., $11; 16-in., $12.

Pennsylvania High Wheel. Ten-inch wheels, 4-blade cylinder—especially adapted for lawns that cannot be mowed very often or where the grass is coarse. 15-in., $13; 17-in., $14.50; 19-in., $16.
MISCELLANEOUS TOOLS (Continued)


Capitol Lawn Trimmer and Edger. Does what Lawn Mowers leave undone. Having one side without wheel, it can be run close to walls and trees, cutting grass clean and quick. Can also be used for trimming edges of walks, etc.; 4 steel blades, 6-inches wide. Price, each, $6, complete.

Hunn’s Automatic Canvas Grass Catcher. 12 to 14-in., 60 cts.; 18 to 18 1/2 in., 75 cts.

Grass Catcher, Henley Simplex. This grass catcher is light and substantial. Steel bottom, $1.


“The H” Grass Catcher. All canvas, instantly to fit any Mower. Size No. 1, 60 cts.; No. 2, 75 cts.

“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 anyone who desires it.

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

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, $16.50. Without depth regulator (order as No. 7), $10.

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.

No. 8 Horse Hoe and Cultivator

No. 4 Combined Tool

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. 8 HORSEhoe 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

No. 4 Plain Cultivator

It is used either with or without a wheel, the wheel being preferred in most sections. For very narrow rows, the outside teeth and standards may be removed from the frame. Price, $6.65.
“PLANET JR.” GARDEN TOOLS (Continued)

NO. 5 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 time is lost, no seed is wasted. It

![No. 6 Hill and Drill Seeder]

is quickly set to sow the different kinds of seeds, in the exact thickness required. The accurate hill-drop ping 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.

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.

NO. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW

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.” 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,

![No. 17 Single Wheel Hoe]

$5.75. No. 16, with a pair of rake and leaf-lifters in addition to the above equipment. Price, $6.50. No. 17½, with hoes, cultivator teeth and leaf-lifter. Price, $5.25. No. 18, with hoes only. Price, $4.25.

“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

![No. 25 Combined Hill and Drill Seeder]

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.
MISCELLANEOUS TOOLS (Continued)

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, $5.50; without the wheel and pulverizer, $7.30.

12-Tooth Harrow, Cultivator and Pulverizer

THE FINLEY ROTARY LAWN RAKE.

(Wee 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 Feb. 12 and 19, 1901

THE BOSS ROLLER—HEART DESIGN.

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 desirable 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 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, 7^-inch face, 150 lbs. weight, $14.00
No. 4. - 20 inches in diameter, 20 inches long, in two sections, 10 -inch face, 250 lbs. weight, 20.00
No. 6. - 20 inches in diameter, 24 inches long, in three sections, 8 -inch face, 300 lbs. weight, 25.00
No. 8. - 24 inches in diameter, 20 inches long, in two sections, 10 -inch face, 400 lbs. weight, 30.00
No. 9. - 20 inches in diameter, 20 inches long, in two sections, 10 -inch face, 300 lbs. weight, 28.00
No. 10. - 20 inches in diameter, 25 inches long, in three sections 10 -inch face, 600 lbs. weight, 35.00

Horse Lawn Rollers from $75 to $95.

*No. 20 is fitted with a weight box which can be loaded up to 500 lbs. if necessary. These weight boxes can be furnished for other sizes, if wanted, at an additional cost.
**INDEX**

**HOW TO ORDER**  
PAGE 1

**GERMAIN'S SPECIALTIES, inside cover and 2-5**

**GERMAIN'S COLLECTIONS**  
PAGE 6

**VEGETABLE SEEDS**

- Artichokes  
- Asparagus  
- Beans  
- Beet  
- Broccoli  
- Brussels Sprouts  
- Cabbage  
- Carrot  
- Cauliflower  
- Celery  
- Chicory  
- Corn  
- Cucumbers  
- Dandelion  
- Egg Plant  
- Endive  
- Garlic  
- Kale  
- Kohlrabi  
- Leek  
- Lettuce  
- Melon  
- Muskmelon  
- Melons, Casaba  
- Melons, Water  
- Melons, Turkish  
- Mushroom Spawn  
- Mustard  
- Mustard, Asian  
- Okra  
- Onions  
- Peas  
- Parsley  
- Parsnip  
- Pepper  
- Potatoes  
- Pumpkins  
- Pumpkins, Field  
- Radishes  
- Rhubarb  
- Roselle  
- Salad  
- Spinach  
- Squashes  
- Tomatoes  
- Turnips  

**HERBS, Seeds**  
PAGE 27

**SWEET, POT AND MEDICINAL**  
PAGE 27

**CULINARY ROOTS AND PLANTS**

**COVER CROP SEEDS**  
PAGE 28

- Clover, Burb  
- Clover, Mallow  
- Cow Peas  
- Field Peas  
- Field Peas, Bean  
- Vetches  
- Nitrogen Culture  

**CLOVERS AND GRASSES**

- Alfalfa, Utah  
- Alfalfa, Turkestan  
- Alsike Clover  
- Berseem Clover  
- Buckwheat  
- Italian Crimson Clover  
- Japanese Clover  
- Mushroom Clover  
- Red Clover  
- White Clover  
- Axemen's Clover  
- Bermuda Grass  
- Crested Dogs-Tall Grass  

**ORNAMENTAL GRASSES**

- Kentucky Blue Grass  
- Mesquite Grass  
- Orchard Grass  
- Red Top Grass  
- Ryegrass Italian Grass  
- Ryegrass Perennial Grass  
- Sand Grass  

**PODDER PLANT SEEDS**

- Alfalfa  
- Australian Salt Bush  
- Beans, Bean  
- Beans, Lima  
- Beans, Castor  
- Broom Corn  
- Buckwheat  
- Celosia  
- Egyptian Corn  
- Flax  
- Garbanzos  
- Jerusalem Artichokes  
- Jerusalem Corn  
- Kenaf Corn  
- Lentils  
- Mand's Wonder Forage Plant  
- Milo Maize  
- Millets  
- Poultry or Hobbit  
- Rape  
- Sorghum  
- Sisal  
- Sunflower  
- Tagasaste  
- Tephrosia  
- Virginia Peanuts  
- Wild Rice  
- Wood Pea  

**HINTS ON LAWN**

- Lawn Seeds  
- Lawn Fertilizers  
- Lippia Repens  

**FERTILIZING CALENDAR**  
PAGE 32

**PLANTING TABLES**

**FLOWER SEEDS**

**FLOWER SEEDS COLLECTIONS**

**ANNUALS**

- Asters  
- Balsam  
- Calliopsis  
- Candytuft  
- Celosia  
- Centaurea  
- Chrysanthemum  
- Eschscholtzia  
- Hibiscus  
- Larkspur  
- Marigold  
- Nasturtium, Dwarf  
- Papaver  
- Scabiosa  
- Stocks  
- Zinnia  

**EVERLASTINGS**

**ORNAMENTAL GOURDS**

**CLIMBERS**

**ORNAMENTAL ASPARAGUS**

**BEDDING PLANTS**

**GERANIUMS**

**PANSIES**

**PHLOX**

**SALVIA**

**STILBORA**

**TRANSVAAL DAISY**

**VIOLETS**

**CLIMBING PLANTS**

**ROSES, General Collection**

**ROSES, Climbing Collection**

**CITRUS FRUIT TREES**

**BERRIES**

**LAWNS AND TERRACES**

**POULTRY DEPARTMENT**

**FEEDING**

**FRUIT**

**FLOWERS**

**GARDEN TOOLS**

**GARDEN ROLLERS**

**LAWN MOWERS**

**PLANT, JR. TOOLS**

**GARDEN REQUISITES**

**SPRAYS AND INSECTICIDES**

**FLOWER STAKES**

**PLANT FOODS**

**SPRINKLERS**

**GEORGE RICE & SON, LOS ANGELES**

This catalog and cover printed by Geo. Rice & Sons, Los Angeles